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BIG TWIN

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Short Block

Engine

Mount Bolt

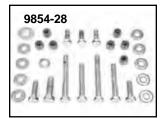
COLON

V-Twin[™]80" Short Blocks are shipped fully assembled as shown. All 80" units feature an S&S Crankcase, Sifton Oil Pump/Breather assembly, stock stroke flywheel, Timken Bearings, stock cam properly installed with a matched pinion and cam gear with Torrington bearing. Assembly is supplied with a chrome nose cone cover and chrome lifter blocks are fitted with standard tappets.

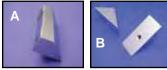
 VT No.
 Fits

 10-0007
 1984-90 Evolution

 10-0008
 1992-99 Evolution



Upper and Lower						
VT No.	Years	Model	Туре	Finish		
9854-28	1984-99	FXST		Chrome		
9855-28	1984-99	FXST		Zinc		
9927-28	1984-99	FXST	Allen			
9927-28-P	1984-99	FXST	Allen	Polished		
Lower Only	У					
9859-20	1989-99	FXR		Chrome		
9928-20	1989-99	FXR	Allen			
9928-20-P	1989-99	FXR	Allen	Polished		
1999-up Fr	ont Only					
9937-20	1999-up	FXD	Allen	Chrome		
9936-28	1999-up	FXD	Acorn			
Lower From	nt					
2116-15	2000-up	Softail	Allen	Chrome		
2117-15	2000-up	Softail	Hex	Chrome		
2118-15	2000-up	Softail	Hex	Zinc		
Transmiss	ion to Moto	r Mount T	C-88, FXD			
9935-8-P	1999-up	FXD	Allen	Polished		



Chrome Front Engine Bolt Mount Block. Front engine mount bolts thread into regulator mount block.

VT No. Type 31-0635 A 31-0739 B



Engine Case Drain Plug VT No. 2549-2

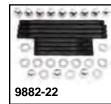


V-Twin Mfg. supplied components for every aftermarket motorcycle company who sprang up due to the shortage of Harley-Davidson motorcycles. Startups included:

- Big Dog (1994-2011)
- Excelsior-Henderson
 Ultra
- American Iron Horse (1995-2008)
- Confederate
- Gilroy Indian Co. (1999-2003)
- Orange County Choppers



Case Bolt

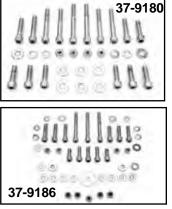


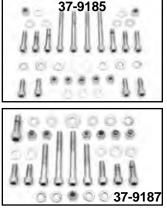
Engine Case Bolt Kit includes the necessary hardware to bolt together the cases of the years listed. Available as OEM stock in chrome, cadmium plating or custom acorn in chrome. Acorn Chrome Fits

Acorn Chrome 9882-22 9883-20 9955-27 — Fits 1996-99 Evolution 2000-up FLST, FXD, FXST



Chrome Engine Case Allen Bolts fasten engine case halves together.
VT No. Year Model
37-9191 1983-95 Big Twin Evo 1340
37-9360 1996-99 Big Twin Evo 1340





Chrome Allen Screw Kit connects engine mounts, front, top and rear to frame on models listed below. VT No. Fits

VT No.	Fits
37-9180	1991-up Dynaglide
37-9185	1987-90 FXR
37-9186	1991-99 FXR
37-9187	1984-99 FXST, 1985 FXWG-FXE



BIG TWIN





For TC-88 Models



124" Engine Upgrade Kit

S&S 124" Twin Cam Hot Setup Kit allows owners of 1999-up 96" Twin Cams to upgrade to 124" using the stock crankcases. Kits include 4%" flywheels, .640 gear drive cam set, 41%" bore cylinders, pushrods, roller rocker arms, 91cc cylinders heads (10.8:1 compression), electric compression releases and chrome rocker boxes. Available in natural. **VT No. Fits**

10-0494 2006-up FXD, 2007-16 FLT

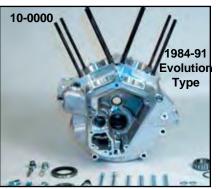
Replacement Pistons and Rings for S&S motors. Piston kits include rings, wrist pins and clips. Replacement ring sets are for two pistons.

Motor	Bore Size	Standard	.010	.020
111"	41⁄8"		11-1561	11-1562
113"	4"	11-1410	11-1411	11-1412
124"	41⁄8"			11-1558
Replacem	ent Ring S	ets for S&S	Pistons Or	nly.
Bore Size	Standard	.010	.020	
4"	11-1300			
41⁄8"		11-1401	11-1402	



Motor Plaques measure 18" x 24" and are made of metal. Motor Plaque Set includes 9 plaques. VT No. 48-1811

Case Set



S&S Crankcase Sets are shipped set up with Timken left side bearing and race assembly, seal and seal spacer, oil pump drive bushing, needle bearing and pinion race for right side, (pressed in and line honed) ready to assemble. Also included are cylinder studs, nickel plated case bolts, crankcase fittings and a timing and magnetic drain plug. Accepts wheels up to 8½" diameter. Note: Oil pump required for assembly.

0/2 diameter. Note: On pump required for assembly.					
VT No.	Year/Model	Bore	Oil Pump		
10-0000	1984-91 V2 Type	Stock	12-8002		
10-0005	1992-98 V2 Type	Stock	12-9975		
10-0575	1992-99 V2w/EFI	Stock	12-9975		
10-0576	2000-06 TC-88A	Stock	Stock		
10-0291*	TC-88A/Evolution	Stock	Stock		
10-0001	1984-91 V2 Type	3.878 (3%")	12-8002		
10-0011	1992-99 V2 Type	3.878 (3%")	12-9975		
10-0577	2000-06 TC-88A	4.00	Stock		
10-0292*	TC-88A/Evolution	4.00	Stock		
*Noto: Eo	aturaa Evolution Eng	ina Maunta			

Note: Features Evolution Engine Mounts.

1 cubic inch = 16.38 cc 1 cubic inch = .0163871 liter Cubic Inch = πr^2 x Stroke r = 1/2 of Bore

CUBIC INCH CHART Stock 74 Stock 80									
	STROKE	3½ "	3 ¹³ ⁄16	3.968"	4¼"	41⁄2"	4 5⁄8"	4 ¾"	5.00"
				74"	80"			1	
В	2¾ "		45"					1	
U	3 5⁄16"	61"	1	1	i	i	İ	İ	1
0	3 7⁄16"	64.8"	İ	73.7"	78.7"	83.4"	85.7"	88.0"	92.8"
	31⁄2"	67.2"		76.3"	81.6"	86.6"	89.0"	91.4"	96.1"
R	3 %"	72.1"	1	81.7"	87.4"	92.9"	95.5"	99.0"	103.2"
Ε	3 ¹ / ₁₆ "	74.6"	1	84.7"	90.7"	96.1"	98.8"	101.5"	106.8"
L_	3 ¹³ ⁄16"	79.9"		90.6"	97.0"	102.8"	103.7"	108.9"	114.2"
	31/8"	82.3"	1	93.4"	100.1"	100"	108.9"	111.9"	117.8"
	4.00"	87.9"	1	99.7"	106.8"	113.0"	116.1"	119.3"	125.6"
	41⁄8"	93.4"		106.0"	113.5"	120.2"	123.5"	126.9"	133.6"
	4 ¼"	99.2"		112.6"	120.5"	127.6"	131.1"	134.7"	141.8"



Flywheel



Fits

23906-90A 1991-92 Evolution

23906-78G 1984-90 80"

10-1042** 23906-93B 1993-99 Evolution

OEM

For Big Twin 80"

Complete Stock Stroke Flywheel Assembly is shipped assembled and trued with shafts. VT No. 10-1091 requires the use of 1987-up type **Pinion Shaft Bearing** assembly and VT No. 12-0967 late bearing retainer.

Note

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3, 4

5

5

Brand

VT

OE

VT

S&S

	17
e 9	

4%" Stroke S&S Flywheel Assembly fits 1984-99 Big Twin. Features heavy duty rods, pinion and sprocket shaft. Assembled by S&S. Ready to install. Can be used with our 11-0064 3 5%" Evolution S&S cylinder kit for 96 cubic inch or with 89" piston kits and stock type cylinders which yields 89 cubic inches, 1990-99 requires 10-2560 pinion conversion package for carburetor models only. VT No. 10-0063



S&S 89" Evolution Stroker Replacement Piston Sets for 45%" flvwheels. 9.25:1 compression with rings. VT No. Size 11-0475 Standard 11-0479 .030

Notes:

VT No.

10-1091

10-0062

10-0374

1-Special 80" flywheel assembly used for alternator-generator case sets only. Feature late type sprocket shaft and early style pinion shaft. 2-Features replaceable pinion and sprocket shafts.

2007-up FXD

2007-16 FLT

3-Features replaceable pinion and sprocket shafts and narrow sprocket side flywheel

4 Require use of 1987-up type pinon shaft bearing and retaining ring. 5-One piece type flywheel with non-removable shafts.

Flywheel Assembly for Twin Cam.

VT No.	OEM	Year	Model
10-1290	23729-07	2007-up	FXD

Stroker Flywheel for TC-88



Stroker Flywheel Assemblies are 43%" stroke when combined with Big Bore Cylinders. Fits 2006 FXD. **Cubic Inch** Bore 37⁄8 103"

4.00 110" 4.06 113" VT No. 10-1522



Jims 116" Stroker Kits with natural finish cylinders. Each kit includes a balanced and trued flywheel assembly with integral pinion shaft, sprocket shaft and crank pin for maximum stability and resistance to flywheel distortion. Each kit is press fit with Jims H-Beam forged connecting rods and prebalanced with Arias pistons. Fits all 1999-06 carbureted Twin Cam A motors only. 45%" stroke and a 4" bore. VT No. 11-2053



Timken Bearing Sleeve will convert 2003 and later TC-88 models from a roller bearing to a Timken tapered bearing. Bearing sold separately. VT No. 10-0856



S&S TC-88 Stroker Flywheel Assemblies for all 1999-02 TC-88 models. Feature 1.500 crank pin and replaceable race bearing. Fits all models with non-balancer Twin Cam engines. Pistons not included. VT No. Size Stroke 10-1094

106" 41/2"



S&S Flywheel Hot Setup includes 4-5/8" assembled flywheels, 561 cam, spring kit, pushrods and Super E carburetor kit. Yields 89 cubic inches with 9-1/4:1 compression ratio. Order piston set separately.

	Fit	Year
11-1505	89" Evo	1993-1998







Connecting Rod Set crank pin, two solid caps, and bearings. The upper bushing is installed. Wrist pin bushings installed fits for twin cam Big Twin models. Set is crafted with high precision. Fits 1999-up. VT No. 10-1607



Rod Set and Crank Pin Kit for replacements in 1999-2006 models. Rods include wrist pin bushings.

VT No. Item 10-1205 Bearing Set 10-1607 Rod Set 10-8755 Crank Pin, STD 10-8756 Crank Pin, .001 10-8757 Crank Pin, .002 10-0921 Pin Plugs 10-2586 Bronze Shim Set

*Note: Press required for installation







Sifton[™] Big Twin Rod Complete

Assembly features forged and machined H-Beam design of certified 4340 steel with multi staged heat treatment and are fitted with Torrington rollers with extruded alloy cages and a Sifton[™] pin and matching nuts. Unfinished type requires honing of upper and lower bushings. Rods are 7.440" center to center and will accommodate up to 5" stroke.

VT No. Year Item **10-0272** 1981-99 Assembly 10-0274 Unfinished Rods Only

S&S Genuine Rods are heavy duty replacement rod sets which include wrist pin bushings, rod races, matched rods, pins, rollers, cages and nuts for stock or stroker use. Fits 1984-99 Big Twin Evolution. VT No. 10-0268*

*Note: Have 16 bearing steel cages.

Rod Assembly



V-Twin[™] Replica Stock

Replacement Rod Sets include new rods, crank pin, nuts, cages and standard rollers fitted and assembled. Piston pin bushings are installed. Replaces 24281-83. Fits 1984-99 Evolution 1340cc. VT No. 10-0188



L1981-86 Big Twin 2-Hole Crank Pin Kit includes 2-hole crank pin, rod races, standard rod rollers, and retainers. VT No. 10-2571



Sifton Steel Rod Cage Set includes 4 cages, 24366-51 and standard Torrington Roller Set for 1936-98 Big Twin. Replaces 42385-40. VT No. 10-2522



Rod Bearing Sets With Set of 3 Cages for Big Twins fitted

with standard size Torrington rollers for connecting rods. The

Brand

S&S

Sifton

cage material is noted. VT No. OEM

12-2556 24366-51 10-2556 24346-87A



Connecting Rod Race Sets made from 52100 steel use and hardened. Fits 1936-99 Big Twin. VT No. Brand Size 10-0138 Replica STD 10-0828 Replica .001 O/S 10-0826 Replica .002 O/S 10-0830 Replica .005 O/S

Year

1936-86

1987-99

10-0829 Replica .010 O/S 10-0823 Replica .002 O/S

Cage

10-0809 Jims STD





Big Twin Crank Pin Nut Sets. Eastern Jims Year OEM 12-0559 12-0606 23969-83 L1983-99



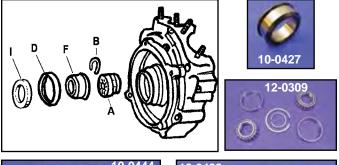


80" Crank Pins available from Jims, Eastern, and V-Twin. Pins are made of 8620 steel with .062 heat treated penetration, O.S. Pins are oversize on bearing diameter. 180° oil location pins have more complete bearing lubrication.

Years	OEM	Jims	Eastern	V-Twin	
		3 Hole	3-Hole	2-Hole	
L1981-99	23961-80A	10-8357	10-0130	10-1211	
L1981-99	.001 O/S	10-0353	_	—	
L1981-99	.002 O/S	10-8358	_	—	
L1981-99	180° Oiling	10-0354	_	—	



Crank Shaft Component

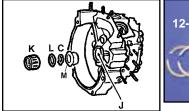






Left Crankcase Bearing and Spacers for 1958-99 Big Twin models.

VT No.	OEM	Description
12-0309	9028	(A) 1969-02 Left crankcase bearing
12-0947	11160	(B) 1985-up Left bearing retainer ring
14-0108	12026B	(D) 1970-99 Crankcase oil seal
14-0810	12068	(D) 2000-up Crankcase oil seal
10-0427	24002-70	(F) 1970-99 Sprocket shaft spacer
12-0813	24039-01	A(F) 2000-02 Sprocket shaft spacer
12-0814	24038-03	(F) 2003-up Sprocket shaft spacer
10-0442	24032-70	(I) 1970-up .060 Sprocket shaft spacer
10-0443	24033-70	(I) 1970-98 .090 Sprocket shaft spacer
10-0444	24034-70	(I) 1970-98 .120 Sprocket shaft spacer
10-0445	24035-70	(I) 1970-98 .150 Sprocket shaft spacer
10-0446	24036-70	(I) 1970-98 .180 Sprocket shaft spacer
10-0447	24037-70	(I) 1970-98 .210 Sprocket shaft spacer
10-0428	24038-70	(I) Same as above, Assortment
10-1212	35850-84	(I) 1970-98 .010 Sprocket shaft spacer
10-1213	35851-84	(I) 1970-98 .020 Sprocket shaft spacer
10-1214	35852-84	(I) 1970-98 .030 Sprocket shaft spacer
1 0-0 461	35853-96	(I) 1970-98 .055 Sprocket shaft spacer
10-0466	8972	(I) 2000-up Thrust washer





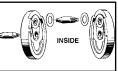
Right Crankcase Bearing and Spacers for 1958-99 Big Twin models.

OEM	Description
11007	(C) 1958-86 Right bearing retainer ring
11177	(C) 1987-92 Right bearing retainer ring
11177A	(C) 1993-99 Right bearing retainer ring
24608-54	(J) Screw right case bushing
24650-58	(K) 1958-86 Right bearing assembly, Standard
24626-87A	(K) 1987-99 Right bearing assembly,
	white/gray
24628-87A	(K) 1987-99 Right bearing assembly, green
24641-87A	(K) 1987-99 Right bearing assembly red
24643-87A	(K) 1987-99 Right bearing assembly, blue
24692-58	(L) 1958-86 Right bearing washer
23928-87A	(M) 1987-99 Pinion Shaft Race
	11007 11177 11177A 24608-54 24650-58 24626-87A

Wrist Pin Bushings are available in bronze replica type or Sifton Ampco 45 for all 1936-up Twins. Replica type sold in pairs. Sifton type sold each.

pairs.	Silion type sol	u each.	
	1936-99	1999-up	
Size	Big Twin	TC-88	Туре
STD	10-0756	—	Replica
STD	10-0765	—	Sifton
.002	10-0757	10-8557	Replica
.005	10-0758	—	Replica
.010	10-0759	—	Replica





1971-99 Big Twin Bronze Inside CrankPin Flywheel Washers sold in pairs.VT No.OEMSize10-11506506Standard10-11496506B.005 Oversize

Sifton Cam Bushing Kits includes cam and gear shaft bushings/bearings with lock pins and thrust plate.

VT No. Fits 10-8272 1993-99 Big Twin 10-8260 1973-92 Big Twin



10-827

Motor Shaft Spacer features built in seal flange to give added support for alternator rotor.

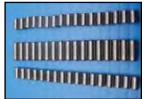
VT No. 10-0948

TORRINGTON.

Connecting Rod Roller Sets for Big Twins. Each set supplies enough rollers for application only for use in alloy cages. 1973-86 Big Twin

1973-86 Big Twi Size

Standard	10-0144
.0002 oversize	10-0145
.0004 oversize	10-0146
.0006 oversize	10-0147
.0008 oversize	10-0148



Bulk Pack Rollers (100 Quantity) 1973-86 Big Twin

13/0 00	Digitwiii		
Size	Long	Short	OEM
.0002		12-4554	9442A
.0004		12-4555	9443A
.0006	12-4548		9182
.0008	12-4549		9183
.001	12-4558		9446A
.003	12-4552		

146





Left Crankcase Bearing by Timken. Factory assembled with correct spacer for proper end play.

Timken	VT No.	OEM	Fits
12-0309	12-0428	9028	1969-02
	12-0768	24605-07	2000-up

Crankcase Bearing and Race Only. Two Required. Order snap ring and the spacer separately. 1969-up, OEM 9045. For more applications see www.vtwinmfg.com. VT No. 12-0345 Timken Bearing Spacer Shims available in 5 packs. 1969-up Big Twin

VT No.	OEM	Size	VT No.	OEM	Size
10-8523	9110	.08950905	10-8506	9126	.10451035
10-8500	9120	.09150925	10-8507	9127	.10651055
10-8501	9121	.09450935	10-8508	9128	.10851075
10-8502	9122	.09650955	10-8509	9129	.11051095
10-8503	9123	.09850975	10-8510	9130	.11251115
10-8504	9124	.10050995	10-8522	9131	.11451135
10-8505	9125	.10251015	10-8511	9132	.11651155
			10-8512	9133	.11851175
			10-8513	9134	.12051195

0	Pinion Sic tory specif		nachined an	d ground to fac-
Sifton	Replica	OEM	Size	Year/Model
10-0296	10-0278*	24599-58A	Standard	1958-92
—	10-0797	24599-58B	Standard	1993-99
Jims	Eastern			
10-0245	10-0214	24599-58A	Standard	1958-92
10-0248	10-0217		.010	1958-92
—	10-0231	24599-58B	Standard	1993-99
10-0250*	[•] 10-0232	24599-58B	.002	1993-99
—	10-0233	24599-58B	.005	1993-99

***Note:** 1993-98 Pinion Bearing Race features 360° oiling groove. Can be used on 1958-87 models with later Torrington roller assembly VT No. 10-1274 standard through 10-1277.

Pinion Shaft Gears. Orange is largest, black is the smallest.					
Size	1977-89	1990-92	1993-99		
	OHV BT	Evo BT	Evolution Big	Twin	
Orange	12-9938	12-1200	- ·		
White	12-9943	- 1	—		
Yellow	12-9945	—	—	SHARE .	
Red	12-9940		12-1210		
Blue	12-9941	_	-		
Green	12-9942	—	—	100	
Black	12-9939	12-1206	<u> </u>		



Sifton 1990-99 Pinion Shaft Conversion Package Kit is for those installations of multiple piece aftermarket flywheels in 1990-99 engines, or replace-

ment of 1990 and later assemblage with stock 1981-89 parts. Kit includes 1977-89 red pinion gear, 1954-89 pinion shaft oil pump drive gear, 1954-89 pinion shaft gear spacer and 1954-89 pinion shaft gear nut.

VT No.	Brand	Year
10-2560	S&S	1990-99
10-2585	Sifton	1977-99

Sprocket Shaft



Sprocket Shafts for L1981-86 BigTwins. Replaces OEM# 23909-80.JimsEastern Replica Length10-831810-041610-0440Stock



Sprocket Shaft Spacer and Seal Kit for 1970-99 Big Twin. VT No. 10-8284



 Pinion Shaft Nut, Taper End.

 Eastern
 Jims
 OEM
 Fits

 12-0517
 12-0609
 24016-80
 L1981-89



Pinion Keys available in ten packs.

ЕМ Тур	e Fit	s S	tyle
3985-54 Gea	r Side 198	37-90 S	emi Circle
6348-15 Gea	r Side 197	75-86 S	emi Circle
1218 Tap	er Side 198	31-92 S	emi Circle
1219 Gea	r Side 199	91-99 T	-Key
	EM Typ 3985-54 Gea 3348-15 Gea 1218 Tap	EM Type Fit: 3985-54 Gear Side 198 3348-15 Gear Side 197 1218 Taper Side 198	EM Type Fits S 3985-54 Gear Side 1987-90 S 3348-15 Gear Side 1975-86 S 1218 Taper Side 1981-92 S

Pinion Shaft

na

4		10-0432	10-0889			
Pinion Sh	Pinion Shaft for Big Twin.					
Year	OEM	Jims	Eastern	Replica		
1987-89	24006-87	10-8329	10-0432	10-0889		
100 million (111)				g Set for right ges, washers and		

VT No. 10-2533

1987-99 Pinion Gear Side Bearing Set for Big Twin. Includes

cages.		
VT No.	OEM	Color
10-1274	24626-87A	White/C
10-1275	24628-87A	Green
10-1276	24641-87A	Red
10-1277	24643-87A	Blue
10-1278	23928-87A	Pinion

Grey		



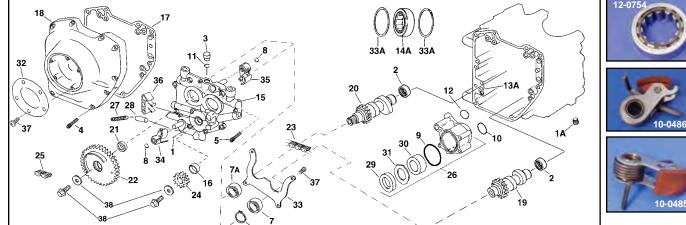
Pinion Shaft Race



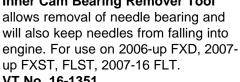
1958-86 Big Twin Right Side Case Rollers.

	J		
Size	28-Piece	100 Pack	OEM
Standard	10-0319		9220
.0002	10-0320	12-4511	9221
.0003	10-0339		9218
.0004	10-0321	12-4512	9222
.0006	10-0322		9223
.0008	10-0323	12-4514	9224
.001	10-0324		9225
.002	10-0325		

1999-up Cam Shaft Component for TC-88



	38-		13 7
	•		r TC-88 models, 1999-up unless noted.
VT No.	OEM	#	Item
12-1178	601	1	Roll Pin
12-0750	9198	2	Left Side Cam Shaft Bearing 1999-05
			FXD, 1999-06 FXST, FLST, FLT
12-0765	9215	2	As Above 2006-up FXST, FLST, FLT
9946-20	4740A	4	Allen Screw Set, As Above
37-1002	4741A	5	Screw, As Above
12-0751	8990A	7	Ball Bearing 1999-05 FXD, 99-06 FXST FLST, FLT
12-0762	8983	7A	Bearing 1999-05, As Above
12-0905	11031	8	Retaining Ring 1999-05, As Above
14-0814	11286	9	O-Ring 1999-05, As Above
14-0803	11293	10	O-Ring, As Above
14-0819	11298	11	O-Ring, Viton 1999-05 As Above
12-0753	11494	13	Retaining Ring 1999-05 As Above
12-0761	16589-99	13A	Dowel Ring, 1999-up FXST, FLST, FXD
		-	1999-16 FLT
10-0587	14761-00		Pad Set, TC-88B, 2000-up FXST, FLST
15-1214	17045-99	14	Cam Service Gasket Kit, 1999-up FXST,
		•••	FLST, FXD,1999-16 FLT
13-0233	18223-98		Performance Valve Spring Set
			1999-04 FXST, FXD
12-0754	24623-99C	14A	
			FLST, FLT, 1999-05 FXD
12-0768	24605-07	14A	
			2006-up FXD
15-1198	25244-99A	17	Cam Cover Gasket, 1999-up FXST, FLST,
			FXD, 1999-16 FLT
10-0813	25247-99	18	Chrome Cam Cover, 1999-00 FXST, FLST,
			FXD, FLT
42-0702	25369-01A		Chrome Cam Cover,
			2001-up FXST, FLST FXD, 2001-16 FLT
10-0904	25674-99	21	Cam Drive Spacer, .360 1999-05 FXD,
			1999-06 FXST, FLST, FLT
10-0905	25675-99	21	Cam Drive Spacer, .365, As Above
4			n Inner Cam Bearing Tool safely
	ir	nstalls	the inner cam bearings to the proper
	d	epth	in the case without damaging bear-
		igs.	0.0
1 1			. 16-1390
	Inn	ner C	am Bearing Remover Tool
	allo	ows r	emoval of needle bearing and



VT No. 16-1351

Chrome Crank Sensor Cover Includes mount screw. 1999-up FXD-FLT. VT No. 42-0953



10-0913	25738-06	21	Cam Drive Spacer .150, 2007-up FXST,
		FLS	Г, 2007-16 FLT, 2006-up FXD
10-0481	25607-99	23	Secondary Cam Drive Chain 99-05
10-0915	25683-06	23	Secondary Cam Drive Chain 2007-up
		FXS	T, FLST, 2007-16 FLT, 2006-up FXD
10-0483	25610-99	25	Primary Cam Drive Chain, 1999-05 FXD,
			1999-06 FLT, FXST, FLST
10-0917	25675-06	25	As Above 2007-up FXST, FLST,
			2006-up FXD, 2002-16 FLT
12-9902	26035-99	26	Oil Pump Assembly Cpt 1999-05 FXD,
			1999-06 FXST, FLST, FLT
12-9990	26037-06	26	As Above 2006-up FXD, 2007-up FXST,
			FLST, 2007-16 FLT
12-1418	26400-82B	28	Oil Pump Relief Valve
42-0119	32679-99	32	Sensor Cover, Chrome
12-0760	35115-99	33A	Retaining Ring 1999-01
10-0485	39954-99	34	Primary Cam Drive Chain Tensioner
			1999-06 FXST-FLST, FLT, 1999-05 FXD
10-0918	39968-06	34	As Above 2007-up FXST-FLST,
			2006-up FXD, 2007-16 FLT
10-0486	39964-99A	35	2nd Cam Drive Chain Tensioner
			L1999-06 FXST, FLST, FLT, BT except
			2006-05 FXD
10-0919	39969-06	35	As Above 2007-up FXST-FLST,
			2007-16 FLT, 2006-up FXD
10-0924		34&	Cam Chain Tensioner Set
		35	2007-up FXST, FLST, 2006-up FXD,
			2007-16 FLT
10-0487	39965-99	36	Chain Guide 1999-05 FXD,
			1999-06 FXST, FLST, FLT
9954-5	68042-99	37	Sensor Cover Screw Set
/		rank	Sensor fits 1999-up FXSTFLST,
4		XD, 1	1999-16 FLT. VT No. 32-0988



Twin Cam Heavy Duty Billet Cam Plate features enlarged oil passages for improved oil flow and hard anodized finish. The billet aluminum and anodized finish increases the strength of plate over stock plate and allows

the plate to hold tolerances under high temperatures. Use with gear drive cams.

VT No. Item

43-1059 1999-06 FXST, FLST, FLT; 1999-05 FXD 43-1060 2007-up FXST, FLST, 2007-16 FLT; 2006-up FXD Chain Tensioner Spacer Kit. VT No. 10-7001





TC-88 Oil Pump Alignment Tool. This tapered tool threads into the oil pump and perfectly aligns the pump to the cam plate. Use on all TC88 engines. Fits 1999-up FXST-FLST-FXD, 1999-16 FLT. VT No. 16-0998



E.R.T. Products SP-TC

"Superpump-Kit" for all 1999 and up "Twin Cam" engines. This color coded 3 spring kit ensures that your engine maintains the factory recommended oil pressure of at least 10 p. s. i. @ idle and up to 38 p. s. i. @ road speed with a warm engine. Each spring is individually installed in the pressure relief valve of the cam support plate. To simplify the installation of the SP-TC "Superpump-Kit" we recommend the TC-EZ installation tool! By using this tool VT No. 16-0300 you will not have to remove the cam support plate from the engine to increase your oil pressure. Each kit includes 3 separate 1/8" split pins.

VT No. Item 13-0097 Spring Kit

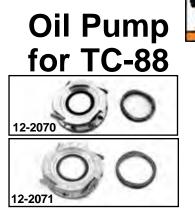
16-0300 Spring Alignment/ Installation Tool





TC-88 Super Pump by Sifton utilizes an oversized highly efficient Geo Rotor design. Provides a 40% increase in pump volume and a 60% more scavenging volume. This high volume pump bolts into the stock location and includes O-Rings and mounting hardware.

VT No.	Fits
12-9902	1999-05 FXD, 1999-06 FXST
	FLST, FLT
12-9990	2006-up FXD 2007-up FXST,
	FLST, 2007-16 FLT
12-0058	2007-up FXST, 2006-up FXD
	2007-16 FLT



TC-88 "A" Crankcase Breather Valve features a machined Billet aluminum body which contains four steel reed valves. Valve body slides over pinion shaft and fits inside pinion bearing bore and will allow air and oil mist to escape from the crankcase but will not allow them to re-enter. Fits TC-88A only.

	<i></i>
VT No.	Fits
12-2070	1999-02



12-2071 2003-up FXST, FLST, FXD 2003-16 FLT



TC-88 Oil Pressure ByPass Shim. This machined shim assures proper spring pre load improving oil pressure and volume. its 1999-up FXST-FLST-FXD, 1999-16 FLT.

VT No. Unit of Measure 12-0108 5 Pack 12-0141 Each



TC-88 Oil Pump and Cam Plate Saver. These handy screens are placed into scavenger ports on the oil pump to prevent foreign particles from being drawn up into georotor. Installation tool is included. Fits 1999up FXST-FLST-FXD, 1999-16 FLT. VT No. 12-0130



Oil Pump Fitting





Oil Pump Fitting Kit for Big Twin models. Туре VT No. Year 40-0562 1984-91 Stock

40-0563 1970-91

Custom



Chrome Oil Pump Fittings for 1968-99 Big Twin, 5 pack or four piece kit. V

VT No. OEM	Туре
12-1416 26338-68	90° Elbow
40-0566 63533-41	Nipple for 3/8" hose
40-0574 Kit	90° And Nipple



Chrome Oil Line Fitting Set will allow use of 3%" braided steel lines. Built in compression fitting so no need for alamna Rayaabla throo piago oot

ciamps. Reusable infee piece sei.				
Thread	Fits			
1⁄2" NPT	TC-88			
1⁄8" NPT	Early			
1⁄4" NPT	TC-88			
	Thread ½" NPT 1⁄8" NPT			



Chrome Tight Spot Oil Pump Fitting Set features a 5/16" allen socket for easy installation or removal. Includes 1/8" NPT nipples.

VT No. 40-0577



Oil Fittings for Big Twin models. VT No. OEM Type 12-1412 63533-65 Oiler Return 40-9982 63541-70 Oiler Tee, Rear Chain







Years Pump Pump W/Breather 12-9802 12-9971 1984-91 12-9972 12-9803 1984-91 12-9975 12-9804 1992-99 12-9805 12-9976 1992-99 15-0657 Gasket 1973-91 15-0658 Gasket 1973-91 15-0362 Gasket 1992-99 1992-99 15-0363 Gasket

Assembly features improved oil pump pressure regulation that will ensure correct oiling to all areas of Big Twin engines. This pump kit includes all necessary fittings, snap rings, keys, gaskets and mounting bolts. Can be used on either chain drive or belt drive models. Finish

Polish

Polish

Mylar

Paper

Mylar

Chrome

Chrome

Sifton™ Oil Pump





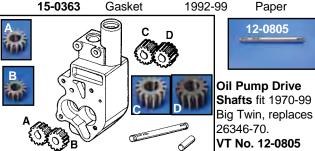
Oil Pump Mount Kits for Big Twin. VT No. Years Type 8744-12* 1978-91 Chrome, Stock 9787-12* 1978-91 Zinc, Stock 8747-12 1978-91 Allen 7827-12* 1978-91 Chrome Acorn 9763-16* 1992-99 Acorn Style **37-9000** 1992-99 Chrome Acorn **37-9001** 1992-99 Chrome Allen *Note: Includes studs where required.



Sifton Big Twin Oil Pump Drive Shaft Kit includes 3 keys, shaft gear, bushing and snap ring. Fits 1973-99 Big Twin. VT No. 12-0810



Chain Oil Adjuster Screws sold each. OEM VT No. Fits Head 12-2523 63610-70 1970-99 FLH Slot Oil Pump Seals. James GB No. OEM Fits 14-0623 14-0114 26227-58 1968-99 Big Twin Oil Pump Snap Rings. VT No. OEM Fits 12-0901 11002 1970-up Big Twin



Big Twin Oil Pump Gears fit 1968-99 stock type and some aftermarket units. Availabe in V-Twin Mfg. or Jims brand.

alternative and watabe in v rwin wig. of entite brand.				
VT No.	Jims	#	OEM	Туре
12-0166	12-1434	С	26315-68A	Return Drive
12-1420	12-1435	D	26317-68A	Return Idler
12-0174	12-1436	В	26326-62A	Feed Idler
12-0183	12-1437	Α	26328-74	Feed Drive



Motor Shop Oil. All are sold in case of six in quart size bottles. VT No.Type Weight

	Morgine
SynGold	20w50w
Heavy Duty	60w
Synthetic Gear Lube	Transmission/Primary
Synthetic Clean	20w50w
Heavy Duty	20w50w
Heavy Duty/Synthetic	50w
	SynGold Heavy Duty Synthetic Gear Lube Synthetic Clean Heavy Duty



geo-rotor compact cad/cam design, modular billet aluminum construction, superior scavenging, increased feed flow rate which eliminates wetsumping in crankcase. Fits 1992-99 Evolution. VT No. Item 12-0859 Pump

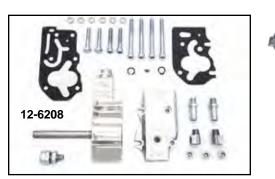
Sifton Oil Pump features

15-0549 Gasket Kit

Oil Pump







S&S HVHP Oil Pump

	HVHP Pump On	ly
VT No.	Туре	
12-6209	Standard Cover	1992-99
12-6208	Universal Cover	1992-99
12-6214	Universal Cover	1984-91
	HVHP Pump Kit	s
12-6307	Universal Cover	1984-91

S&S High Volume High Pressure Oil Pumps

• Feature a new tooth profile with fewer but larger teeth that provide greater oil volume for both supply and return sides of the pump.

- Supply gear is 9% wider than stock type oil pumps to give the HVHP pump more oil capacity.
- Return gears are 28% wider than stock type pumps to insure that the additional volume of oil supplied to the engine is scavenged and returned to the oil tank. In spite of wider supply and return gears the HVHP pump is no thicker than stock type pump and uses the stock type oil pump drive shaft.
- The standard style cover has feed and return holes in stock 1992-99 locations. Universal cover has a number of oil feed and return options allowing maximum flexibility for customized installations.
- Both types are available as oil pump assembly only or as a complete pump kit that includes pump, drive gear, pinion gear, breather gear and shim kit.





Gasket and Master Rebuild Kit S&S Oil Pump Gasket and Master

Rebuild Kits are available with paper or mylar gaskets. Gasket kits include inner and outer gaskets, drive shaft key and snap ring. Master rebuild kits include seal, snap rings, springs, ball, inner and outer gasket, O-rings, and keys.

Gasket Kit Only	Master Rebuild Kit	Туре	Year
15-0657	15-0361	Paper	1936-91 Big Twin
15-0658	_	Paper	1936-91 Big Twin
15-0362	15-0364	Mylar	1992-99 Big Twin
15-0363	_	Paper	1992-99 Big Twin
15-1269	—	Metal All H	IVHP Pumps



S&S Complete Oil Pump Assemblies with billet style bodies. Include all internal gears and shafts for years listed. Also available as complete kits that include drive shaft gear, pinion shaft gear and breather gear kit.

Billet Oil Pumps Assemblies VT No. Years 12-8002 1973-1991 Big Twin 12-8003 1992-1999 Big Twin **Oil Pump Kits with Breather Assembly** 12-8008 1973-1991 Big Twin 12-8009 1992-1999 Big Twin





Sifton™ Breather Gear Kit is con-

Gear Kit is constructed of precision ground steel with screen installed. 8 piece steel thrust

S&S Reed

washer set included. Fits 1978-85 BT. VT No. 12-1540



Breather features three steel reeds that are normally in the closed position. The downward cylinder motion increases crankcase pres-

sure to open the reeds. On the upward stroke a vacuum is created. Can be used in Shovel motors with open primary or sealed primary not connected to the oil scavenge system. Replaces stock breather on 1991-99 Evolution motors.

VT No. Size 12-1949 Stock 12-1950 .030 Oversize

Sifton Air Ramp fits S&S/Sifton Breather Gear on 1936-99 models to remove more air and oil from crankcase. Requires removal of screen for installation. Gear not included. VT No. 12-1945

Breather Gear



A-Big Twin Steel Breather Valve is a machined breather valve and gear. Designed to replace the stock steel or plastic units.

Order 8-piece thrust washers separately. Available in stock duration only with either standard or +.030 oversize outside dimension.

0.011			
VT No.	Years	Size	Brand
12-9906	1978-99	Standard	S&S
12-1537	1978-99	Standard	Sifton
12-9957	1978-99	+.030	S&S
12-9909	All	Washer Set	S&S
12-1510	All	Washer Set	Sifton







B-Stock Plastic Breather Valves.
VT No. OEM Year
12-1531 25310-82A L1977-99
12-1953 As Above .005 Oversize
C-Thrust Washer Set, Breather Valve for 1979-99 Big Twin includes one of each size as noted.

0.20 0.0		
VT No.	Fits	Set
12-1510	1979-82	8 Steel
	.110, .115,	.120, .125
	.130, .135,	.140, .145
12-1530	1982-99	8 Plastic
	.130, .135,	.140, .145
	.150, .155,	.160, .165



Newburgh, NY Motor Shop Ready & Warehouse

Kansas City, MO Warehouse

V-Twin Mfg., your orignal aftermarket supplier since 1968!



V-Twin Mfg. Call Center

Over the past 40 years,V-Twin Mfg. has built the most comprehensive selection of original replacement products and custom accessories for Harley-Davidson motorcycles. We have more than 10,000 supporting dealers in over 39 countries servicing the Harley enthusiasts as builders, restorers and maintenance technicians. We sustain over 450,000 square feet of inventory, production and sales to ensure a high level of order fulfillment.



GB No.

James

Big Twin Oil Pump Gasket Kits include gaskets, seals, snap ring balls and keys. Spring and ball not included with James Kits.

Jailles	GD NO.		Type	1 60	21		
15-0854	15-0233		Mylar	198	31-91		
15-0855	14-0026		Paper	198	31-91		
15-0856	15-0710		Paper	199	2-99		
15-1226	_		Coated	199	2-99, N	etal	
Ø	Big 10			ump) Gaske	ts are avai	lable
James	GB No. #	O	EM		Use	Years	
15-0952	15-0137	В	26273-8	30B	Case	1980-91	
15-0957	15-0683	А	26276-9	92	Cover	1992-99	
_	15-0682	В	26273-9	92	Case	1992-99	
15-0955	15-0138	А	26276-8	30A	Cover	1980-91	
Mylar							
15-0953	15-0295	В	26273-8	30B	Case	1980-91	
15-0956	15-0296	А	26276-8	30A	Cover	1980-91	
	Keys for				5.		
	VT No. 🤇	UE	M Fit	IS			

Type

Year

12-0204 26340-36 1941-1967 Big Twin **12-0205** 26348-15 1941-up Big Twin,1972-76 XL-XLCH



Tappet Oil Screen, Oil Pump Check Valve and Relief Valve Plugs. Replacement styles as shown.

> Finish Chrome Chrome Chrome Chrome Chrome Cadmium Chrome

in

VT No.	#	OEM	Fits
8707-6	А	26263-80	1981-99 3 Piece Set
37-9226	В	3 Plugs	1981-99 Set
2074-6	В	3 Plugs	1981-99 Set
2073-2	В		1981-99 Each
8703-2*	А	26263-80	1980-99 All
9644-2*	С	26263-80	1980-99 All
9645-2*	С	26263-80	1980-99 All
9634-4	С	26263-80	1980-99 2 Piece Set
9635-4	С	26263-80	1980-99 2 Piece Set
37-8960*	D	26279-89	1981-99 Dome Acorn

9635-4 C 26263-80 1980-99 2 Piece Set Cadmium **37-8960*** D 26279-89 1981-99 Dome Acorn Chrome ***Note:** The 1981-up uses the same plug on check valve, tappet screen and relief valve.



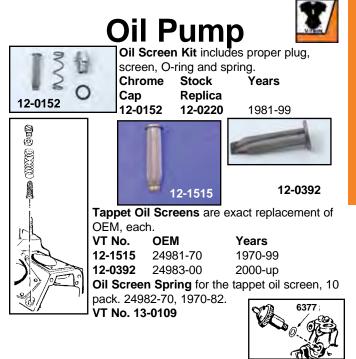
"Super-Pump" Spring Kit for 1966-99 Big Twin engines. This color coated spring kit ensures that your engine maintains the recommended oil pressure of at least 10 p.s.i. @idle and up to 36 p.s.i.@road speed with a warm engine. Each spring is individually

speed with a wann engine. Each sping is individually installed in the pressure relief valve of the oil pump. Works in all stock oil pumps as well as S&S and other aftermarket pump.

VT No.	Brand
13-0575	VT
13-9222	E.R.T. SP-1



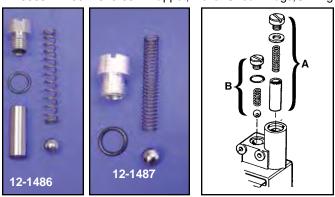
Pro Just Adjustable Pressure Relief Cap allows the precise adjustment of oil pressure by turning the adjusting screw clockwise to increase oil pressure or counterclockwise to reduce oil pressure. Comes with a "super pump" spring provided in our spring kit 13-9222. Works in stock 1981-99 oil pumps as well as S&S and other aftermarket oil pumps. Fits 1981-99 without oil vent. VT No. 12-9921



Sealing Washers for pressure switch, relief valve and tappet oil screen.

VT No. OEM Fits 14-0033 6377 1950-99 14-0503 11105 1970-99

Type O-Pressure, 5 pack Tappet, Relief Check Plugs,O-Ring



1981-2000

A-Relief Valve/By Pass Kits include spring, plug and valve. VT No. 12-1486

B-1981-99 Check Valve Kits include ball, spring and cap. VT No. 12-1487

Α	A-Relief	Valves and Sp	orings.	
B	VT No.	OEM	Years	ltem
B	13-0111	26207-83	1983-00	Spring
cõ	12-1418	26400-82	1983-99	Valve
	B-Check	Valve Spring	s.	
	VT No.	OEM	Years	
6	13-0112	26262-80	1981-99	
	C-Ball			
1	12-0158	8866	1954-99	



1999-up TC-88



Chrome Gear Cover for all TC-88 Big Twins models. VT No. Years 42-0702 2001-up FXST, FLST, FXD, 2001-16 FLT 42-1054 Black, As Above 10-0813 1999-00 FLT, FXD 2000 FXST



Form Fitting Chrome Steel Cover fits over stock cam cases on 1999-up Big Twin TC-88, No need to remove cam case or disturb cams or gears. Covers are held in place by existing screws. Fits 2001-up FXST, FLST, FXD, 2001-16 FLT. VT No. 42-0121





Jims Cam Cover Heat Sink manufactured out of solid 6061 billet aluminum and reduces temperatures in the cam chest. Uses existing timing cover hardware. Fits 2001-16 FLT, 2001-up FXST, FXD and FLST. VT No. 16-1180

Cam Cover for 1973-99 Big Twin



10-0040





1999-up TC-88 Gear Cover Screw Sets.VT No.FinishType9946-20ChromeAllen9946-20-PPolishedAllen



Form Fitting Chrome Steel Covers fit over stock cam cases on Big Twins. No need to remove cam case or disturb cam or gears. Covers are held in place by existing screws. VT No. Fits 42-0111 1970-92 42-0118 1993-99







Chrome Cam Gear Cover fits 1973-92. Bushing and seal are installed. Gasket, mounting bolts, and washers are included in this kit. VT No. 10-0111

Nose Cone Gear Covers fit 1973-99 Big Twin models. Polished or chrome with bushings installed. Seal included.

VT No.	Years	Finish
10-1298*	1973-92	Black
10-0088*	1973-92	Polished
10-0040*	1973-92	Chrome
10-0111	1973-92	Chrome
10-0080	1993-99	Chrome
10-0297*	1993-99	Black
10-0798	1993-99	Chrome
	•	

*Note: Comes with mounting screws gasket and seal.



Cam Chest Kit fits 1987-99 Evolution, as shown with Sifton 140 cam. VT No. 10-0672



1970-92

9305-7

9306-7

8761-7

7402-7

Gear Cover Screw Sets.

1993-99

9819-12



Acorn



Stock Screw

Type Finis Stock Chror Stock Cadrr Allen Chror



Finish Chrome Cadmium Chrome Chrome

1984-99 Big Twin Pinion Hardware



BIG TWIN

		0	-33 Dig 1 will
1984-99	Big Twin Pir	nion	Hardware
VT No.	OEM	#	Year/Item
12-1184	275	1	1970-up Bushing Pin
12-1153	358	2	1970-up Dowel Pin
8761-7	Kit	4	1970-92 Chrome Allen Screw Set
9305-7	Kit	4	1970-92 Stock Chrome Screws
9306-7	Kit	4	1970-92 Stock Cadmium Screws
9633-50	6099	14	1970-up Washer, Chrome
12-0316	9058	18	1970-up Needle Bearing
37-8971	10046	19	1981-up Wire Clamp
12-0901	11002	20	1970-up Oil Pump Retainer Ring
12-0202	23985-54	23	1970-up Key, Gear Shaft
Note:	24/26 See C	hart f	or Pinion Gear Listing
12-0507	24023-54	25	1970-89 Pinion Gear Nut
12-0613	As Above	Jim	S
12-0512	24022-90	25	1990-92 Pinion Gear Nut
12-0577	7916A	25	1993-up Pinion Gear Nut
10-0703	24641-36	28	1970-up Oil Pump Shaft Bush
12-1539	24703-54B	29	1970-89 Pinion Gear Spacer
12-9922	24704-90	29	1990-up Pinion Gear Spacer
15-0871	25225-70B	33	1970-92 Gasket and Seal Kit
15-0872	25225-93	33	1993-up Gasket and Seal Kit
12-9906	25313-77	38	1978-99 Breather Valve, S&S
12-9957		38	As Above .030 O.S.
12-9909	S&S	37	Washers for Above (Set)
12-1537	25313-77	38	1978-99 Breather Gear, Sifton Steel
12-1531	25310-82	38	1982-90 1992-up Breather Valve(Plastic)
12-1530	Nylon	39	1982-up .130165 Set, 8 pk.
12-1533	25329-91		1991-up Big Twin Air/Oil Separator
12-1508	25550-36	43	1970-up Cam Gear
	Washer Set		.050095 (10 pieces)
10-1254	25550-84	43	1984-up .045 Thick, 5 pack
12-1440		43	.050 Cam Gear Washer
12-1441		43	.055 Cam Gear Washer
12-1425		43	.060 Cam Gear Washer
12-1426		43	.065 Cam Gear Washer
12-1427		43	.070 Cam Gear Washer
12-1428		43	.075 Cam Gear Washer

	-		
12-1429	20	43	18 44 46 43 54 29 24 33 38 37 39 39Å
			40.4.400
12-1430 12-1431		43 43	.085 Cam Gear Washer
12-1431		43 43	.095 Cam Gear Washer
12-1433		43	.100 Cam Gear Washer
17-0908	25550-57	44	
10-0705	25581-70	46	1970-up Bushing
10-2525	As Above	46	.005 Oversize
10-0708	25582-73	47	1973-92 Bushing Standard
10-2529	As Above	47	1973-92 Bushing .005 Oversize
10-8536	25582-93	47	1993-up Bushing
10-8556		47	1993-up Bushing .005 O/S
12-1407		50	1973-up Drive Gear, 24T
12-0805	26346-70	52	1970-up Gear Shaft
12-0205		53	1936-up Oil Pump Key, 10 pack
12-1392		54	1984-89 Drive Gear
12-1438 12-1439		54 54	1990-92 Drive Gear 1993-up Drive Gear

Cam Kit



Sifton Evolution Pushrod Performance Cam Kit includes cam E-Z install pushrods, chrome tappet bases and roller tappets. .495 lift cam. VT No. 11-1600

12-1439



Pinion Shaft Conversion Package Kit includes 1977-89 red pinion gear, 1954-89 pinion shaft oil pump drive gear, 1954-89 pinion shaft gear spacer and 1954-89 pinion shaft gear nut. VT No. 10-2585

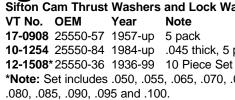




Cam Bushing Kits Big Twin kits include cam and gear shaft bushings/bearings with lock pins and thrust plate.

VT No. Year 10-8272 1993-99 10-8260 1973-92 10-8261 1970-72

Cam Bushing Kit 17-0908 Sifton Cam Thrust Washers and Lock Washers.



10-1254 25550-84 1984-up .045 thick, 5 pack *Note: Set includes .050, .055, .065, .070, .075,



Camshaft for Evolution



COMPETITION Winning With Innovation!

VT No.	Year	Application Hydraulic	P/N	Duration @ 053		Valve Lift		Valve Timing Open/Close		Lift @ TDC	
		•		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust
10-5000	84-99	Good for stock replacement	EVL2000	220	214	.480"	.456"	2/38	35/1	.059"	.049"
10-5001	84-99	Good for two-up riding and pulling trailers	EVL3000	224	224	.500"	.500"	10/34	34/10	.080"	.080"
10-5002	84-99	Good low end torque and midrange in stock motor	EVL3010	234	234	.500"	.500"	15/39	39/15	.096"	.096"
10-5003	84-99	Strong midrange pipes, carburetor	EVL3020	240	240	.500"	.500"	18/42	42/18	.106"	.106"
10-5004	84-99	Strong midrange good roll-on in high gear. Carburetor, pipes and headwork	EVL3030	240	240	.530"	.530"	16/44	44/16	.099"	.099"
10-5039	84-99	Mild performance in light bike. Pulls hard through power range. Need carb pipes and valve springs.	EVL3040	242	242	.510"	.510"	17/45	50/22	.101"	.117"
10-5006	84-99	Good performance with carburetor, pipes and springs. More top end.	EVL3050	252	252	.510"	.510"	22/50	50/22	.117"	.117"
10-5008	84-99	Hot streets/strip cam. Recommended for big inch motors. Must increase compression. Valve springs, headwork, carburetors and pipes a must. 7,000 RPM.	EVL3070	270	274	.608"	.608"	29/61	63/31	.144"	.149"

V-Thunder by Comp Cams X-Treme Energy Cams for 1984-99 Evolution Big Twins are designed to maximize torque, acceleration and throttle response while providing excellent high RPM horse power.

		Duration Va @ .053		Valve I	Lift	Valve Ti Open/C	5	Lift@TD0	C
VT No.	Application	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust
10-5038	For serious power in 88 cubic inch and up with 10.5:1 compression.	268	272	.601	.601	32/56	64/28	.263	.240

BASE 1984-99 Cam for Evolution



	Duration .053" Gros		053" Gross Valve Li		Series	Type and Application			
	Open/	Close	Int.	Exh.	Grind#				
VT No.	Int.	Exh.							
10-8255	226	236	.490ª	.490ª	Hydraulic	Hydraulic Bolt-in. Broad power range for streetable performance. Works well with stock			
	12/34	41/15			Fire Ball	compression ratio and stock exhaust. No spring change required. Basic RPM idle-4000. Does not have multi-index gear. Cam lift at TDC: Intake: .094" Exhaust.: .093".* Replaces			
					300-2B	EV-13.			
10-8535	236	242	.490ª	.490ª	Hydraulic	Hydraulic Bolt-in Street performance for heavier bikes that are slightly modified. Can be used with stock compression or increased up 9.5:1. Complements exhaust and intake modifications. No			
	16/40	43/19			Fire Ball	stock compression or increased up 9.5:1. Complements exhaust and intake modifications. No spring change required. Basic RPM 1500-4500. Replaces EV-3. Cam lift at TDC: Intake: .101"			
					310-2	Exhaust: .114".*			
10-4386	242	252	.490ª	.490ª	Hydraulic	Hydraulic Bolt-in designed for speed or touring. Works well with engine modifications.			
	19/43	48/24			Fire Ball	Works best with 9.5:1 compression ratio. Early Evolution's that do not have notched			
					316-2B	pistons must be checked for valve to piston clearance. Basic RPM 2000-5000. Replaces EV-35. Cam lift at TDC: Intake: .110" Exhaust: .127".*			
Note: a Gross Valve lift f	or Evoluti	ion with 1	.6 Rock	er Arm Rat	io.				
To convert cam lift to va	alve lift, n	nultiply th	e cam li	ft figure by	the Rocker /	Arm Ratio: Evo-1.6			



ANDREWS Cam for 1984-99 Evolution

For a better street cam for a stock motor, a big lift cam for a dragster or in between, Andrews Products can supply it. All cams are computer designed and precision ground from alloy steel billets.

		· · - ·		<u> </u>		
						designed to maximize Evolution motor performance while retaining hydraulic tap-
						Note Shovelhead and V2 cams are not interchangeable.
VT No.	Grind	Timing*	Duration	Lift	Springs	
_	Stock	01/37	218	.495	STOCK	Listed for comparison. 1984-87 cam is 212° intake 202° exhaust
	89-91	53/01	232	.495		.472" lift on both valves.
—	Stock	-02/30	208	.472	STOCK	Listed for comparison. 92 cam very close to 84-87 specs.
	92-95	31/-09	202	.472		California cams are approximately 178° duration.
10-1171	EV13	15/31	226	.485	STOCK	Bolt-in cam for street or touring with more mid range and upper
		45/13	238	.495		end power more power than stock EV cam.
10-1123	EV23	10/30	220	.498	STOCK	Bolt-in cam. Crisp throttle response and strong pulling power from 1500 to
		40/8	228	.498		6000 RPM.
10-2651	EV3	21/37	238	.495	STOCK	Bolt-in cam for light bikes (FXRS, etc). More mid range power. Idle smooth-
		43/15	238	.495	0.001	ness unaffected. This is a 6000 RPM cam for stock heads and springs with
		1.0, 1.0		1.00		hydraulic tappets.
10-1180	EV27	20/36	236	.495	STOCK	Bolt-in street cam with fast open and close ramps. Similar timing to
		44/16	240	.495		EV3 but designed to produce a broad torgue band. Pulls 1500-6000.
10-1146	EV46	25/41	246	.495	STOCK	Bolt-in performance with fast open and close ramps. Similar to EV3
		49/17	246	.495		but higher static compression pressure for 6000+ RPM with stock heads and
						hydraulic tappets.
10-1183	EV51	28/44	252	.510	STOCK	Easy installation with longer duration for modified street engines
	2.01	54/22	256	.510		with hydraulic tappets. Power range from 3000-6500 RPM.
10-1181	EV59	28/48	256	.560	HI-LIFT	Updated EV57, fast ramps for modified 80-88" motors. Use with AP
	2.00	56/24	260	.560		springs and collars. Broad power band; 6000 RPM, okay for hydraulic tappets.
10-1182	EV72	30/54	264	.560	HI-LIFT	Updated EV7, for 92" + Street. Use with Andrews springs and titanium
10-1102		60/28	268	.560		collars. Broad power band; 2800-6000 RPM, okay for hydraulic tappets.
*Neter Tin		red at 053		.000	1	ן טוומוס. בוטמע בטיעבו שמווע, בטטט-טטטט הרועו, טאמע וטו וועטומעווט נמטטפנג.

*Note: Liming measured at .053 cam lift

S&S Performance Camshaft

10-5075	ය්	AD	Value Timino Deste Timino	Valve Timing +	Valve Du	lighe "ation	Valve Duration Exhaust Valve J	1	Lift @ The	Requirer +	Requirements Ferritements Tapper Type
VT No. 10-5049	S&S 520	Engines to 96" with 8.5 to 10:1 Comp ratio. Good low end mid range		50°/2°	220°		.520"	.086"	.094"	Yes	Hydraulic
10-5053	S&S 546	For 4" Bore Engines 9.1:1 to 10.1:1 CR	5°/55°	52°/5°	240°	237°	.546"	.126"	.106"	Yes	Hydraulic
10-5076	S&S 561	Best cam for 80" to 93" 9.5:1+ CR engines.	32°/40°	50°/26°	252°	256°	.560"	.252"	.210"	Yes	Hydraulic
10-5054	S&S 585V	80" to 96" Engines 10:1-10.5:1 Comp Ratio	20°/45°	60°/20°	245°	260°	.585"	.186"	.180	Yes	Hydraulic
10-5055	S&S 600	80" to 96" Engines 10.5:1-11:1 Comp Ratio	20°/55°	60°/20°	255°	260°	.600"	.218"	.198"	Yes	Hydraulic
10-5056	S&S 640	Big Inch Engines 10.5-11:5.1	26°/50°	65°/20°	265°	265°	.640"	.222"	.192"	Yes	Hydraulic
*Note: Timing de	signation	is function of zero lash @	053" off b	ase circl	e.						-

For

+Lifts at TDC are measured at the valve and are for reference only. Overlap valve lifts must be checked on assembled engine. Minimum valve to valve clearance of .040" is recommended.



Sifton Stock Cams are replica type. Also available with Sifton Identification matching pinion gear.

Cam Kit OEM check these Cam Fits applications: 10-8188 24582-88 1987-90 Evolution (OE) ____ 1987-99 10-8172 24582-88 1987-90 Evolution **Evolution**



For Big Twi	าร								
VT No.	Year	Cam	Degrees	At .053	Lift	TDC	Travel to	Free	
For 1987-99	Evolution								
10-0621		140 Ev	Open	Closes	Total	TDC	Coil Bind	Travel	
		Inlet	30	42	.450	.222	.480	.530	
		Exhaust	55	27	.450	.177	.480	.530	
Viper (146 E	Evolution) Cam	delivers excellent p	erformance throug	hout the RPM rar	nge. Bolt in street	cam with first oper	n & close ramps.		
10-8182	1987-99	495	20°	36°	.495	.236			
			44°	16°		.240			

2006 FXST, I	- 88 Camshafts are a FLT and 1999-2005 D th roller chain drive. A	ivailable te Dynaglide	o fit stock ty with silent	/pe chair chain dri	n drive o ve. Late	or S&S ge style car	ear drive. ns fit 200	Early style o 7-16 FXST,	, FLT and 2006-up
VT No.	Drive Type	Grind	Timing*	Dura .053	ation .020	Valve Lift	Lift @ TDC	Springs	Application
10-6309	Late Roller Chain	09H	02/28 40/-04	206 216	242 252	.492 .486	.075 .075	Stock	Bolt-in cam more power through entire RPM range
10-8162**	Late Gear Drive	12	37/05 02/34	220 216	259 256	.474	.110 .088	Stock	Bolt-in cam with similar specs to stock 06 Dynaglide cams. Slight power increase. No retuning necessary.
10-8121 10-8130** 10-8163**	Early Chain Drive Early Gear Drive Late Gear Drive	21	10/30 40/08	220 228	255 264	.498 .498	.134 .121	Stock	Bolt-in cam with more torque. All around riding with stock comp. ratio and heavy bikes. 21 Cams work well with fuel injection or carburetors. (1700-4800 RPM)
10-8127 10-8131** 10-8139 10-8164**	Early Chain Drive Early Gear Drive Late Roller Chain Late Gear Drive	26	11/35 41/09	226 230	262 266	.490 .490	.138 .112	Stock	Bolt-in cam for low RPM torque; FLT, etc. For two up touring, this cam will add more torque and HP at lower and middle RPM range.(1800-5500 RPM) 26 Cams work well with fuel injection or carburetors
10-8141 10-8142** 10-8143 10-8189**	Early Chain Drive Early Gear Drive Late Roller Chain Late Gear Drive	31	10/46 52/08	236 240	272 276	.510 .510	.131 .120	Stock	Great cam for motors with 95+ inches and 10:1 compression ratio, lower TDC lift means easy installation similar to 37 but different timing. 2400-5800 RPM power range.
10-8191** 10-8192 10-8193**	Early Gear Drive Late Chain Drive Late Gear Drive	32	10/46 52/08	236 240	272 276	.510 .510	.131 .120	Hi Lift	Hi-Lift version of 31 much more power thru RPM range with 10:1+ compression ratio 2800-5800 RPM Power Range
10-8137 10-8132**	Early Chain Drive Early Gear Drive	37	18/38 46/14	236 240	272 276	.510 .510	.174 .148	Stock	Twin 88's with this bolt-in cam grind have shown 80+ rear wheel HP. Smooth idle, broad torque band. Runs (2200 5600 RPM)
10-6348 10-8146	Late Roller Chain	48	13/29 43/15	222 238	257 273	.548 .548	.153 .163	Stock	Broad tip cams for Baggers with stock motors. Max torque at low and mid RPMs.
10-8147 10-8195**	Late Roller Chain Late Gear Drive	44	49/17	246	283	.495	.158	Stock	Engines with 88 inches 9.5 compression ratio or higher. Maximum torque and HP at middle and upper RPM.
10-8154 10-8210** 10-8211**	Early Chain Drive Early Gear Drive Late Gear Drive	54	16/42 43/15	238 238	273 273	.555 .555	.165 .158	Hi-Lift	Specifically designed for 96 and 103 engines with compression ratio up to 10:1 (2200-5600 RPM range).
10-8150 10-8134** 10-8148 10-8196**	Early Chain Drive Early Gear Drive Late Roller Chain Late Gear Drive	50	20/48 54/18	248 252	283 287	.510 .510	.184 .168	Stock	Cams for maximum torque and HP higher RPM ranges. For lighter bikes and engines with 9.5 compression ration (or higher) and 88-95 inches (2600-6000+ RPM).
		+	+	ł	+			+	

Camshaft Kit for TC-88

*Note: Timing and duration listed for .053 cam lift. **Note: Requires S&S Gear Drive

Early Chain Drive

Early Gear Drive

Late Roller Chain

Early Chain Drive

Early Gear Drive

Inter Gear Drive

Early Gear Drive

Late Gear Drive

Early Gear Drive

Late Gear Drive

Early Gear Drive

Late Gear Drive

Late Gear Drive

55

60

67

59

64

22/46

52/20

24/56

58/22

24/48

58/22

29/57

63/27

30/62

66/30

248

252

260 260

252

260

266

270

272

276

550

.550

.560

.560

.570

.570

.590

.590

.640

.640

.197

.181

.205

.205

.209

.187

.238

.218

.262

.232

283

292

296 296

287

297

303

307

307 312

Hi-Lift

Hi-Lift

Hi-Lift

Hi Lift

Hi-Lift

inches.

10-8155

10-8156

10-8197**

10-8151

10-8136**

<u>10-8198**</u>

10-8149**

10-8199**

10-8152**

10-8200**

10-8153**

10-8209**

10-8135**



Cams for maximum torque and HP at higher RPM ranges.

For a well prepped engine with 95 inch cylinders and head work, 100+ HP is within reach. Tuning also includes exhaust changes (2400-6000+ RPM).

For engines with 9.5 compression ratio or higher and 88-95

Performance Cam for 95-107+ inches, 10:0 to 10:8 com-pression ratio with high flow head setup (2600-6400+RPM)

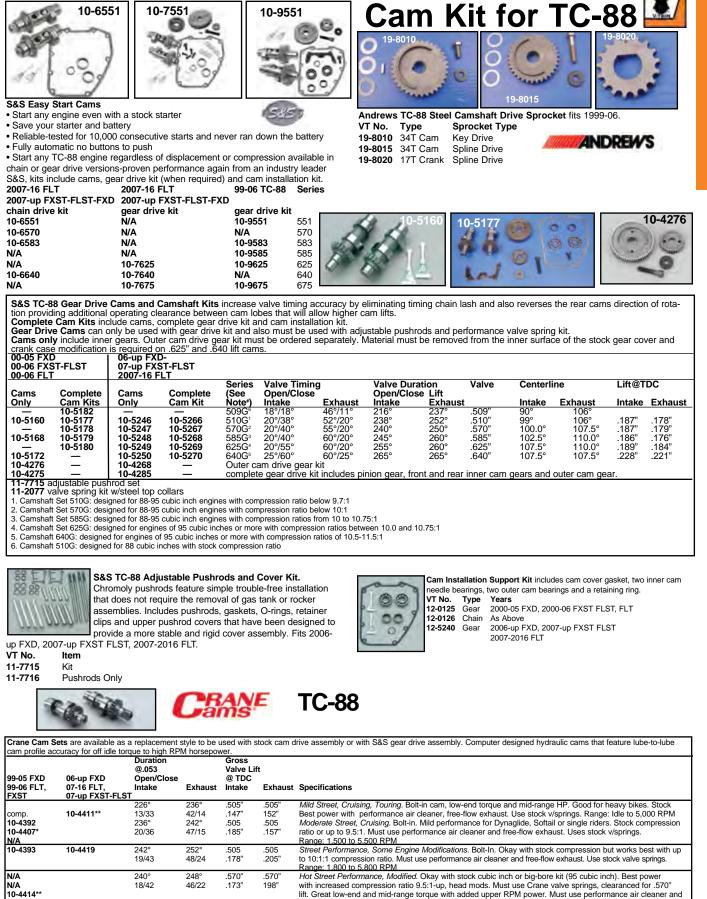
Great cam for 95-107" inches 10:2 compression ratio or higher max torque and HP (2700-6500 RPM).

Big cams for modified 95-116+ inch motors running 10:2 compression ratio or higher. Heads must be set for

.700 lift and modified for max air flow (3000-6500 +RPM)

Andrews TC-88 Cam Upgrade Kit for converting all 1999-06 Twin Cam Big Twins to the 2006-up roller chain drive with hydraulic chain tensioners. Instead of super powered spring adjusters the roller cam chain adjuster uses engine oil pressure to maintain proper chain tension and roller chain camshafts have larger journal bearing for extra support on the sprocket shaft ends. Kit includes cams only and requires separate purchase of 2007-up oil pump, support plate, chain tensioners sprockets and hardware. See camshaft components page for additional parts required to complete conversion. Note: For 1999, 2000 and 2001 engines a rear cam drive sprocket with an ignition trigger ring must be used.

				Dur	ation				
VT No.	Grind	Timing*	CL	0.053	0.020	Valve Lift	Lift @ TDC	Springs	Application
10-6821	21N	10/30 40/08	100 106	220 228	255 264	0.498 0.498	0.135 0.121	Stock	Bolt-in cam: More torque for all around riding with heavy bikes, stock com- pression ratios and stock pistons. Similar to #23 cam for EV80 (1700-4800 RPM).
10-6826	26N	11/35 41/09	102 106	226 230	262 266	0.490 0.490	0.138 0.120	Stock	Bolt-in cam 88-95 inches and stock compression ratio. Great for two up tour- ing, this cam will add torque and HP at lower and middle RPM ranges (1800- 5200 RPM).
10-6831	31N	10/46 52/08	108 112	236 240	272 276	0.510 0.510	0.131 0.120	Stock	Great cam for motors with 95 inches and 9.8 to 10.2 compression ratio. Lower TDC lift for easy installation. Similar to TW37 with different timing. (2000-5600 RPM).
10-6837	37N	18/38 46/14	100 106	236 240	272 276	0.510 0.510	0.174 0.148	Stock	For engines with 88 or 95 inches and compression ratios from 9.5 to 10.2 compression ratio; Max torque range; (2300-5800 RPM).
10-6850	50N	20/48 54/18	104 108	248 252	283 287	0.510 0.510	0.184 0.168	Stock	Designed for easy installation in 95 inch motors with stock heads for 9.5 to 9.8 compression ratio. (2400 to 6000 RPM).
10-6855	55N	22/46 52/20	102 106	248 252	283 292	0.550 0.550	0.197 0.181	Hi-Lift	Great cam for 95 inch with 9.8 to 10.2 compression ratio. Max HP-torque at mid and upper RPMs (2600 to 6200).
10-6015	5015 Sprocket with trigger rign for 1999-01 applications only								



free-flow exhaust. Range 1.800 to 5.800 RPM Max Hot Street, Modified. For modified engines. Higher compression, 10.5:1-up big-bore kits, head

modifications, etc. Must use Crane valve springs, clearanced for .600" lift. Strong mid-range torque with

upper RPM power. Must use performance air cleaner and free flow exhaust. Range: 2,000 to 6,200 RPM

Note: Use S&S Gear Drive Assembly 10-4275

10-4395

10-4416**

**Note: Cam and lifter kits include replacement style cams and Crane Performance tappets

260

56/24

.600

.211

.600

.206'

254

25/49



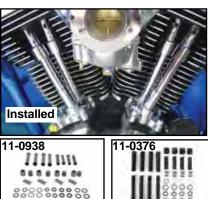


Pushrod Cover for TC-88



Chrome Billet Pushrod Cover Set for TC-88 engines and includes seals and O-Rings necessary. Replaces 18096-00. Fits 1999-up FXST, FLST, FXD and 1999-2016 FLT.

VT No.	ltem
11-0943	Billet Kit
11-9969	Inner Steel Tubes



Replica Pushrod Cover Kit for TC-88 models and includes all pieces necessary for installation. Fits 1999-VT No. Finish up FXST, 11-0938 Chrome FLST, FXD and 1999-11-0376 Black 11-8081 Titanium Plated 2016 FLT.

Tappet



Chrome Billet Pushrod Cover and Tappet Base Kit for TC-88 fits 1999-up FXST, FLST, FXD and 1999-2016 FLT. VT No. 42-0937



Crane Hydraulic Roller Tappet provides improved RPM capability, superior reliability and quieter operation. Features include use of a precision, hardened ball-type valve to provide superior sealing and lash control. A rotating check ball prevents localized wear and pitting. Fits 1999-up. VT No. 10-2200

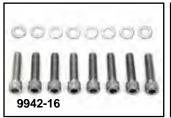


Jims TC-88 Powerglide Standard Tappet Assemblies. Sold each. VT No. Туре

10-0568 Hydra II 10-0569 Hydro Solid II



Powerglide II[™] Advantage for TC-88. VT No. Type Size 10-0568 Hydraulic Tappet Standard 10-0571 Hydraulic Tappet .005 10-1811 Hydraulic Tappet .010 **10-0569** Hydrosolid Tappet Standard





Tappet Base Bolt Sets for 2000-up TC-88 without taper. Fits 1999-up FXST, FLST, FXD and 1999-2016 FLT. VT No. Type 9942-16 Allen

9942-16-P Allen Polished





TC-88 Replacement Hydraulic Tappet replaces 18538-99. Sold each. Standard size.

Brand
Sifton
Sifton Set
Sifton (anti pump)
Sifton (heavy springs)

TC-88 V-Thunder Hydraulic Roller Tappet available in High Energy which is a performance replacement for the stock tappet or Pro Magnum which is designed to perform at higher engine speeds. Both feature a unique anti-pump up retainer designed to replace the stock retainer clip which precisely limits plunger travel. Standard size, sold each. VT No.

Item 10-8750 High Energy 10-8751 Pro Magnum





TC-88 Chrome

Tappet Top replaces 17964-99 front and 17966-99 rear. Fits 1999-up FXST, FLST, FXD and 1999-2016 FLT. VT No. 10-0811

Chrome Billet Tappet Bases for TC-88 models. Fits 1999-up FXST, FLST, FXD and 1999-2016 FLT. VT No. 10-0815





Sifton Quick Install Pushrod Sets are designed to be installed without removal of rocker boxes or cylinder heads. Precision made from 4130 chromoly tubing. For TC-88 Fits 1999-up FXST-FLST, FXD and 1999-16 FLT. VT No. 11-9708



"Elevator" Solid Tappet Conversion Set raises the tappet top for better pushrod angle of travel. Fits 1999-up FXST-FLST-FXD and 1999-16 FLT.

VT No. Item 10-0786 Tappets 11-0843 Pushrods 11-1067 Cover Set

11-0865 Kit, see web for instructions

S&S TC-88 Adjustable Pushrods and

Cover Kit. Chromoly pushrods feature simple trouble-free installation that does not require the removal of gas tank or rocker assemblies. Includes pushrods, gaskets, O-rings, retainer clips and upper

pushrod covers that have been designed to provide a more stable and rigid cover assembly. Fits 1999-up FXST-FLST- FXD and 1999-16 FLT.

VT No. Item 11-7715 Kit 11-7716 Pushrods Only



V-Thunder Big Twin Pushrod Kits are made from .049 wall 4130 chromoly steel tubing. Exacting tolerances for reliability. Fits 2000-up TC-88 with stock blocks. *Note: Saves time without the disassembling of the heads or tappet blocks. Fits 1999-up FXST-FLST-FXD and 1999-16 FLT.

VT No. 11-7013*





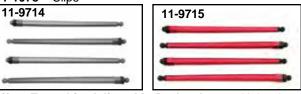
Performance Pushrod Sets for TC-88 are E-Z install type which are designed to be installed without removal of the heads or rocker boxes. Rods feature chromoly tube construction with rolled thread adjusters. Fits 1999-up FXST-FLST-FXD and 1999-16 FLT.

VT No. Brand

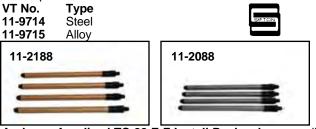
11-0824 Sifton **Note:** Pushrod covers only.

11-9709 Complete Kit, Pushrods and covers

11-1078 Clips



Sifton Taper Lite Adjustable Pushrods are with hardened adjusters and ball ends. Designed to be installed without removing gas tank, rocker box or camshaft cover. Set of four. Fits 1999-up FXST-FLST-FXD and 1999-16 FLT.



Andrews Anodized TC-88 E-Z Install Pushrods are available in chromoly or aluminum. Installation does not require removal of tank or rocker boxes. All are stock diameter, so there is no cover interference. Fits 1999-up FXST-FLST-FXD and 1999-16 FLT.

VT No. Type 11-2188 Aluminum 11-2088 Chromoly



Pushrod for Evolution 1984-99



Sifton™ Quick Install Pushrod Sets are designed to be installed without removal of rocker boxes or cylinder heads. Precision made from 4130 chromoly tubing. Fits Evolution Big Twins 1984-99, VT No. 11-9707



Tapered Adjustable Pushrods are manufactured from 4130 steel with hardened adjusters and ball ends. Designed to be installed without removing gas tank, rocker box or camshaft cover. Set of four. Fits Evolution Big Twin hydraulic or solid.

VT No. Brand 11-9702 Rivera 11-9711 Sifton



Solid Tappet Adapter Kit permits use of hotter cam to run solid tappets by deactivating the hydraulic portion of the stock tappets, uses stock pushrods for 1340 models.

VT No. Fits 11-9542 1984-Early85 11-9543 Late1985-99





Crane Adjustable Pushrods made from aircraft grade seamless 4130 chromoly steel tubing and heat treated to 128,000 psi tensile strength for a stronger and lighter than stock pushrod. New style adjuster helps minimize the effects of poor geometry found in stock pushrods, the smaller diameter eliminates pushrod "rub" completely. Set contains two intake and exhaust pushrods. These are not the time saver type.

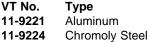
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VT No. Fits
7132-89 With stock hydraulic tappets
7132-96 With long stroker cylinders
```

162

E-Z Pushrod Sets designed to be installed without removal of the heads or rocker boxes. Rods feature chromoly tube construction with rolled thread adjusters. Fits Evolution 1340. **VT No. 11-7713**



Andrews E-Z-Install Evolution 80 Pushrods are available in either aluminum (6061T6) or steel (4130 moly). Kits include four adjustable steel or aluminum pushrods which will install without removing tanks or rocker boxes.





Andrews Pushrods available in chromoly steel or aluminum, adjustable or fixed type as noted. All are stock diameter, so there is no cover interference.

VT No.	Adjustable
11-9865	Aluminum
11-9866	Chromoly



Sifton Performance Cam Kit includes cam E-Z install pushrods, chrome tappet bases and roller tappets. .495 lift. Fits Evo. VT No. 11-1600



V-Thunder Evolution Pushrod Sets are made from .049 wall 4130 chromoly steel. Exacting tolerances for reliability. VT No. 11-7712 is a 2-piece style which can be removed or installed without disassembling heads. These rods fit stock or Velva Touch Tappet units. *Note: Saves time without the disassembling of the heads or tappet blocks

VT No.	Application
11-7710	Stock
11-7711	Stroker
11-7712*	Stock





Sifton Chrome 1986-99 Tappet and Pushrod Assembly includes four tappet units, four pushrods and a tappet base set with screws and gaskets.

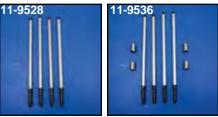
VT No. Type 11-0350 Hydraulic 11-0356 Solid

Pushrod for 1984-99 Evolution



Sifton Solid Tappet Kit for Evolution 1340 includes four (4) solid tappets, standard size, with rollers installed and four (4) adjustable pushrods.

VT No. 11-9630



Adjustable Evolution Pushrod Sets. VT No. Style Year

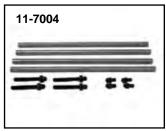
11-9528 Hydraulic 11-9536 Solid 1986-99 1984-Early 85



S&S Limited Travel Spacer Kit for Hydraulic Tappets. Designed to maximize the efficiency of the stock hydraulic tappets. Kit consists of four (4) machined heat treated and ground spacers when installed in the tappets. They reduce the travel of

the hydraulic unit in high RPM situations thereby eliminating potential damage to the engine due to high RPM valve float. Under normal conditions they allow the tappets to operate as designed resulting in low valve train maintenance and minimal noise. **VT No. 10-8532**





Comp Cams "Build Your Own" Stroker Pushrod Kits are designed for stroker motors with tall cylinders. Feature 7/16" diameter tubing in either .049 wall thickness with press-in ends on .080 wall thickness with screw in ends.

VT No.	End Type
11-7003	Press In
11-7004	Screw In





Sifton Hydraulic Tappet Assembly Sets of 4, feature centrifical surface fine grinding and precision fit rollers and pins. VT No. Size 10-0779 Standard 10-0780 .002 10-0781 .005



Sifton



Evolution Big Twin Replacement Hydraulic Tappets. Replaces OEM# 18523-86A. Sold each

each.	
VT No.	Size
10-8373	Standard
10-8374	.002
10-8375	.005



Crane Evolution Hydraulic Roller Tappet Performance Assemblies features precision ground plunger, high strength pushrod seat and a heavy duty wafer for positive sealing. Sold each.

VT No. 10-2050



Tappet Roller Repair Kit includes four pins and four roller assemblies.

VT No.	Brand
10-2534	V-Twin
10-0529	Crane
10-0934	Maxi and Pin



Sifton Hydraulic Tappet Unit Sets feature maxi-axle roller and pin design and unique "no-bleed" integral pump unit. Unique pump design features full hydraulic action up to 5000 RPM, then act as solid. Set of four.

VT No. Size 10-0583 Standard 10-0584 .002



Power Glide Evo Hydraulic Tappets available as individual units replacing 18523-86 in standard and .005. **Big Axle** Size Standard

10-0645

Jims Powerglide Steady Roll Tappet feature a special bronze alloy roller bushing in place of stock type loose needle roller bearing.

Size	1984-98 FXST, FLT	1999-up FXST, FLST
Standard	10-1824	10-1827
.002	10-1825	10-1828
.005	10-1826	10-1829

.005



Sifton™

10-8256

10-8257

10-8258

Item

Set of 4

Evolution 1340 Solid Tappets can only be used with adjustable pushrods. Jims brand sold each. Sifton™ brand sold in set of four.

Jims Big Axle	
10-0636	
10-0637	

lics.

VT No.

10-7391

Size Standard .005 .010



Jims Hydrosolid Big Axle Tappet Assemblies have a built in anti-pump device, perform like a hydraulic from start up to about 5500 RPM and turns into a solid at 5600 RPM.

V-Thunder Evolution Replacement Tappet features precision grinding and performance hydrau-

VT No. Size Standard 10-0657 10-0658 .002

Hydrosolid Internals Hardened Pushrod Seat

Oil Control Disk

Hydraulic Cylinder Steel ground to 10 finish. Hand fit to .0002 using air gauge, the most accurate means of measurement.

The valve, super flat fit to hydraulic body

Spring to help control hydraulic body

Tappet body is heat treated and ground

The roller axle, crimped to 3000 PSI to stop inner race from turn-ing. The axle hole is held perpendicular to the outside diameter of the tappet within .002

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Tappet Blocks for TC-88



BIG TWIN



TC-88 Chrome Tappet Top replaces 17964-99 front and 17966-99 rear. Fits 1999-up FXST-FLST-FXD and 1999-16 FLT.

 VT No.
 Type

 10-0811
 Top Kit

 11-1403
 Screw Kit

Tappet Base Bolt Sets for Big Twin models.

1976-up with Stock Tappet Blocks. ¼ — 20 thread without

laper.		
VT No.	Туре	Finish
7628-8	Acorn	Chrome
8726-8	Allen	Chrome
8709-8		Cadmium
	12 point	
	12 point	Black
8709-8T	Hex	Zinc





Billet Tappet Blocks are machined from solid blocks. Made and polished by Jims, sold pairs. Fits 1985-99 1340 Big Twin Evolution.

VT No. 10-0069



S&S Tappet Block Sets for V-2. The burnished aluminum finish matches S&S cylinder heads and crankcases. Blocks accommodate a cam, base circle of .960", with up to .630" lift. Screws and gaskets included.

VT No. Fits 11-9290 Big Twin 15-0715 Gasket Rear 8708-8 Screws 12 point ¼"-20 x 7%"



Fits 1999-up FXST-FLST-FXD and 1999-16 FLT.

Chrome Billet Tappet Bases for TC-88 models. Gaskets included. VT No. 10-0815



Tappet Base Bolt Setsfor 1999-up TC-88 withouttaper. Fits 1999-up FXST-FLST, FXD and 1999-16FLT.VT No.Type

FLT. VT No. Type 9942-16 Allen 9942-16-P Allen Polished

Tappet Blocks for Evo

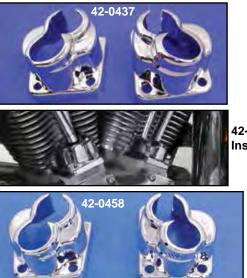


Chrome Tappet Guide Set includes front and rear tappet guide. Fits all 1984-99 1340 Evolution Big Twin.

 VT No.
 Item

 11-9506
 Tappet Block Set

 15-1542
 Gasket Kit



Chrome Evolution Tappet Covers fit over stock blocks. Each cover has a slot which allows it to be installed without removing pushrods. Install by lifting the pushrod tube cover and inserting the covers. Fits 1985-99 Big Twins.

VT No.	Туре
42-0437	Steel
42-0458	Die Cast

42-0437 Installed



165



000 00

Pushrod Cover and Seal for Evolution



11-0909

11-0359

V-Twin Chrome **Pushrod Cover** Kits in stock style gives all the parts needed for complete installation. All are sixteen piece kits for 1984-90 Evo. VT No. Finish 11-0909 Chrome 11-0359 Black 11-1090 Titanium



Chrome Pushrod Cover Set with chrome tappet base covers as a complete dress up kit for 1984-99 Big Twin Evolution. VT No. 42-0903



Chrome Billet Pushrod Cover Kit fits 1984-99 Evolution models. VT No. 11-0945



Chrome Head and Spark Plug Cover fits 1986-99 Evolution models. Covers are held in place by rubber inserts supplied. VT No. 42-0929

Head Bolt Cover Sets Chrome Head Bolt Covers

Year

1983-84

1985-99

1985-99



fit Big Twin models. VT No. Type 37-8897 Smooth 37-9131 Grooved 1985-99 37-8799 Smooth 42-1092 Brass



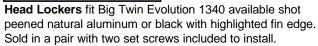
Headbolt Covers fit over 12 point headbolts on 1986-99 Evolution models. Evolution styles include four pieces for left side only. Styles include hex acorn or cap with chrome finish. Allen wrench included.



VT No. Style 9000-4 Acorn 9002-4 Cap

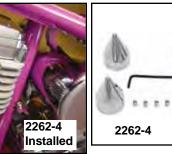






Aluminum Black		Year
42-0772	42-0774	1986-91
42-0773	—	1992-99







Cam Head Bolt Cover for Evolution/ Twin. Headbolt covers to hide dull 12 point headbolts on late 1985-up FL-FX. Installation with set screw. VT No. Style Hex Dome 2024-4 2262-4 Spike



Chrome Head and Spark Plug Cover fits 1986-99 Evolution models. Covers are held in place by rubber inserts supplied. VT No. 42-0929



1984-99 Chrome Billet Pushrod Cover Kit includes all pieces and seals for complete installation on Evolution Big Twin models. VT No. 11-0947



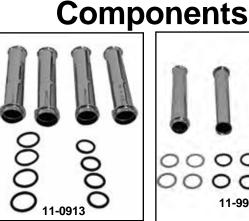
Replacement Chrome Upper Pushrod Cover Kits (Outer). Each kit contains 4 chrome clips, 4 springs, 4 cork gaskets, and 4 steel washers.

VT No.	Brand	Fits
7508-20	Colony	Evolution
7508-20T	V-Twin	Evolution
11-0928	V-Twin	Evolution
9970-20	Colony	TC-88, 1999-up FXST, FLST, FXD,99-16 FLT
11-1206	V-Twin	TC-88, 1999-up FXST, FLST, FXD,99-16 FLT





11-0915	Pushrod	Cover Individual Parts, in chrome	steel
11-0915	VT No.	Model	U/M
10	11-0915	1966-99 BT Clip Stock	4
- 11	11-0942	1999-up TC-88 Clip	4
\geq		99-up FXST, FLST, FXD, 99-16 FL	Т
	11-0917	1936-up Cup	4
	13-0101	Spring	10
-	12-0711	Washer, Inner	10
0 11	12-1157	Washer, Lower, Evolution	20
	15-0117	Large Cork	100
	15-0116	Small Cork	100
	-		





Lower Pushrod Tube Sets. **Chrome Plated** VT No. Brand Fits

11-0913 V-Twin 1984-99 Evolution 9202-12 Colony 1984-99 Evolution 9968-12 Colony TC-88; 1999-up FXST, FLST, FXD, 99-16 FLT 11-9970 V-Twin TC-88; 1999-up FXST, FLST, FXD, 99-16 FLT

Pushrod Cover

	steel.	ad Pushrod Covers in zinc plated
	VT No.	
	11-0908	V-Twin
	9213-4	Colony
	9969-4	Colony, TC-88
		99-up FXST,FLST,FXD,99-16 FLT
11-0908	11-9969	V-Twin, TC-88, As above



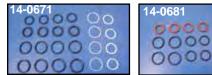
Pushrod Cover Cups feature die-cast construction in chrome

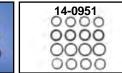
or gold, set of four. VT No. Item 37-9078 Chrome Skull 37-9079 Gold Skull 11-1073 Brass Hex





Pushrod Seal Kits





Pushrod Cover Cork-Seal Kits include enough pieces to seal 4 complete pushrod covers on years listed. Rubber seals. James VT No. Model/Year

14-0671 14-0951

1984-99 Big Twin 1340 Evolution



TC-88, 99-up FXST,FLST,FXD, 99-16 FLT Pushrod Cover Rubber Seal Kit includes twelve (12) machined rubber seals for Big Twin Evolution.1984-99.

VT No. Type 9529-12 Black

14-0981 Blue

Blue Silicone Seals are lathe cut, then ground with perfect outside diameter finish, to withstand heat, oil and gas.

VT No. Item 14-0028 Small Push Rod 14-0029 Large Push Rod

U/M 50 pack 50 pack

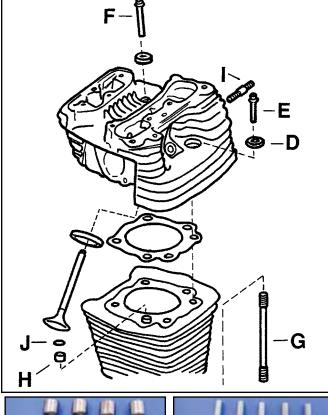


Pushrod Tube Quad Seals and O-Rings. Quad Seals feature four side seal design, 10 pack.

VT No.	Use	Туре	Year	OEM
14-0550	Lower	O-Ring	1984-up	1145
14-0532	Upper	O-Ring	1984-98	1157
14-0803	Upper	O-Ring	1999-up	111293



Head Bolt & Stud for 1984-99 Evolution



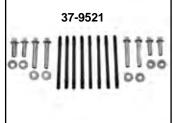


Head Bolts and Hardware Kits for Evolution 1340 models for one head.

one nead		
VT No.	# OEM	Item
37-9521*	1986-91	Chrome Head Bolt Stud & Screw Kit
37-9322	As Above	1992-99, zinc
37-8139	E 16478-83	Head bolt, Chrome, 8 pack
	F 16480-83	Screw Set, 1984-Early 1985
2011-8	E 16478-85A	Head bolt, Chrome, 8 pack
	F 16480-85A	Screw set Late1985-91 Big Twin
2012-8	E 16478-85A	Head Bolt Chrome, Colony, 8 pack
	F 16480-92	Screw Set 1992-up Big Twin
37-8951	G 16837-85A	Studs only, 1986-99 Big Twin 4 pack
9424-8	G As above	Colony, 1986-99 Big Twin
37-9259	G As Above	Sifton
37-8935	H 16573-83	Insert, 8 pack
12-1187	l 16715-83	Exhaust Stud, 5 pack
14-0516	J 26432-76	O Ring, 10 pack
37-9074	D 16482-83	Washer 1984-Early 85, Zinc, 4 pack
37-9075	D 16482-85	Washer Late1985-92, Zinc, 4 pack
37-9265	D As Above	Chrome, 8 piece
2017f8	D As Above	Chrome, 8 piece
*Note: Fo	r Both Cylinder	Heads



Chrome 12 Point Head Bolt Set includes 8 washers and 8 head bolts for 1986-91 FXST, FLST, FLT, FXR, 1986-92 XL and 1991 FXD. VT No. 37-9019



14



Components for One Head









Sifton Racers Evolution Stud Kit has 8 inserts, drill tap and 8 chromoly studs. Allows more torque to be applied, to cure oil leaks and protects case threads during frequent disassembly. Detailed instructions included.

VT No.	ltem
11-0634	Complete Shop Kit
37-9259	8 Studs only
11-0636	8 Inserts only





VT No. 16-0911

VT No.16-0911 Tube Installed

Cylinder Oil Passage Drain Tubes for stock bore size cylinders only. Each kit is supplied with tap, hex wrench, two drain tubes and instructions. Fits Evolution.

VT No.	ltem
16-0911	Kit
16-0912	Pair Repla

16-0912 Pair Replacement Tubes only







Chrome Rocker Box Set for TC-88, fits 99-up FXST, FLST, FXD, 99-16 FLT for two heads. VT No. Item 11-2700 Rocker Box Set 15-1502 Gasket Set

Evolution/Twin Cam Head Bolt Cover. Headbolt covers to hide dull 12 point headbolts. Installation with set screw. Fits 1999-up FXST, FLST, FXD, 1999-16 FLT.

VT No. Style 2024-4 Hex Dome 2262-4 Spike



Chrome Two Piece Rocker Box Set for 2 heads for 1984-99 Evolution models. Fit 1999-up FXST, FLST, FXD, 1999-16 FLT. VT No. Item 11-2701 Rocker Box Set 15-1503 Gasket Set 16-1673 Wrench Set

Rocker Box Bre fits TC-88 model 17650-02. Fit 19 FLST, FXD, 199 VT No. 11-0799

VT No. Item 11-2701 Rocker Box Set 15-1503 Gasket Set 16-1673 Wrench Set Rocker Box Breather Kit fits TC-88 model. Replaces 17650-02. Fit 1999-up FXST, FLST, FXD, 1999-16 FLT.







Rocker Box Set for TC-88. Includes two upper covers and two lower housings. Fit 1999-up FXST, FLST, FXD, 1999-16 FLT. Chrome Black 14 0046 14 1096

11-0946 11-1086





Top End Components for TC-88. Fit 1999-up FXST, FLST,

Finish/Item

FXD, 1999-16 FLT. **VT No. OEM 11-0948** 17572-99 **11-1071** Black **11-0584** 63815-99 **9944-24** —

Chrome Upper Rocker Cover Set Upper Rocker Cover Element Allen Screw Kit





Grooved Valve Cover Screw Cover for TC-88, Set of 4, match head bolt covers. Fit 1999-up FXST, FLST, FXD, 1999-16 FLT.

VT No. Item 37-0585 Cover Set 37-1209 Cover Set 37-0043 16 Piece Chrome Screw Set



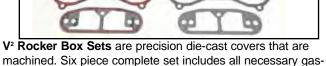


Radii Top Rocker Box Set for TC-88 models. Fit 1999-up FXST, FLST, FXD, 1999-16 FLT.
VT No. Type
11-0352 Smooth
11-0354 Contoured



Rocker Box for Evolution





kets for installation for both heads.			
Chrome	Black	Fits	
42-0754	42-0355	1984-91	
42-0787	42-0356	1992-99	

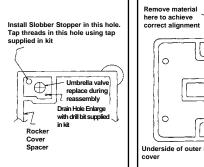
42-0707	42-0330
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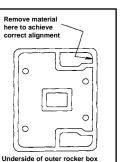
1992-99

S&S Two Piece Chrome Rocker Covers fit all 1984-up Evolution Big Twins. Both vented out of the crankcase or through the head type. Umbrella valves included for use with 1993-99 cylinder heads. Each kit includes front and rear cover assemblies complete with base and top cover, rocker shaft supports, gaskets and mounting hardware.

SIFTON

VT No. ltem 11-4050 Rocker Box Set 15-1221 Gasket Set













Chrome Two Piece Rocker Box Set for 2 heads for 1984-99 Evolution models.

VT No. Item 11-2701 Rocker Box Set



Sifton Evolution Rocker Box Breather Upgrade Kit includes tap, drill bit, breather tubes and instructions. Fits 1992-99 Big Twin. VT No. Item 16-0914 Breather Upgrade Kit 16-1069 Breather Tube Insert Set

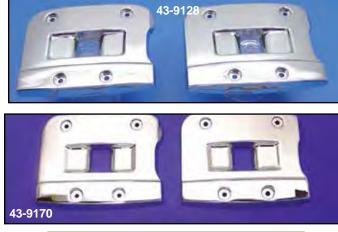


Umbrella Valve fits inner rocker box cover on 1992-99 Evolution. VT No. 14-0925

170

Rocker Box for Evolution















Chrome Rocker Box Individual Parts for Evolution Big Twin.

VT No.	ltem	Fits
43-9127	D-Ring	1984-91
43-9169	D-Ring	1992-99
43-9146	Lower	1984-91
43-9168	Lower	1992-99
43-9128	Тор	1984-91 Smooth
43-9162	Тор	1984-91 Chrome
43-9170	Тор	1992-99





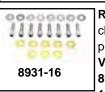
Chrome Top Cover and D-Ring Set fits 1984-91. Order gaskets separately.

ChromeYear43-91781984-9143-03771992-99



Screw Set

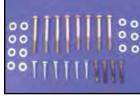
Chrome Rocker Box Screw Set fits1985-99 Big Twin.VT No.Type8868-16Acorn9788-24Button Head Allen



Rocker E	Box Screw	/ Kit for Evolution includes
chrome a	llen screw	s and washers, and cop-
ber sealir	ng washers	S.
VT No.	OEM	ltem

8931-16Allen Kit15-0663*63858-4915-02216114

Allen KitKit63858-49Fibre Washer, 50 pack6114Copper Washer



Evolution Big Twin Lower Rocker Box Mounting Hardware Set incudes all correct bolts, allen screws and washers necessary for bolting lower rocker cover to cylinder head. Complete set for two heads. VT No. U/M

 11-0621
 Set

 2078-18
 Each

"Tru-Seal" Evolution Rocker Box Chrome Cover Collar and Screw Kit includes sealing washers with built in O-Ring for position seal. VT No. 37-0820



Rocker Arm

Sifton Roller Rocker Arm Set features drop forged construction with hardened steel roller. Fitted with bushings at shaft area. Four piece

rocker set. Fits Evolution and TC-88. Order shafts separately. Fits 1984-up FXST, FLST, FXD and 1984-16 FLT.

VT No.	ltem
11-0553	Arm Set
11-0571	Shaft Set





Evolution/TC-88 Rocker Arm and Shaft Kit by

Sifton fits 1984-up Big Twin. Includes two (2) 17375-83 rocker arm, two (2) 17360-83 rocker arm and four (4) 17611-83 shafts. Fits 1984up FXST, FLST, FXD and 1984-16 FLT. **VT No. 11-0572**





Rivera Evolution/TC-88 Big Twin Rocker Arm Geometry Kit includes 4 adjustable rocker arms with bushings which feature oversize swivel foot adjusters, pushrod gauge, pushrod tool and value stem height gauge. An adjustment of +/- 3° enables absolute correct valve train geometry for the cam being used. Order Taper Lite Pushrod Kit separately. Fits 1984-up FXST, FLST, FXD and 1984-16 FLT.

VT No. N/A

N/A Rocker Arms Only11-9702 Taper Lite Pushrod Set



Item

Big Twin Rocker Arms include bushings installed to fit TC-88 and Evolution. Fits 1984-up FXST, FLST, FXD and 1984-16 FLT. **VT No. OEM Exhaust/** Intake

11-9511 17360-83 Rear, Front **11-9512** 17375-83 Front, Rear

_	-
-	- F
11-0571	

Rocker Arm Shaft for Big Twins 1984-up. Replaces OEM# 17611-83. Fits 1984-up FXST, FLST, FXD and 1984-16 FLT. VT No. Brand U/M Size

VINO.	Brand	U/IVI	Size
11-0571	Sifton	4	Standard
11-0576	Jims	4	Standard
11-0814	Sifton	Each	.005
			Oversize

●

Rocker Arm Bushings replace17428-57. Use on 1966-up Big Twin
models. Eight pieces.VT No.Type10-0700Stock Split type10-2106As Above, Sifton

Left Cylinder Base Cover





Left Side Cylinder Cover bolts to engine center stud for secure installation. Fits 2007-up FXST. VT No. 42-1172



Dress Up Kit



BIG TWIN





 Evolution Models FXST-FLST, 5-Speed

 43-0520
 1987-88

 43-0521
 1989-91

 43-0522
 1993

 43-0523
 1994

 Evolution Models FLT-FXR, 5-Speed

 43-0514
 1985-86

 FLT or FXR

 43-0515
 1987-88

 FLT Only

 43-0528
 1994-98





V-Twin[™] Chrome Dress Up Kits

- Include parts and hardware for installation as pictured.
- Kits require removal of engine to install rocker box covers.
- All kits for electric start models unless noted as kickstart and electric. Smooth derby and inspection covers are included on FXST kits. Inspection cover on FXR, FXE, FLT and FLH applications must be purchased separately. ***Note:** Does not include gasket. 1980-84 kits do not include transmission top cover.

TC-88 FLT 5-Speed

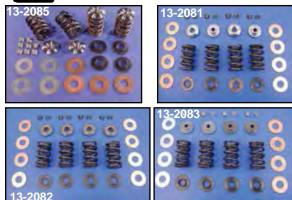
- **42-0692** 1999-2000
- **43-0534** 2001-06 includes cam dress cover trim and tappet base cover

TC-88 FXD 5-Speed

42-0691 1999-2000 FXD **43-0545** 2001-2005 FXD **TC-88 FXST 5-Speed 43-0536** 2001-06



Sifton Valve Spring Kit



All Evolution FX, FL 1986-98

- **13-2081** 150-160 lb seat pressure, up to .550" valve travel with titanium retainers
- **13-2082** 150-160 lb seat pressure, up to .550" valve travel with heat treated steel retainers
- **13-2083** 150-160 lb seat pressure, up to .550" valve travel with hard anodized retainers
- **13-2080** 170-180 lb seat pressure, up to .600" valve travel with titanium retainers
- **13-2085** 170-180 lb seat pressure, up to .600" valve travel with heat treated steel retainers
- **13-2093** 170-180 lb seat pressure, up to .600" valve travel with hard anodized aluminum retainers
- **13-2140** 170-210 lb seat pressure, up to .800" valve travel with titanium retainers
- **13-2141** 170-210 lb seat pressure, up to .800" valve travel with hard anodized aluminum retainers
- **13-2142** 170-210 lb seat pressure, up to .800" valve travel with heat treated steel retainers

TC-88 1999-2004

- **13-2022** 170-180 lb seat pressure up to .600" valve travel with titanium retainers
- **13-2060** 190-210 lb seat pressure up to .650" valve travel with titanium retainers

TC-88 2005-up FXST, FLST, FXD, 2005-16 FLT

13-2061 170-180 lb seat pressure up to .600" valve travel with titanium retainers



Steel Valve Collars for 1984-04 1340 Evolution and TC-88. VT No. OEM Use

	•	
11-0810	18222-83	Lower
11-0811	18219-83	Upper



Sifton Valve Spring Keeper Sets. Keepers are CNC machined and then heat treated. Fits Evolution/TC-88 1984-04 VT No. 11-2096



Valve Spring Kits. Includes all springs, collars and keepers necessary for each application. Fits 1985-04 1340 Evolution/ TC-88. VT No. 13-9196

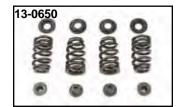


Valve Springs include inner and outer as required. Fits 1984-04 Big Twin Evolution/TC-88. Replaces OEM 18201-83. VT No. 13-0104



Valve Keeper Keys are split type sold in four pairs per package enough for one engine. Fits 1983-04 Evolution and TC-88. Replaces 18229-83.

VT No. 11-0805





Beehive Valve Spring Kits.

Fits

VI NO.	Lift
13-0650	.600"
13-0660	.630"
13-0670	.600"
13-0680	.630"

1984-2004 FXST, FLST, FLT, FXD 1984-2004 FXST, FLST, FLT, FXD 2005-up FXST, FLST, FXD, 2005-16 FLT 2005-up FXST, FLST, FXD, 2005-16 FLT

174





Model and Year	Туре	OEM	Nitrate Steel
Evolution BT	Exhaust	18082-83	



Replica Valve



	ROWE VALVES					PRECISION MACHINING			
Fully Machined Head					Stainless				
Model and Year	Application	Hard Chrome Stem (1)	Melonite Special Black Stem (2)	Titanium Nitride Gold Coat Stem	Black Diamond™ (5)	Racing (3)	Razor Back (4)		
TC-88 and	Intake 18074-83	_	_	_	11-6002	11-6018	_		
Evolution 1340cc	O.S. As above		-	—	11-6014	_	11-6087		
All Years	Exhaust 18082-83	11-6059		11-0802	11-6009	11-6019	—		
2005-up FXST, FLST, FXD	Intake 18074-05		_	_	11-6119	_	_		
2005-16 FLT	Exhaust 18085-05		11-6191	_	11-6120	_	_		

Valves by Rowe or Precision Machining (Kibblewhite). Intake valves are made of 8645 heat treated valve steel and the exhaust valves are made of 21-2N heat treated non-magnetic stainless steel. These valves are available with the following stems & heads:

- (1) Hard Chromed Stem: Very slick and hard. The standard in wear resistance.
- (2) Melonite, Special Black Stem: This is a heat treating process developed and patented in Germany. Gives the valve a Black Smokey look. Very hard and slippery. Currently being used on O.E.M. valves available in Rowe or Black Diamond brands.
- (3) Racing by Kibble White Precision Machining feature a sharper profile angle to maximize flow, 11-6015 has 2.00 head, 11-6016 has 1.812 head, 11-6017 has 1.780 head, 11-6018 has 1.90 head and 11-6019 has 1.63 head.
- (4) Razor Back by Kibble White are one piece forged EV-8 stainless steel, fully CNC machined with hard chrome stems.
- (5) Black Diamond: One piece stainless steel valve with a stellite tip and black nitrone impregnated stem to improve wear properties and reduce friction.





Manley's "Street Master" Intake and Exhaust Valves feature stainless steel construction, chrome plated stems, hard tips, smooth turned underhead angle and radius, forged combustion dish and machined combustion

face rim. Fits All Evolution/Big Twin and 1999-04 TC-88 (standard overall length).

VT No. Type Head Diameter Stem DiameterOEM

11-9061 Exhaust 1.615 stock
 .3095 stock
 18082-83

 11-9060 Intake
 1.850 stock
 .310 stock
 18074-83



Manley Valve Related Kit for Evolution models.
VT No. Item
11-9610 Valve Key Set
11-9228 .600 Lift Kit Titanium
11-9227 .550 Lift Kit Steel

Valve Shims



 Valve Spring Shims for Evolution/TC-88

 1985-04 are sold in 25 pack.

 VT No.
 Width

 10-8516
 .030

 10-8553
 .060



Manley Stainless Valve machined from 1-piece forging with a swirl polished finish and chrome plated stem. Sold pairs. Fits All Evolution Big Twin and 1999-04 TC-88.

VT No. Type	Head Diameter	Stem	Diameter	OEM
11-9081 Exhaus	t 1.615 stock	.3095	Standard	18082-83
11-9086* Exhaus	t 1.615 stock	.3095	Standard	18082-83
11-9015 Exhaus	t 1.650 Oversize	.3095	Standard	
11-9082 Intake	1.850 stock	.310	Standard	18074-83
11-9087* Intake	1.850 stock	.310	Standard	18074-83
11-9084 Intake	1.940 Oversize	.310	060	
*Note: Nitrate fini	sh.			

Valve Seats



Oversize Valve Seats can be used with unleaded gas.Replacement size is actual size of seat supplied by V-Twin Number. Stock size is noted as reference only.

VT No. Fits 11-0641 1340 Evolution Replacement Size 11-0788 1340 Evolution Replacement Size Stock Size 1.948 x 1.632 x .400 2.016 x 1.635 x .453 1.7135 x 1.379 x .400 1¾" x 1¾" x 7⁄16"







Valve Spring Kits for Evolution/TC-88

	VAL	/E SPRING	RETAINERS				VALV	E LOC	KS		
VT No.	Description		Valve Stem Size	Valve Spring Diameter	VT No.	Descr	iption		Lock Angle	Valv Size	/e Stem e
11-7401	Chromoly	10°	All	1.437-1.500"	11-6164		Locks +.050 w s for lock cap	vithout	10°	3/8"	
11-7411	Chromoly	10°	All	1.500-1.550"							
11-7321	Titanium Do Springs	uble 10°	All	1.500-1.550"							
		SPRING K	ITS INCLUDE	SPRINGS, LO	CKS, RE	TAINE	RS AND LOWE	R SEA	TS		
VT No.	Application	Description			Outside	Inner Diameter	Pressure @ Checking Ht.	Pressur Opening		Coil Bind Height	Retainer
11-7702 11-7703 11-7752	1984-04 Big Twir	Good Street an	d Performance Sp	pring up to .600" lift pring up to .600" lift mance up to .675" lif	1.460" 1.460" t 1.510"	.700" .700" .745"	Lbs-160 In-1.850 Lbs-160 In-1.850 Lbs-184 In-1.850	Lbs-440		1.200" 1.200" 1.080"	Chromoly Titanium Chromoly
11-7753	1984-04 Big Twir	Super Springs.	Street and perform	mance up to .675" li	ft 1.510"	.745"	Lbs-184 In-1.850	Lbs-422	In-1.280"	1.080"	Titanium
11-7704	1984-04 Big Twir	Performance S	pring up to .675" li	ft	1.540"	.725"	Lbs-195 In-1.900	Lbs-515	In-1.280"	1.175"	Titanium
							i		In-1.200"		Titanium





Andrews High Lift Valve .550+ Springs fits 1986-04 Big Twin 1340 Evolution and TC-88. Andrews # 294150. No machining required. VT No 13-9251



Andrews Anodized TC-88 E-Z Install Pushrods are available in chromoly or aluminum. Installation does not require removal of tank or rocker boxes. Fit 1999-up FXST, FLST, FXD and 1999-16 FLT.

VT No. Type 11-2188 Aluminum 11-2088 Chromoly 13-9251 High Lift Valve Item Pushrods Pushrods Springs

Valve Guide Precision Machine Cast Iron







Fit TC-88 2005-up FXST, FLST, FXD; 2005-16 FLT								
Size	Precision Machine Precision Mach							
	Ampco 45		Cast Iron					
		Exhaust						
STD	11-1054	11-1057	11-1060	11-1063				
+.001		11-1058						
+.002	11-1056	11-1059	11-1062	11-1065				

All Evolution Big Twin and TC-88 1999-2004

11-0683

Fit All Evolution Big Twin and 1999-04 TC-88 models									
Size	Precisio	Machine	Precisior	n Machine	Precision	n Machine			
	Ampco 45		Cast Iron		Manganese				
					Bronze				
	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust			
Standard	11-1019	11-1019	11-1014	11-1014	11-2316	11-2321			
+.001	11-1020	11-1020	11-1015	11-1015	11-2317	11-2322			
+.002			11-1016	11-1016	11-2318	11-2323			
+.003	11-1022	11-1022	11-1017	11-1017	11-2319	11-2324			
+.004	11-1023	11-1023	11-1018	11-1018	11-2320	11-2325			

Valve Seals

Rowe

Cast

Iron

11-9809

Exhaust Intake Intake Exhaust

11-9810 11-1898 11-1898

11-1899 11-1899

Rowe Ampco 45

Shouldered Guide

Intake

<u>11-1182</u>

11-1183

<u>11-1184</u>

11-1185

11-1186

.420 top shortened up to .600"

Exhaust

11-1188

11-1189

<u>11-1190</u>

11-1191

11-1192

11-1193



Size

<u>STD</u>

+.001

<u>+.002</u>

+.003

+.006 <u>+.008</u>

+.010

V-Twin

Intake

11-0683

Cast Iron

Valve Stem Oil Seal Kit includes four pieces of proper guide seal and installation tool. Fits 1985-04 Big Twin. VT No. 16-1745



Valve Stem Seals are sold in packs of 10 for years listed. Installation tools and plastic 10 pack sleeves available separately.

VT No.	Fits	Mfg. No.
14-0164	Big Twin 1984-04 Evolut	tion 1400
	TC-88	
16-1751	Sleeve 5/16	
Installati	on Tools	
16-1746	1984-04 Evolution	Red
Note: 14	-0164 is ⁵⁄16	
-		

14-0969

Sifton Valve Stem Seal features a Viton seal with double coil spring for tension, and steel band to secure to guide. Eite.

VI NO.	FILS
14-0969	1983-2004 Evolution/TC-88

14-0978

14-0983

TC-88; 2005-up FXST, FLST, FXD; 2005-16 FLT TC-88; 2005-up FXST, FLST, FXD; 2005-16 FLT



Teflon Valve Stem Seal Set provides maximum valve stem oil control as seals wipe excess

oil from the valve stem by means of a unique spring loaded wiper assembly which prevents unwant-

*Note: Use with valve guide ed oil from reaching and conthat a .620 top.

taminating the cylinder. Machining required.						
VT No.	Fits	Туре				
14-0256	1984-04	Crane				
14-0257	1984-04	Sifton				
14-0260*	1984-04	Crane				



Rowe Unhoned Cast Iron Valve Guides inless noted

Intake and Exhaust Guide is the same unless noted.								
Size	Evolution		Evolution	Rowe Iron Tru-Bore				
	Big Dia	Standard Big Diameter Diameter 19			.D. Honed 1984-up			
	.300 Shorter	Diameter Top All	.200	Evolution,				
	with built-in		Shorter	1999-04	1999-04			
	shoulder			TC-88	TC-88			
				Intake	Exhaust			
Standard	11-2171	—	—	11-1942	11-1950			
.001		—	—					
.002	—	—	—	11-1944				
.003		<u> </u>	—	11-1945				
.004	<u> </u>	—	—	<u> </u>	11-1954			
.006	—	11-2110	11-2111	11-1947				
.008		 	11-2113	11-1948	_			
Тор	.531	.420	.531	.200"	.200"			
Diameter								
Seal#	14-0143	14-0164	14-0143	14-0143	14-0143			
Overall Length	2.10"	2.40"	2.20"	2.20"	2.20"			

Precision Machining 80" Evolution Ampco 45 Shouldered Valve Guides. Supplied with Viton stem seal that locks into a machined groove on guide. Can be used with up to .600" lift cam.

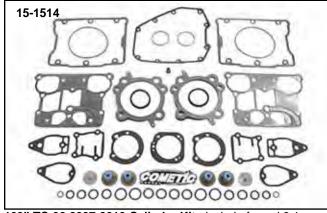
	Intake	Exhaust
Size	VT No.	VT No.
Standard	11-1044	11-1049
.001	11-1045	11-1050
.002	11-1046	11-1051
.004	11-1047	11-1052
.006	11-1048	





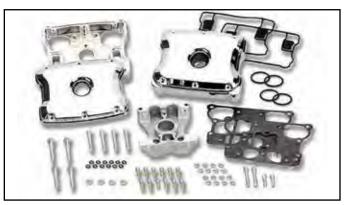
103 2007-2010 Cylinder Kit for TC-96





103" TC-96 2007-2010 Cylinder Kits include forged 9:1 or 10:1 Wiseco pistons fitted to cylinder. Black Silver Compression 11-1754 11-1755 9:1 11-1752 11-1753 10:1 15-1514 Gaskets





S&S Chrome Rocker Box Cover Set for TC-88 models. VT No. 11-4105



S&S TC-88 Cam, Carburetor, Pushrod and Piston Hot Setup Kit include Super "E" carburetor, adjustable pushrod set, pushrod covers, 570G cam (.570 lift), cam gear drive set and gear cover gasket kit. Installation of kit requires stock bore cylinders to be bored out to 3 7/8" and will increase compression ratio to 9.7:1 with stock cylinder heads. Order piston kit separately. VT No. 11-0027





Edelbrock Performance Grommet Mount Intake. VT No. 35-9285





95" TC-88 Big Bore Kits available in black wrinkle or silver finish with pistons. These cylinder sets will increase TC-88 engines to 95 cubic inches. No crankcase machining required for installation. Cylinder kits include pistons pre-fitted to cylinders and head daskets

uers and nead gas		
10.25:1 Cast	9:1 Forged	Finish
11-0074	11-0880	Black
11-0075	11-0881	Silver
9.3:1 Cast		
11-1575		Black
11-1563		Silver
9.3:1 Cast	10.5 Forged	Finish
9.3:1 Cast Chromoly Coated	10.5 Forged	Finish
	10.5 Forged 11-0882	Finish Black, Sifton
Chromoly Coated	U	
Chromoly Coated 11-2615	11-0882	Black, Sifton
Chromoly Coated 11-2615 11-2619	11-0882	Black, Sifton

11-0073



MC Forged Piston Sets for Big Bore cylinders on TC-88. Rings are included. VT No. Size **Ring Set** (Standard) 11-0290 98" 11-0287 107" 11-0291

95" Silver Cylinder Sets.

VT No. 11-0073



Colony Cylinder Base Stud Set fits TC-88. VT No. 2083-8

TC-88 Big Bore Kit 🌌







110 Cubic Inch Cylinder Kit is for 96 and 103 motors to increase to 110 cubic inch. Fit 2007-up FXST, FLST, FXD and 2007-16 FLT.

VT No. Finish 11-1523 Black

11-1522 Silver







107" TC-88 Big Bore Cylinder Kit requires case machining and includes forged 10.5:1 piston kit and either silver or black highlighted cylinders. Itom

VIINO.	Item
11-1257	Kit, Black
11-1259	Kit, Silver
11-0287	Piston Kit
15-1375	Top End Gasket Kit



S&S Twin Cam 106" Big Bore Cylinder Kit can be used with stock cylinder heads and requires no crankcase machining. Available in natural aluminum. Fit 2007-up FXST, FLST,FXD and 2007-16 FLT. VT No. 11-7060







TC-88 Big Bore 95" Piston Kits sold in pairs, include rings, clips and pins, available in flat top 9.3:1 compression ratio or high compression 10.25:1. Order gasket set separately.

Size	9.3:1	10.25:1	Туре
Standard	11-0338	_	Cast No Coating
Standard	_	11-0331	Cast
Standard	11-0263	_	Cast, V-Twin, Moly Coated
.005	_	11-0332	Cast
Head Gaskets	15-0376	15-0376	
Top End Kit	15-0377	15-0377	
Standard Ring	11-1354	11-1354	
Pin Lock	11-0856	11-0856	
Top End Kit Standard Ring	15-0377 11-1354	15-0377 11-1354	



Cylinder for 1984-99 Evolution





93.4" Cylinder Kit includes Wiseco 9.5:1 compression piston set with rings pre-fit to new 3.75" cylinders. Cases must be bored to accept this kit.

VT No.	Finish	
11-2627	Silver	
11-2628	Black	
11-1699	Piston Kit	



Big Twin 3%" **Big Bore Cylinder Kits** by S&S are supplied with fitted forged flat top pistons, ring, wrist pins, head and base gaskets. Stock crankcases must be machined to accommodate the larger spigot diameter. Available with black or natural finish cylinders. Fit 1984-99 Evolution.

VT No.	Finish	Stroke	Compression	Displacement			
11-0086	Silver	4¼"	9:1	88"			
11-0064	Silver	45%"	9.75:1	96"			
VT Pisto	ons						
11-1694	Kit		10.5:1	88"			



Cylinder and Piston Kits for Evolution Late 1985-99 1340 cc are honed and pre-fitted with stock compression cast pistons and Hastings Rings. They are ready to run and will require break-in as suggested in the appropriate shop manual. Sold in pairs for stock stroke only. Order gasket set separately.

VT No.	Finish	Compression
11-2618	Black	8.5:1
11-2610	Silver	8.5:1
11-0594	Silver	11:1







1340cc Cylinders to fit Evolution are sold each and include wrist pin, piston and rings except as noted.

VT No.	OEM	Finish
11-0345	16512-86A	Black
11-0340	16510-83A	Silver



Oil Passage Drain Tubes for stock bore size cylinders only. Each kit is supplied with tap, hex wrench, two drain tubes and instructions. Fit Evolution Cylinder.

VT No. Item

16-0911 k	Cit
-----------	-----

16-0912 Pair Replacement Tubes only



Sifton Cylinder Drain Inner Filter for returning top end oil. Features a stainless steel screen and a ceramic magnet that will stop all ferrous debris from common valve train wear and is most effective in

stopping broken valve spring material from entering engines oiling system through cylinder drain. The thin wall steel dowel protects the magnet and provides proper head to cylinder alignment. Fit Evolution. VT No. 40-0250





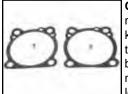
Bolt-On Cylinder Kit includes 10:1 compression Wiseco forged piston kit fitted.

No case boring required. Fits Evo 83".

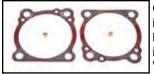
- VT No. Finish
- 11-1253 Black
- 11-1258 Silver 11-0156 Piston Set
- **11-0157** Ring for 1 Piston

Bolt-On Cylinder Kit

The Sifton cylinders have a very thick, large outside diameter, "cast in" liner which has been proven to be an important factor to maintain thermal stability which is the ability to retain the important cylinder bore dimension through repeated heat cycles.



Oil Fix Kit for Big Twin Evolution on models includes two cylinder base gaskets and two oil jet controls which control the oil coming from the head through the barrel and into the case, so the oil does not touch the base gasket thereby not leaking through the base gasket. **VT No. 15-0597**



Cylinder Base Sealing Kit includes two double beaded gaskets and two cylinder inserts to insure oil return.

VT No. 15-1288

V-Rod Kit



1320cc Big Bore Kit for V-Rod includes 12:1 compression forged Wiseco Piston Set with rings and matched 4.250 bore gaskets and sleeve set. Case boring required.

 VT No.
 Item

 11-0333
 Piston and Sleeve Kit

 14-0683
 O-Ring Set (W6165)

 60-0165
 Case Boring Service



Cubic Inch = $\pi r^2 x$ Stroke r = $\frac{1}{2}$ of Bore

1 cubic inch = 16.38 cc 1 cubic inch = .0163871 liter



Big Bore Cylinder for Evolution













3%" Big Bore Cylinder for Evolution motors with 4¼" stroke forged pistons are with Hastings Rings pre-fit in the heavy wall cylinders. Cylinder Sets 3%" and larger require case boring.

VT No.	Ratio	Piston	Finish
11-0094	9.25:1	Wiseco	Silver
11-0095	9.25:1	Wiseco	Black
11-1513	9.25:1	Sifton	Silver
60-0165	Machine	e Crankcase	for above cylinder
11-0532	Silver C	ylinder, eacl	h
11-0533	Black C	ylinder, eac	h
11-9948	Sifon Pi	ston	

CUBIC INCH CHART Stock 74 Stock 80								
	STROKE	3¹/ ₂ "	3.968"	4 ¹ / ₄ "	4 ¹ / ₂ "	4 ⁵ / ₈ "	4 ³ / ₄ "	5.00"
	3⁵/ 16"	61"						
_	37/16"	64.8"	73.7"	78.7"	83.4"	85.7"	88.0"	92.8"
B	3 ¹ / ₂ "	67.2"	76.3"	81.6"	86.6"	89.0"	91.4"	96.1"
0	3⁵/ 8"	72.1"	81.7"	87.4"	92.9"	95.5"	99.0"	103.2"
U	3 ¹¹ / ₁₆ "	74.6"	84.7"	90.7"	96.1"	98.8"	101.5"	106.8"
R	3 ¹³ /16"	79.9"	90.6"	97.0"	102.8"	103.7"	108.9"	114.2"
_	37/8"	82.3"	93.4"	100.1"	100"	108.9"	111.9"	117.8"
E	4.00"	87.9"	99.7"	106.8"	113.0"	116.1"	119.3"	125.6"
	4 1/8"	93.4"	106.0"	113.5"	120.2"	123.5"	126.9"	133.6"
	4 ¹ / ₄ "	99.2"	112.6"	120.5"	127.6"	131.1"	134.7"	141.8"

181



Piston Kit



V-Twin Piston Kits include 2 cast alloy pistons, genuine Hastings 3-piece ring set, 2 wrist pins and 4 circlips. OHV Piston Set use 22588-78 pin lock, VT No. 12-0929 Standard Comp

Otanuaru	Comp					
Size	1340cc V2	35%" Big Bore	35%" Big Bore			
	Evolution	Evolution	Evolution			
	Stock Stroke	Stock Stroke	4 5/8" Stroke			
	8.5:1 Comp	9.25:1 Comp	9.75:1 Comp			
Standard	11-0231	11-9949	11-1709*			
.005	11-0292					
.010	11-0293					
.020	11-0294					
.030	11-0295					
.040	11-0296					
*Note: Rings Only 11-0859						

Moly Piston Kit



MC Moly Coated Piston Kits feature cast construction with moly (moS2) coating which helps reduce friction and wear, while allowing adequate break in. Hastings Moly Rings Set, wrist pins and locks included. *Note: Rings only 11-0859

		Only II	0000	
Size	1340	1340	Evolution 3 ⁵ /8"	
	Evolution	Evolution	1984-99	
	1984-99	1984-99	45%" Stroker	
	Stock Stroke	Stock Stroke	9.75:1 Comp	
	8.5:1 Comp	11.1:1 Comp	_	
Standard	11-0279	11-1702	11-9948*	
.005	11-0280	11-1704	—	
.010	11-0281	—	—	
.020	11-0282	—	—	
Wrist Din Locks 10 pack				

Wrist Pin Locks, 10 pack. VT No. OEM Years 12-094922589-83 1983-99



Wrist Pin and Lock Kit VT No. OEM Fits 11-0871 22764-83 1985-99 Evolution



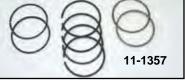
Over 250,000 Sets Served!



Hastings Piston Ring Sets are replacements for OEM ring sets and will also fit our cast pistons. Available in standard and oversized versions with either a cast or moly compression ring and 3-piece oil control ring. Sold in sets for two pistons.

88" Twin Cam; 1999-06 FXST, FLST, FXD, FLT				
Mfg#	Cast	2M4942		
		Moly		
Standard	—	11-1350		
.005	—	11-1351		
.010	_	11-1352		
.020	_	11-1353		
95" Big Bore Twin Cam				
Mfg. #	Cast	2M4951		
5		Moly		
Standard	—	11-1354		
.005	—	11-1355		
.010	—	11-1356		
96" Twin (1584cc) 2007-up FX	ST, FLST, F)	(D, 2007-16 FLT		
Mfg#	Cast	2M4805		
		Moly		
Standard	_	11-1397		
.005	_	11-1398		
.010	_	11-1399		

HASTINGS[®] The Ring Leader_®



6164

Cast

11-0190

11-0191

11-0192

11-0193

80" FL-FX Evolution

1340cc

Standard

Mfg. #

.005

.010

.020







.030 11-0194 11-1361 .040 11-0195 11-1362 SHOP TIP Piston Installation Caution: Do not install piston pin without lubricating it first with motor oil or assembly lube. Touch up outer edges of piston pins with emery cloth before installation.

Moly

11-1357

11-1358

11-1359

11-1360

1. Refer to applicable service manual for proper installation methods. Piston should be measured front-to-rear at the base of piston skirt,

perpendicular to wrist pin. 3. Piston should be set-up with the following tolerances:

Recommended piston/cylinder running clearances:						
	Minimum	Maximum	Preferred			
Evolution® Models	.0015	.0022	.002			
(Aluminum Cylinders)						
Big Twin Models	.0015	.003	.0025			
(Cast Iron Cylinders)		004	0005			
Sportster Models	.003	.004	.0035			
In ast from (

Specifications for ring end-gap are supplied with the ring sets and vary by type and size.

Note: Run engine at moderate speeds for at least 500 miles, avoiding excessive running in lower gears, in order to properly break in new pistons and rings

HISTER Forged Piston Kit

	2007-up TC-96 Piston Kits fits 2007-up FXST, FLST, FXD and 2007-16 FLT					
	1	691cc 9:1 Cor	npression 3.87	'5" Bore		
	Standard	.005	.010			
Piston Kit	11-1011	_	_			
Wiseco Rings	11-9923	11-9924	11-9925	i		
	16	91cc 9:6:1 Co	mpression 3.8	75" Bore		
Standard .005 .010						
Piston Kit	11-1214	11-1215	11-1216			
Wiseco Rings	11-9923	11-9924	11-9925			
			mpression 3.8	75" Bore		
	Standard	.005	.010			
Piston Kit	11-1012	11-1261	—			
Wiseco Rings	11-9923	11-9924	11-9925	Ì		
	1999-up T	C-88 Piston Kits	fits 1999-06 FXS	T, FLST, FXD, FI	T	
	14	48 cc 10.5:1 C	ompression 3	4" Bore		
	Standard	.005	.010	.020	.030	
Piston Kit	11-9928		—	—	11-9932	
Wiseco Rings	11-9933	11-9934	11-9935	11-9936	11-9937	
			mpression 3.8 le Hastings X I		troke	
	Standard	.005	.010	.020		
Piston Kit	11-9938		11-9940	11-9944		
Wiseco Rings	11-9923	11-9924	11-9925	11-9926	1	
	1550cc Big Bo				stroke	
			le Hastings X I			
	Standard	.005	.010	.020	.030	
Piston Kit	11-9918	11-9919	11-9920	11-9921	11-9922	
Wiseco Rings	11-9923	11-9924	11-9925	11-9926	11-9927	
- Wildood Hungo	1 11 0020		olution Piston Kit		1 11 0021	
1340cc /	8.5:1 Stock Com				as X Rina Pa	ck
101000	Standard	.010	.020	.030	.040	
Piston Kit	11-9830	11-9831	11-9832	11-9833	11-9834	
Wiseco Rings	11-9759	11-9762	11-9760	11-9764	11-9765	
1340cc	10:1 Compress	sion 3½" Bore.	Piston Kits in	clude Hasting	s X Ring Pa	ck.
	Standard	.005	.010	.020	.030	.040
Piston Kit	11-9895	11-9896	11-9897	11-9898	11-9899	11-9900
Wiseco Rings	11-9759	11-9901	11-9762	_	11-9764	
1340cc	11:1 Compress	sion 3½" Bore	Piston Kits in	clude Hasting	s X Ring Pad	xk.
	Standard	.005	.010	.020	.030	.040
Piston Kit	11-9840				—	11-9845
Wiseco Rings	11-9759	11-9901	11-9762	11-9760	11-9764	11-9765
1340cc 9.25:1 Cc	ompression 3%		Stroke. Include	s head and ba		Achieves 88
	cubic inch. Piston Kits include Hastings X Ring Pack.					
	Standard	.005	.010	.020	.030	
Piston Kit	11-9903				<u> </u>	
Wiseco Rings	11-9908	11-9909	11-9910	11-9911	11-9912	
4040 0 0 0 0		1340cc 3	75" Bore, 93.4	<i>"</i>		
1340cc 9.51 Co	mpression 3 ³ 4'		s X Ring Pack.		cn. Piston k	its include
	Standard	.005	.010	.020	.030	
Piston Kit	11-1699	_	_	—	—	
Wiseco Rings	11-9971	—	_	_	—	





KB PERFORMANCE PISTONS

The Keith Black 390 Hypereutectic alloy is cast in a permanent steel mold which makes it possible to build a light weight piston that makes more power and uses less fuel and lasts longer than any other type of piston being made today. We can now forget about running loose, noisy, oil-burning pistons. The low heat transfer of the alloy keeps the skirts cool so piston expansion is minimal. Test engines have run with as little as .0005" (1/2 thousandth) piston-to-wall clearance. The combination of a low heat transfer piston alloy and high compression ring placement increases power and economy. The high ring placement alone reduces detonation and increases the top ring temperature. It is important to see our ring end gap instructions to avoid ring butting.

11-2264

The KB piston will make maximum power at 2 to 4 degrees less total timing than conventional pistons. All KB piston sets are supplied with Hastings Moly Ring sets. Safe top ring end gaps can be found by multiplying the bore diameter by the appropriate ring end gap factor from the adjoining chart. Example: 3.5° bore "Street Normally Aspirated" = 3.5° bore x .0065" = .023" top ring end gap. Note: Second ring end gaps do not need extra clearance

Engine Model Years C.I.D. Bore Stroke Cylinder Height Comp. Ratio	1340cc Evolution FLH-FX 1984-up 80" 3.498 4.250" 5.550" 8.6:1	1340cc Evolution FL-FX 1984-up 80" 3.498 4.250" 5.550" 9.6:1	1340cc Evolution FL-FX 1984-up 80" 3.498 4.250" 5.550" 10.5:1	TC-88 FL-FX 1999-06 88" 3.750" 4.00" 4.938" 8.8:1	TC-88 FL-FX 88" 3.750" 4.00" 4.938" 10.6:1	TC-88 FL-FX 2007-up FXST, FLST, FXD, 2007- 16 FLT 95" 3.875" 4.00" 9.3.1
Standard	11-2216	11-2257	11-2222	11-2264	11-2269	11-2274
.005	11-2217	11-2258	11-2223	11-2265	11-2270	11-2275
.010	11-2218	11-2259	11-2224	11-2266	11-2271	11-2276
.020	11-2219	11-2260	11-2225	11-2267	11-2272	11-2277
.030	11-2220	11-2261	11-2226	11-2268	11-2273	11-2278
.040	11-2221	11-2262	11-2227	—	—	—

APPLICATION	RING END GAP FACTOR	PISTON TO WALL CLEARANCE
Street Normally Aspirated	.0065"	.00075"0015"
Street Nitrous or Supercharged	.0080"	.0015"0025"
Flat Track Gasoline	.0080"	.0010"0030"
Flat Track Alcohol	.0060"	.0010"0030"
Drag Gasoline	.0075"	.0010"0030"
Drag Alcohol	.0065"	.0010"0030"
Drag Supercharged or Nitrous Gas	.0095"	.0015"0030"
Drag Supercharged Alcohol	.0085"	.0010"0030"
Drag Supercharged Fuel	.0115"	.0020"0040"



Cylinder & Base Gasket



VT No.16-0911 **Tube Installed**

Oil Passage Drain Tubes for stock bore size cylinders only. Each kit is supplied with tap, hex wrench, two drain tubes and instructions. For Evolution Cylinder.

VT No. Item

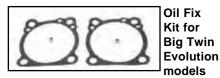
16-0911 Kit

16-0912 Pair Replacement Tubes only

GB Three Piece Rubber Coated Gaskets. A three piece design that features a stainless center sandwiched between two rubber coated stainless spring steel outer layers. The outer layers are embossed at the oil drain hole and cylinder bore area that provides a correct seal. Sold in pairs. Fits Evolution Big Twin.

Cylinder Base Gaskets 1984-99 Big Twin

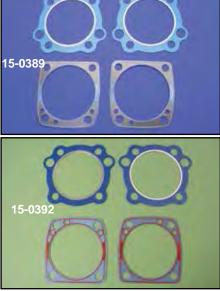
1004	JJ Dig I Wil				
Size	31/2" Bore	3⁵/ଃ" Bore	3 ¹³ /16" Bore	3 ³ /4" Bore	
.010	15-0483	15-0485	—	—	
.020	15-0484	15-0486	—	—	
Head	Gaskets				
1984	-99 Big Twii	า			
.030	15-0475	15-0477	15-0479	15-0481	
.040	15-0476	15-0478	15-0480	15-0482	



includes two cylinder base gaskets and two oil jet controls which control the oil coming from the head through the barrel and into the case, so the oil does not touch the base gasket thereby not leaking through the base gasket. VT No. 15-0597







GB Head Base Gasket Set for Evolution with .040 head gasket. VT No. Base

15-0389 Metal 15-0392 Beaded



Metal Cylinder Base Gasket has a steel base metal which has been coated on both sides with a specially formulated high temperature oil resistant rubber compound. Silicone beading around the inner and outer perimeter forms a seal on both sides of gasket, pairs. Available from James. VT No. Fits

15-1072 Evolution Big Twin 15-1101 Evolution 35%" Big Twin





Quick Change Cam Gear Gasket & Seal Kit fits Shovelhead and Evolution motors, includes both cork and guad seals for pushrods to fit all year range.

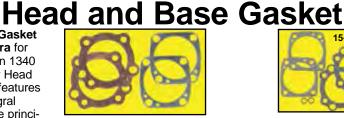
GB Fits 15-0871 15-0659 1970-92 Big Twin

15-0872 15-0686 1993-99 V² Big Twin

15-1214 TC-88, 1999-up FXST, FLST, FXD, 1999-16 FLT.

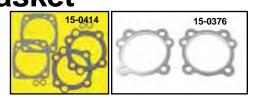
Parker Gasket by Rivera for Evolution 1340 Cylinder Head Gasket features

full copper construction and integral O-Ring at critical areas, using the principal of controlled compression when the cylinder base and head is torqued down the metal maintains the correct diameter between the surfaces requiring sealing while the boned flexible sealing material completes the seal. The base gasket is metal with an integral seal of Viton molded to the metal gasket. Sold in pairs for base or head. 35%" head. VT No. 15-0731



GB Head/Base Gasket Set has .040 special copper head gaskets and .007" thick aluminum base gaskets, will not compress or torque. Kit includes two head and two base gaskets. VT No. Fits

15-0312 1984-99 Evolution 80" 15-0314 Sidewinder Big Twin Evo

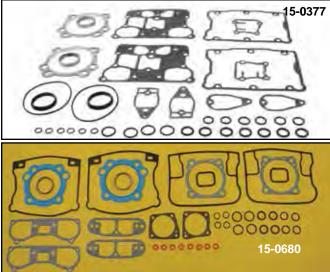


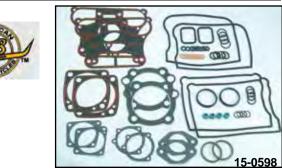
Cylinder Head/Base Gasket Set.

VT No. Year Bore Thick Brand 15-0414 1984-99 Standard .045" James **15-0877** 1984-99 3% .062" James 15-0376* 3.935 9.3:1 15-1234 4" S&S 4" .045" James 15-1235* TC-88 Standard .045 James 15-1293* TC-88 Standard .045 GB *Note: 1999-up FXST, FLST, FXD, 1999-16 FLT.



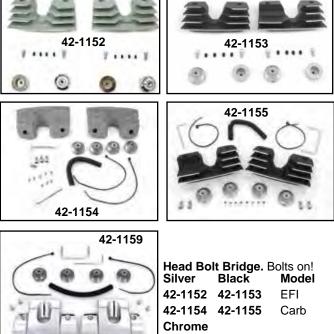
Top End Gasket Set





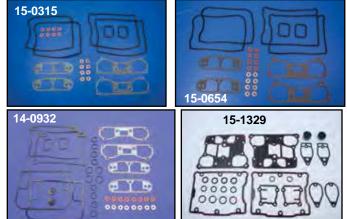
GB Top End Kits include all gaskets and O-rings including pushrod corks from the cylinder base and up. Perfect for piston and valve jobs.

VT No.	OÉM	Years	Fits
15-0598	17033-83	1984-91	V2 Evolution
15-0680	17040-92A	1992-99	V2 Evolution
15-0377	17052-99	1999-up	TC-88
1000	1000 (MIL)	1000	and a second second



42-1159

.......



Rocker Box Gasket Kits include upper and lower gaskets in Cork or Molded O-Ring type with bolt seals and washers for both heads.

James	GB	OEM	Туре	Fits
15-0845	15-0315	17033-83R	Cork	84-91 1340 Big Twin
15-0847	15-0654	17038-90	O-Ring	84-91 1340 Big Twin
15-0848	14-0932	17042-92	O-Ring	92-99 1340 Big Twin
	15-1329*			99-up Twin Cam
*Note: 19	99-up FXS	T, FLST, FX	D and 1	999-16 FLT
15-1221	<u> </u>		O-Ring	S&S Two Piece
			Rocker	

	01010
53 53 51	72
	00%
000000	000000
	15-0824
	13-0024

				13-0024
James T	op End Sets			
VT No.	OEM	Years	Models	
15-0824	17033-83	1984-91	Evolution	
(Teflon H	lead Gaskets/Cor	k Rocker Gas	kets)	
15-0859	17033-83A	1984-91	Evolution	
	(.045" Teflon Heat	ad Gaskets/Ru	ubber Rocker Ga	askets)
15-1191	—		Evolution 35/8" E	
	(.045" Head Gasl	kets /Steel Bas	e/Rubber Rocke	r Gaskets)
15-0825	17040-92A	1992-99	Evolution	
	(.045" Head Gas	skets/Rubber I	Rocker Gaskets)
15-1192	—			
	(.045" Head Gas	kets/Rubber F	<pre>locker Gaskets)</pre>	
15-1209	17052-99	1999-04	TC-88/96"	
(.045" Fire	Ring Head Gasket	ts/Rubber Coate	d Rocker Cover G	Gaskets)
15-1343	17052-99 MLS	1999-04	TC-95/103"	
(.040" ML	S Head Gaskets/Ru	ubber Coated Ro	ocker Cover Gask	ets)
15-1344*	17052-05	2005-up	TC-88	
(.045" Fire	Ring Head Gasket	ts/Rubber Coate	d Rocker Cover G	Gaskets)
15-1345*	17054-05 MLS	2005-up	TC-88	
(.040" Fire	Ring Head Gasket	ts/Rubber Coate	d Rocker Cover G	Gaskets)
*Note: 20	05-up FXST, FLST,	FXD and 2005	-16 FLT	

Fits

EFI

1999-up FXST, FLST, FXD, 1999-16 FLT 1999-06 FXD, FXST, FLST, FLT

1999-up FXST, FLST, FXD, 1999-16 FLT

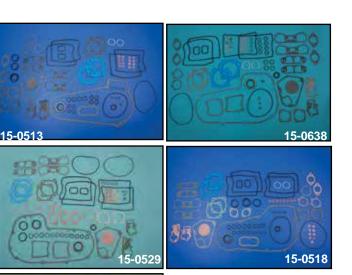


Complete Big Twin Gasket Set

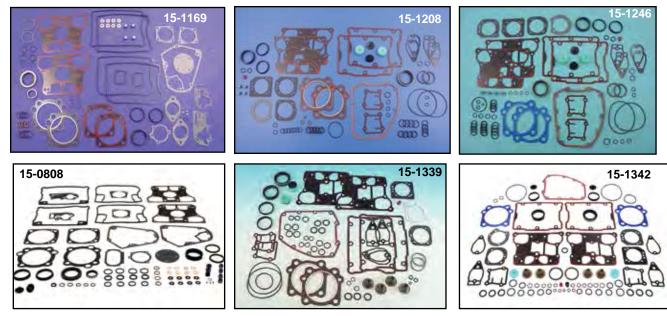
GB™ Complete Gasket Kits are produced of the finest materials and include all of the gaskets, seals and O-rings necessary to rebuild each model listed. Models which require quad pushrod seals include the genuine quad type. Head gaskets are Teflon, all other components are stock replacement type.

Fits Big Twin Evolution

GB Complete Engine					
VT No.	OEM	Years	Fits		
15-0513	17035-83A	1984-88	4 and 5-Speed FXST		
15-0638	17035-84B	1984-88	5-Speed FXR/FLT		
15-0529		1989-91	5-Speed FXR/FLT		
15-0518	17035-89	1989-91	5-Speed FXST		
15-0679*	17041-92A	1992-99	All Twins		
*Note: Does not include primary side gaskets					



Motor Gasket Sets



James Complete Motor Gasket Sets do not include primary gasket or seal.

VT No.	OEM	Years	Models	
15-1169	17035-83B	1984-91	Big Twin (Rubber Rocker Gaskets/.062" Teflon Head Gaskets)	
15-0808	17041-92A	1992-99 V ²	Big Twin (Rubber Rocker Gaskets/.062" Teflon Head Gaskets)	
15-1208	17053-99	1999-2004	TC-88 Big Twin (Includes. 046" Fire Ring Head Gaskets)	
15-1246	17055-99	1999-2004	TC-88 1550 Big Bore (Includes. 046" Fire Ring Head Gaskets)	
15-1339*	17053-05	2005-up	TC-88/96 (Includes. 045" Fire Ring Head Gaskets)	
15-1340*	17053-05	2005-up	TC-88/96 (Includes. 036" Fire Ring Head Gaskets)	
15-1341*	17055-05	2005-up	TC-95/103 (Includes MLS Head Gaskets)	
15-1342*	17055-05	2005-up	TC-95/103 (Includes .036" Teflon Coated Head Gaskets)	
*Note: 2005-up FXST, FLST, FXD and 2005-16 FLT				

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1986-99 Softail 6-Speed Conversion Kit includes complete assembled 6 Speed transmission with chrome mount plate, chrome top and chrome end cover, chrome inner and outer primary covers, full clutch pak and 1.7 kw chrome and polished starter with shaft assembly. Right Side Drive kits include hydraulic clutch side cover. Transmission accepts electric speedometer sensor (not included). **Right Side Drive Left Side Drive Case**

Right Side Drive Left Side Drive — 17-0036

17-0778

Black

Polish



Replacement 6 Speed Gear Set includes all parts pictured. Fits 6-Speed V-Twin Transmission Only. Fits 1986-2006 FLST. VT No. Type 17-0462 Complete

17-0462 Complete 17-0473 Partial





Motor Shop Ready 6-Speed FXST Polished Transmission Assembly for 1991-99 models. Features include either polished case, chrome top and side cover, machined shift forks, heavy duty trap door, precision ground full width gears with back cut dogs and pulley. Each unit is completely factory assembled to OEM specs. Unit is close ratio 1st gear 2.94:1 overdrive 6th gear .86 :1. Accepts 1996-up speedometer sensor VT No. 17-0561. VT No. 17-0453



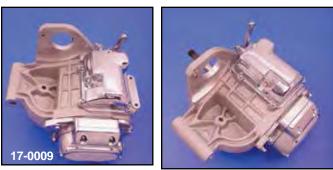


5-Speed Transmission



5-Speed Transmissions feature stock style case. FXST solid mount style with full assembled internals. Top and late style clutch release cover are chrome. **Note:** Choose clutch pack for mainshaft and 5th gear for appropriate years. 17-0003 features natural case finish.

VT No. Mainshaft/5th 17-0003 1991-93 FXST 17-0014 1996 FXST



5-Speed Transmission fits 1991-94 FXR.

 Features stock style cases in FXR rubber mount style with full assembled internals.

Top and late style clutch release covers are chrome.

• Note: Both Mainshaft and 5th gear year, to choose appropriate clutch pack.

VT No. 17-0009

Right Side Drive 6-Speed Transmission

Motor Shop Ready York 6-Speed FXST Right Side Drive Transmission Assembly with hydraulic or cable clutch for 1991-99 models. Features include either polished, natural or black wrinkle finish case, chrome top and side cover, full width gears, machined shift forks, heavy duty trap door, precision ground gears with back cut dogs and pulley. Each unit is completely factory assembled to OEM specs. Unit is stock ratio 1st gear and overdrive 6th gear .86 :1. Accepts 1996-up speedo sensor 17-0561. Order hydraulic clutch handle assembly and hydraulic line separately. RSD is the only way to make a balanced big tire, big horsepower creation. Uses a 10 mm banjo bolt on hydraulic line with a ¹¹/₁₆" master cylinder.

Cable	Case Finish
17-0470	Black
17-0471	Natural
—	Polished
—	Hydraulic Handle
	17-0470 17-0471 —







Mount Plates



1986-99 Softail 5-Speed ChromeTransmission Plate Kit includeschrome transmission mount platewith chrome installation hardware.VT No. Item17-9994KitBolt Kits9867-189866-18Chrome

9866-18T Chrome

19-0567

Offset Transmission Plates fit 5 or 6 speed Softail transmissions. VT No. Offset

VT No.	Offs
19-0565	1/4"
19-0566	3/4"
17-0859	1"
188	





Steel Transm	ission Mount Plates.	•
OEM	Fits	Finish
Custom	Fits Rigid mount	Zinc
	5-Speed Transmission	
	in 4-Speed, Frame	
Custom	Fits 4-Speed Transmission	Chrome
	in 5-Speed, Frame	
Stock	1986-99 FXST-FLST	Chrome
	OEM Custom Custom	Custom Fits Rigid mount 5-Speed Transmission in 4-Speed, Frame Custom Fits 4-Speed Transmission in 5-Speed, Frame





Sifton Big Twin Billet Transmission Door fits 5-Speed models 1987-99, and includes bearings pressed in with appropriate retaining rings.

00/0

Brand

V-Twin

Colony

VT No.	Years	ltem	Туре
17-9956	1987-99	Complete	5-Speed
17-9946	1987-99	Door Only	5-Speed
17-9940	1979-86	Door Only	6-Speed
17-8300	2006/07-up	Door Only	6-Speed FXD/Softail only



Transmission Mount Case Studs are heat treated as original. Available in set of 4 for 1984-up 5-Speed.

VT No. OEM 12-1197 11733 9863-5 11733



13 in 1 Folding Tool Kit. VT No. 16-0078

5-Speed Gear Box



5-Speed Stock OE Gear Box includes both left side bearings and one seal. Will accept original components. Fits 1986-88 FXST, silver. Replaces 34731-86. VT No. 43-9097



Side Cover Stud fits 5 and 6-Speed to mount exhaust or other brackets. Stud has 5/16 - 18 threads both ends. 5 pack. VT No. 37-0958



Magnetic Drain Plugs prevent metal particles from circulating			
through e	engine and tra	ansmissio	n cases, oil tank, etc.
VT No.	OEM	Size	Use
37-0096	707	1⁄2 — 13	74 Transmission
37-0097	700	<u>%</u> −24	Big Twin Case Plug 74 and 80
37-0095	60348-65A	1/2 - 20	74 & 80 Inner Primary
37-0098	720, 706A	⁵ % — 18	Oil Tank & Time Hole
37-8934	734-739	½ — 27	NPT 1987-89 Big Twin Primary
			Transmission, FXST-FXR
37-0099	739A	½ — 27	NPT 1990-up Big Twin Transmission
37-9242		½ — 27	As Above with Hex
37-8961	718	1⁄4 — 18	NPT Chain Cover
37-9217	722	⁵ % — 18	FXR Drain
40-0498	60328-98A		2001-up Softail Tank

















48-0498 80" UL

48-0470 48-0030 Knucklehead 1340 cc

48-0033 Dual Cam

48-0025 Panhead

48-0044 Shovelhead

48-0048 Shovelhead

48-0372 XLCH 1971

48-1824 45"

Motor Plaques measure 18" x 24" and are made of metal. Motor Plaque Set includes 9 plaques. VT No. 48-1811



5-Speed Big Twin Transmission



					and have		
VT No.	OEM	#	Item	17-9946		52	Transmission Door 1987-99 Polished Billet
12-1178	601	1A	Roll Pin	17-0519	62375-57	53	Fitting, Upper Cover, each
17-0512	3784	1	Set Screw Fork	17-9853	6003	54	Thrustwasher 1 3/16" x 3/8" x 5/16"
37-9195	6016	2	Washer 11/32" x 11/16" x 1/16"	12-0366	8876A	55	Bearing, 4 pack
12-0562	7515	3	Jam Nut 7/16" x 1/4" x 11/16"	17-0538	35068-79	56	Spring Plate
12-0938	11016	5	Retaining Ring, 10 pack	17-7652	35025-79B	57	As Above Andrews
12-0948	11083	6	Retaining Ring, 1979-99	17-9857	35026-79C	58	Andrews Gear, Mainshaft 2nd and Countershaft
12-0992	11319	6	Retaining Ring, 2000-up		00020.00		3rd, 1979-93
N/A	9114	7	Right Cam Shifter Bearing	17-9922	35026-79C	58	As Above (V-Twin)
N/A	9115	8	Left Cam Shifter Bearing	17-9858	35027-79B	59	Andrews Gear, Mainshaft 3rd and
17-9854	33119-79B	9	Adjusting Screw Shifter Arm		0002. 102		Countershaft 2nd, 1979-93
17-9855	Set	10	8 Pieces, 1 Each Thrust Washer Assortment	17-9860	35028-79B	60	4th Gear Mainshaft 1979-93
17-0530	33205-80	10	.017 Shift Thrust washer	17-0558*	35028-94	60	As Above 1994-up High Contact
17-0531	33206-80	10	.020 Shift Thrust washer	17-9861	35029-79	61	Fifth Gear, Mainshaft 1985-84, Andrews
17-0532	33207-80	10	.022 Shift Thrust washer	17-9862	34029-85A	61	Fifth Gear, Mainshaft 1985-90, Andrews
17-0533	33208-80	10	.025 Shift Thrust washer	17-9942	35029-91A	61	Fifth Gear, Mainshaft 1991-93, Andrews
17-0534	33209-80	10	.028 Shift Thrust washer	12-9997	35051-89	62	1991-up Bearing 5th Gear
17-0535	33210-80	10	.031 Shift Thrust washer	12-0336	8904	62	1984-90 Needle Bearing 5th Gear
17-0536	33211-80	10	.035 Shift Thrust washer	17-9899	35042-85	65	Mainshaft, 1985-89, Andrews
17-0537	33212-80	10	.039 Shift Thrust washer	17-8238	35042-90	65	Mainshaft, 1990 Belt, Andrews
37-9134	3993	11	Bolt 1/4"-20 1 1/4" Hex Head	17-9943	35042-91	65	Mainshaft, 1991-up Belt, Andrews
37-9135	6736	12	Washer 9/32" x 5/8" x 1/16"	17-0153	35042-91	65	Mainshaft, 1991-up
17-0597	33320-98	13	Shifter Cam	17-9848	35064-79	66	Spacer, Mainshaft
17-0514	33332-79	14	Support Shifter Cam Right	17-0526	35622-79C	67	First Gear Countershaft
17-0515	33326-79A	15	Support Shifter Cam Left, each	17-7653	35622-79A	67	As Above Andrews
21-2057	34084-86	16	1986-up Lever, Shifter Shaft with 17-18	17-9859	35625-79B	68	Fourth Gear Countershaft 1979-93, Andrews
17-0576	_	16	As Above, V-Twin Includes	17-0559*	35625-94	68	As Above 1994-up High Contact
			2, 5, 17, 20, 21, & 56	17-9849	35629-79B	69	Spacer
17-0547	34082-79	17	Pin, Shifter Shaft Lever	17-9863	35626-79A	70	3.24 stock 1st gear for countershaft, Andrews
13-0131	34083-79A	18	Spring, Shifter Shaft Lever	17-9897	35632-79	71	Countershaft Andrews
17-0516	34085-79A	19	Cam Follower	17-0529	35632-79	71	Countershaft, Sifton
17-0578	37086-79	20	Pawl, Shifter Cam, V-Twin	17-0544	35632-79	71	Countershaft V-Twin
13-0132	34087-79A	21	Spring, Shifter Shaft Lever	8907-5	_	72	Top Screw Kit, Chrome Allen
17-1169	34088-87	22	1987-up Shifter Shaft	8907-5T	_	72	Top Screw Kit, Chrome Allen
17-9932	34088-79	22	1979-86 Shifter Shaft	8909-13	_	73	Side Cover Kit, Chrome Allen
13-9176	34089-79	23	Spring	8909-13T	_	73	Side Cover Kit, Chrome Allen
17-8081	34191-79D	24	Shifter Fork	37-8985	_	74	Filler Plug, Chrome
17-8082	34193-79D	25	Shifter Fork	32-9065	33900-59C	75	Neutral Switch, 1979-97
17-8083	34195-79D	26	Shifter Fork	32-0069	33902-98	75	Neutral Switch, 1998-99
12-0338	8998	27	Bearing, each 1979-99	15-0685	33043-80	76	Switch Washer
12-0388	8992A	27	Bearing, each 2000-up	14-0821	12035A	77	Seal
12-0951	10998	29	Retaining Ring	37-9133	6497HW	78	Washer
12-0158	8873	30	Ball	12-0950	11150	79	Retainer Ring
18-3209	25452-87A	31	Inner Ramp, 1987-99	17-0966	33715-85A	80	Shift Lever, Chrome 1985-96
18-3210	25453-87A	32	Outer Ramp, 1987-99	17-0968	33849-97	80	Shift Lever, Chrome 1997-up
15-0172	36801-80	33	Gasket, Side Cover, 1980-86	12-0928	11067	81	Retaining Ring
15-0240	36801-87	33	Gasket, Side Cover, 1987-up	17-9941	34091-85	82	Inner Race
18-3211	34920-86	34	Coupling	17-0594	34091-06	82	Inner Race, 6 Speed
12-0927	11020	35	Retaining Ring	17-0603	34091-08	82	Inner Race, 2008-up
17-9850	35076-79	36	Spacer	8408-1	35211-36	83	Sprocket Nut
12-0557	35078-79 37105-87A	37 38	Nut, Mainshaft/Countershaft Chrome Clutch Release Cover	8408-1T	35211-36	83	Sprocket Nut
43-9131	3/105-6/A	30		14-0922	6007	84	Nylon Washer
17-9846	37100 974	20	1987-99 FXST-FLT-Dynaglide	12-1172	375	85	Dowel Pin
43-0131	37109-87A 37104-84	38 38	Chrome End Cover 1987-94 FXR Chrome End Cover 1980-86 FXR	18-3212	8998	86	Ramp Kit includes 29-30-31-32-34
37-8934	37104-84 734, 739	30 39	Plug, 1987-97	12-1199	609	87	Pin
40-0498	60328-98A	39	Plug, 1998-up	14-0149	12045	88	Shift Shaft Seal
15-1272	00320-90A	39	Plug Washer, 1980-up	12-0959	634	89	Door Pin
43-9136	34468-86A	40	Upper Chrome Cover, 1987-97	17-9931	35628-79	90	4th Gear Spacer, 1979-83 only
43-9130	34731-86A	40	1986-88 Transmission Case FXST	12-0212	37523-85D	91	Clutch Hub Key 1985-89
	Include Parts			*Note: 1994	I-up gears can b	e use	d in earlier transmissions but only in matched sets.
12-1197	11733	42	Mounting Stud			-	
12-0339	8977	43	Needle Bearing			100	
12-0333	8978	44	Mainshaft Bearing, 1980-83	43-909	7	-	
12-0357	8996	44	Mainshaft Bearing, 1984-00		1 1	0	
12-0301	8996A	44	Mainshaft Bearing, 2001-06			- •	
17-9852	33114-79	44 45	Spacer			1	
14-0534	11165	45 46	Seal		100	-	
17-0534	33334-79	46 47	Spacer, Sprocket 1979-84		10	1	
17-0546	33334-79	47	Spacer, Sprocket 1979-64	1			
17-9651	33344-94	47	Spacer, Sprocket 1994-up		00 22	-	
14-0157	33344-94 12050	47	Spacer, Sprocket 1994-up Seal, 1984-Early1994	1	-		
14-0157	12050 12067A	40 48	Seal, Late1994-up		1		
12-0962	12067A 11161	48 49	Seal, Late 1994-up Snap Ring, 1985-00				
12-0952	11057	49 49	Shap Ring, 1985-00 Snap Ring, 1980-84		8	15	
12-0920	24004.064	+3	Cosket Upper sover		No. of	SV	

and a

15-0237

15-0213

17-9940

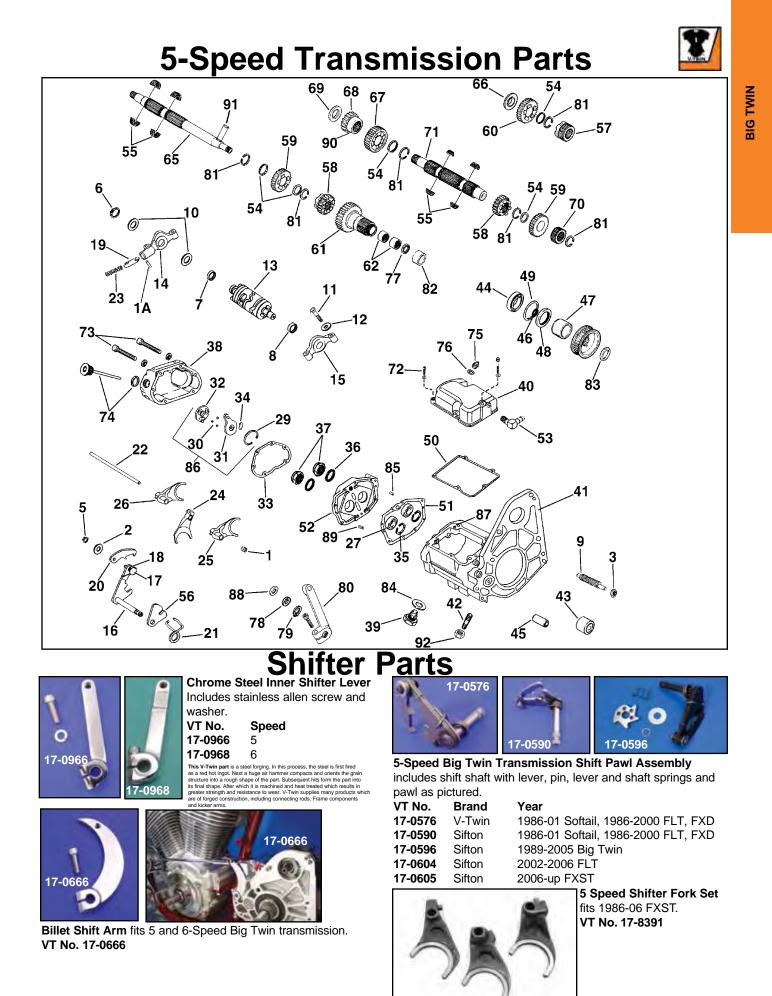
34904-86A

35652-79B

50 Gasket, Upper cover

52 Transmission Door 1979-86 Billet

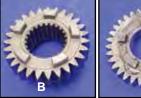
51 Housing Gasket

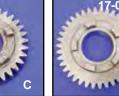


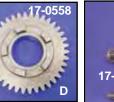


5-Speed Transmission Internals























Complete Gear Set with 2.94 1st Gears. VT No. 17-6105



5-Speed Close Ratio 2.94 Low Gear Set closes the gap between 1st and 2nd. Adds about 5 m.p.h. of usable 1st gear. Replaces 35025-79C 1st mainshaft, 35622-79C 1st countershaft.

VT No. Type 17-6100 Andrews 17-9828 V-Twin

5-Speed Transmission Gears and Shafts, Stock Ratio.								
Gear/Shaft	Stock	Stock	OE	Andrews		Jims	Year	#
	OEM	V-Twin		w/stock 1st	w/2.94 1st	l —		
First Mainshaft	35025-79B	17-0550		17-7652	—	17-0562	1979-up	A
Mainshaft 2nd	35026-79C	17-9922	_	17-9857	—	_	1979-93	В
Countershaft 3rd	35026-94	-	-	—	—	-	1994-up	В
Mainshaft 2nd								
Countershaft 3rd	35027-79B	17-0549	—	17-9858	—	—	1979-93	C
Mainshaft 3rd								
Countershaft 2nd	35028-79B	-	—	17-9860	—	17-0568	1979-93	D
4th Mainshaft								
4th Mainshaft	35028-94	<u> </u>	17-0558*	—	—	l —	1994-up	D
5th Mainshaft	35029-79	_	17-0577	17-9861	—	_	1979-84	Ē
5th Mainshaft	35029-85A	_	17-0524	17-9862	—	_	1985-90	E I
5th Mainshaft	35029-91A	_	—	17-9942	—	_	1991-93	E
5th Mainshaft	35029-94	_	*	—	—	_	1994-up	E
Mainshaft	35042-79	17-9920		17-9898	—	—	1981-84	F
Mainshaft	35042-85	17-0579	—	17-9899	_	_	1985-89	F
Mainshaft	35042-90	_	—	17-8238	—	—	1990 only	F
Mainshaft	35042-91	17-0543	17-0153	17-9943	_	_	1991-up	F
1st Countershaft	35622-79C	l —	17-0526	17-7653	—	—	1979-up	G
4th Countershaft	35625-79A	_	_	17-9859	—	17-0565	1979-93	H
4th Countershaft	35625-94	_	17-0559*	—	_	_	1994-up	H
5th Countershaft	35626-79B	_	_	17-9863	_	_	1979-93	
5th Countershaft	35626-94	_	*	—	_	_	1994-up	
Countershaft	35632-79	17-0544	17-0529	17-9897	—	17-0574	All	J
Countershaft	Sputhe	17-0548	—	—	—	_	Shorter	J
Twelve Piece Gear Sets								
Gear Set A-J	VT	17-0584	—	—	17-6105		1991-up	Set
Gear Set A-J	Andrews	<u> </u>	—	17-6016	17-6081	l —	1981-84	Set
Gear Set A-J	Andrews	_	—	17-6017	17-6085		1985-89	Set
Gear Set A-J	Andrews			17-6018	17-6090	_	1990	Set
Gear Set A-J	Andrews			17-6019	17-6091	_	1991-up	Set
*Note: 1994-up gears of	can be used i	n earlier tra	ansmissior	ns but only in	matched sets	S.		

5-Speed Transmission Gasket Kit



5-Speed Jims Hardware and Rebuild Kit includes bushings, locks, keys and snap rings for completing as 5 speed transmission rebuild. James gasket set included.

VT No.Year17-10191980-Early8417-1020Late1984-9017-10211991-9817-10351999-up



Transmission Gasket Sets. Complete gasket and oil seal kits listed below for individual application.

James	GB No.	OEM Fits
15-0841	15-0619	33031-82 1980-84 Big Twin 5-Speed
15-0841	15-0641	33031-85 1985-99 Big Twin 5-Speed
15-0842	15-0762	33031-91 1991-99 Dynaglide FXDB-S
—	15-0767	— 1999-up FXD
15-0843	15-0763	33031-93 1993-99 FLHS-FLHTC
15-1211	15-0764	33031-99 1999-up TC-88



James Transmission 5-Speed Seal Kits. VT No. Year 15-1166 1984-93 15-1167 1994-up



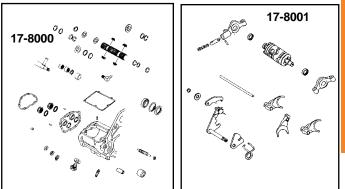
Big Twin Transmission Sprocket Oil Seal Kit for 2006-up Dynaglide and 2007up Big Twins. VT No. 15-1276

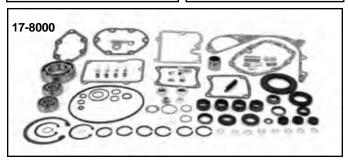


5-Speed Big Twin Main Drive Gear Oil Seal and Spacer Kit features three lip seal and coated sprocket spacer. The coating provides superior surface lubricity and increased corrosion resistance. Fits 1994-up as a replacement or on ratio change on earlier models with late pulley. VT No. 17-0752

Transmission



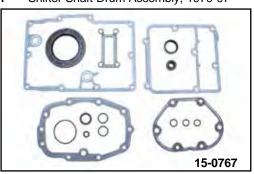






GB^M Big Twin 5-Speed Builder's Kits include all parts noted by each illustration.

VT No. Type
17-8000 Internal Small Parts Kit
17-8001 Shifter Shaft Drum Assembly, 1979-97



Transmission Sprocket Oil Gasket and Seal Kit fits 1999-2005 FXD. VT No. 15-0767



End Cover















 Chrome Clutch Release Covers. Order release kits separately.

 VT No.
 OEM
 Fits/Item

 43-9131
 37105-87A
 1987-99 FXST-FXD

 43-0540
 1987-99 Billet Type

 17-9846
 37109-87A
 1987-94 FXR Chrome Cover

43-0537	37105-99	2000-up FXST
		1999-05 FXD
43-0787	37116-06	2006-up FXD,
		2007-up FXST
43-0131	37104-84	1980-86 Chrome Cover
18-3212		Release Ramp Kit
37-8985		Allen Chrome Dipstick
17-9946	35250-90B	Bearing Housing, 1990-up

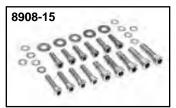






Chrome Big Twin Transmission Dress Trim fully covers end cover and inner door.

VT No. Year 42-0452 2000-06 42-0456 1987-99 FXST 42-0457 1987-99 FXR



8912-13

Release Cover Screw Kits 8908-15 1980-86 Allen 8909-13 1987-up Allen 8909-13-P As Above Polished 2006-up 6 Speed 1980-86 Acorn 8404-27 8912-13 1987-up Acorn 8913-13 1987-up Cap 15-1050 Gasket, 1980-86 15-1051 Gasket, 1987-99



43-0794

5-Speed Big Twin Chrome Transmission Side Cover and Top Cover Set includes chrome allen screws and chrome allen dipstick.

 VT No.
 Year
 Model

 43-0790
 1987-99
 FXST-FLST

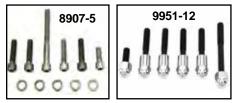
 43-0791
 1987-94
 FXR

 43-0792
 2000-06
 FXST-FLST

 43-0793
 1999-00
 FXD

 43-0794
 2001-05
 FXD

 8909-13
 Transmission
 Side Cover Allen Screws



Top Cover Screw Kits

FXSI-FLSI					
8404-27	1980-85	Acorn			
8906-5	1980-85	Allen			
8907-5	1988-99	Allen			
8907-5T	1988-99	Allen			
8910-5	1987	Acorn			
8911-5	1987	Cap			
8922-5	1988-99	Cap			
9951-12	2000-06	Acorn			
9952-11	2000-06	Allen			
9952-11-P	2000-06	Polished Allen			
Dynaglide					
9785-9	1991-05	Acorn			
9789-17	1991-05	Allen			
9789-17-P	As Above	Polished			

5 and 6-Speed Top Cover





43-9136 Installed



43-9111



Chrome 5-Speed Transmission Top Covers. VT No. Year Model

VT No.	Year
43-9111	1979-86
43-9136	1987-99
43-0504	2000-06
43-0786	2007-up
	2006-up







Chrome Oil Fill and Transmission Top Covers fit 1990-up FXD.

VT No.	OEM	ltem	Year
42-1020	62511-06	Oil Spout	2006-up
43-0786	34469-06	Transmission Top Cover	2006-up



Chrome Transmission Vent Canister accepts 5/16" or 3/8" hose. VT No. 40-0457







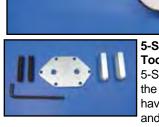


5-Speed Kick Starter Kit features slim profile design. Pushrod modification may be required. Order kick starter arm and pedal separately. Fits all 5-Speed replacement OEM transmissions.

2-1968

VT No. Item 17-0858 Kit 17-0876 Kit with arm 17-0857 Gear Set 17-0989 Inner Clutch Ramp 17-0869 Shaft, 1" longer 12-1968 Bearing 13-0123 Replacement Spring 17-0353 Dipstick 15-0688 Gasket Kit **Dipstick**

17-0353



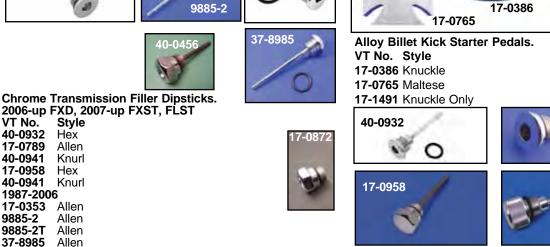
5-Speed Kick Starter Installation Tool. Save time when installing 5-Speed conversion units, because the complete transmission does not have to be dismantled. Mainshaft and clutch pack can remain in place. Reduces labor from 6 to 3 hours. VT No. 16-0756

> 5 and 6 Speed Bearing Support Plate for 1984-2000 Big Twin with kick starter. Billet aluminum support plate includes bearing. VT No. 20-0250

> > 17-0789

40-0941





9885-2T

7-0989

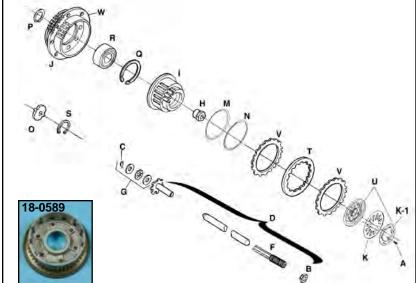
Hex Plug (No Dipstick) 17-0872

Hex

40-0456

1998-up Clutch Pack Assembly





1998-up Big Twin Clutch Parts. Clutch Drum "J" has "W" Ring Gear installed.

VT No. OEM # 12-0585 2980 А В 12-0563 7848W С 12-0923 11096 D 17-9252 37069-90 37088-90 37090-98 18-0169 37090-98 F 18-3623 37312-75 G 37313-80 11096 12-9914 37496-90 Н 18-0160 37550-98 18-0171 37550-98 Т 18-0588 31626-06 Т 18-0592 37554-11 Т 18-0161 37707-98A J 18-0589 Clutch Drum J 18-0180 37707-98A J 18-3252 37871-98A Κ 18-8317 37871-98A Κ 18-0163 37872-98 K-1 18-0164 37883-98 Μ 18-0165 37884-98 Ν 18-8257 37903-90 0 18-8258 37904-90 Ρ Q 18-8259 37905-90 12-0160 37906-90 R 12-0178 37906-11 R 18-8261 37909-90 S 18-3251 37913-98 т 18-0166 37912-98A U 18-3250 37932-98 V 18-8319 W 18-0723 2007-10 18-0455 2007-10 18-0456 2011-up 18-0193 2007-10

Item Screw (6 used) Locknut Retaining Ring Pushrod Release Set
End, Rod, Left only Bearing, Kit includes Thrust Washer (2) Retaining Ring Mainshaft Nut Clutch Hub (OE), 1998-06 Clutch Hub (V-Twin), 1998-06 Clutch Hub, 2007-10 Clutch Hub, 2007-10 Clutch Drum Includes Q and R As Above 2011-up 2007-10 FXST 2006-2010 FXD Clutch Drum Only Diaphragm Spring (BTE) Diaphragm Spring (BTE) Diaphragm Spring Spring Retainer Damper Spring Release Plate Retaining Ring, External Retaining Ring, Internal Bearing 1990-10 Bearing 2011-up Retaining Ring, Internal 1990-99 Steel Plates (8) Pressure Plate Kit Plate Set (9) Starter Ring Gear Clutch Drum Kit Clutch Retaining Ring Internal
Clutch Drum Only Clutch Drum Shell



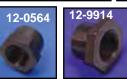
Order VT No. 18-0133 Complete Assembly 1998-06 5-Speed

18-0588





Clutch Hub. VT No. Year 18-0171 1998-06 18-0588 2007-10 18-0592 2011-up



 Big Twin Clutch Hub Nuts secure

 clutch hub to main shaft.

 VT No.
 OEM
 Fits

 12-0564
 37496-84
 1984-89

 12-9914
 37496-90
 1990-up



Big Twin Starter Ring Gears for replacement on stock clutch drums only. **Note:** Bolt on types include bolts.

 VT No.
 Year
 Teeth

 18-8307
 1991-93
 66T

 18-8308
 1994-97
 102T

 18-8319
 1998-06
 102T

 37-0018
 Allen Bolt





Easy Starter Kits for Big Twin Models. Improves starting on high compression big inch engines through an improved starter-to-clutch basket gear ratio. Complete kits include a clutch basket with bearing for Big Twin models with 66-tooth starter ring and a 9-tooth starter pinion gear.

VT No.	Year
18-1220	1994-97
18-1221	1998-2006
32-9201	9T Gear

1	
Clutch Parts for	M
1991-97	
Big Twin	
Big Twin Clutch Parts for 1991-97.	
VT No. OEM # Item	
12-0563 7848W A Locknut	G
12-0923 11096 B Retaining Ring 17-9250 37069-90 C Pushrod	S C
17-9250 37069-90 C Pushrod 37088-90 Release Set	
37090-84A	F (((0)))
18-3253 37090-84A E End, Rod, Left only	B ⁹ OO Q J
18-3623 Kit F Bearing Kit	
37312-75 Bearing	
37313-80 Thrust Washer	La sur sur sur sur sur sur sur sur sur sur
11096 Retaining Ring	
12-9914 37496-90 G Mainshaft Nut	12-0160
18-0159 37550-90A H Clutch Hub, V-Twin	
18-8263 37707-90 I 91-93 Clutch Drum with Gear, OE 18-8310 37707-90 I As Above, V-Twin	
18-8311 37707-94 I 94-97, Clutch Drum w/Gear, V-Twin	
Note: Order bearing for above separately VT No. 12-0160	
18-8308 102T I Ring Gear Only	
18-3234 37871-90 J Diaphragm Spring	18-0131
18-3267 Heavy J Diaphragm Spring	
18-8256 37872-90 K Spring Seat	
18-8257 37903-90 L Release Plate	
18-8258 37904-90 M Retaining Ring, External	
18-8259 37905-90 N Retaining Ring, Internal 12-0160 37906-90 O Bearing	
18-8260 37908-90 P Retaining Ring, Internal	(D) AD CO
18-8261 37909-90 Q Retaining Ring, Internal	
18-3231 37913-90 R Steel Plates (6), Barnett	
18-8255 37912-91 S Pressure Plate	
18-3230 37911-90 T Plate Set (8), Barnett	
18-8262 37977-90 U Spring Plate, Smooth	
18-8313 37977-90 U Spring Plate, Smooth	
18-8307 — V Ring Gear 1990-92 18-8308 — V Ring Gear 1993-97	$\cap \cap \circ \lor$
	90
18-0159 Clutch Hub replaces stock	18-0132
units. Replaces 37550-90A.	
Fits 1991-97.	
VT No. 18-0159	



Complete Clutch Pack Assembly. VT No. Years Model 18-0131 1991-93 Big Twin 18-0132 1994-97 Big Twin



BIG TWIN

Complete Assembly 1985-90. VT No. 18-0130



18-0130

1984-90 Big Twin Clutch Hubs feature the updated factory construction which has a machined steel center with aluminum outer

splined ring, secured by allen screws, with steel studs welded in place. Order related hardware separately.

VT No. OEM Year Type 18-8153 37550-84A 1984-90 V-Twin **18-8170*** 37550-84 1984-90 V-Twin *Note: Early style hub with aluminum studs





1984-89 Big Twin Clutch Hub Kit includes updated reinforced steel center clutch hub, steel drive plate set and friction plate set. VT No. 18-0541



1985-90 Clutch Hub Sleeve is a reinforcement ring for hubs at the tapered end. Sleeve is pressed on with beveled side out toward inner primary, after clutch drum with bearing is set over hub, so that clutch drum and hub will be installed as one unit.

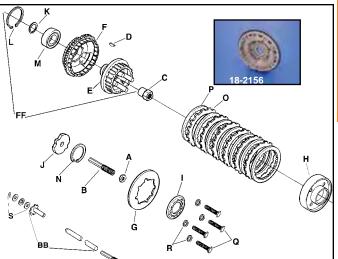
VT No. Type

18-8240 Aluminum one piece type hub 18-8241 Steel two piece type hub



(D)]	
	E		

1985-90 Big Twin 🔛 **Clutch Parts**



1985-90 1340 Big Twin Clutch Pack Hardware.

1000 00 1040		
VT No. #	OEM	Item
12-0563 A	7848W	Nut, 5 pack
18-3259 B		Adjusting Screw for Stock
18-3253 B	37090-84A	Adjusting Screw for 18-3680
17-9246 BB	Kit	Rod Set, 1985-86
17-9248 BB	Kit	Rod Set, 1987-89
17-9249 BB	Kit	Rod Set, 1990
12-0564 C	37496-84	Nut, Mainshaft
12-0212 D	37523-85	Key, 10 pack
18-8153 E	37550-84A	Clutch Hub, V-Twin
18-3641 F&M	37702-84A	84-Early85 Clutch Drum with Ring Gear
18-2156 F&M	37707-84A	Late85-90 Clutch Drum with Ring Gear
18-8290 G	37875-86A	Diaphragm Spring
18-0186 FF	Kit	1984-Early85 Drum/Hub Assembly
18-0187 FF	Kit	Early1985-90 Drum/Hub Assembly
18-3680 H	37901-84A	Pressure Plate
18-3255 I	37902-86B	V-Twin Adjuster Plate
18-3215 J	37903-84	Release Plate
12-0953 K	37904-84	Retaining Ring External
1 2-095 4 ∟	37905-84	1984-97 Retaining Ring Internal
12-1375 L	37905-84	1984-97 Retaining Ring Internal, 5 pack
12-0308 M	37906-84	Bearing
12-0955 N	37907-84	Retaining Ring, 10 pack
18-1147 O	37931-84	Friction Disc, 6 pack
18-1148 P	37975-84	Drive Disc, 7 pack
37-8944 Q	2881W	Bolt and Washer
37-9272 R	6242W	Washer
18-3623 S	Kit	Bearing Kit
12-0923 ⊤	11096	Retaining Ring

Clutch Drum and Hub Assembly. Bearing and snap ring are installed in drum. Starter ring gear offset dimension shown (D).

VT No. Year **Starter Ring Offset** 18-0186 1984-Early85 1.670 18-0187 Late1985-90 2.087





York Hi Performance Clutch Kits have been especially

designed for better clutch operation and to deliver more torque

and horsepower capacity. All parts are made from the highest

quality materials to ensure a trouble free operation. The Kevlar clutch plates are made for heavy duty operation and deliver a

smooth power transfer to the rear wheel. The adjustable coil springs allow you to tailor your clutch lever pressure and clutch

operation as needed. These kits also boast very low mainte-

Replacement Pack for 18-0587

nance, "Set it and Forget it." They are great upgrade kits.

Model 18-0586 1998-06 5-Speed Big Twin



York Patch. VT No. 48-1781



York Posilock Clutch Kit fits 1998-2006 Big Twin featuring positive engaging ball ramp activation. VT No. 18-0780

Barnett Scorpion Clutch Kit features over twice as much friction surface area compared to stock clutch. All Scorpion Clutches provide a positive engagement and release. Scorpion clutches incorporate 6 heavy duty coil springs. In addition, an extra spring set with a different spring rate is

included which allows the clutch to be tuned for street or race application depending on usage. Tunability is easy without removal of the primary cover. Barnett Friction Plates are compatible with any primary oil. Each kit is designed to be used with stock type clutch basket.

VT No. Year 18-3833 1986-89 Big Twin 18-3842 1990-97 Big Twin 18-3852 1998-06 FXST, FLST, FLT; 1998-05 FXD 18-3853 2007-09 FXST, FLST, FLT; 2006-09 FXD



BDL Competitor Clutch Kit features 9 springs and shoulder bolts for simple adjustment, large 40mm double row hub bearing, polished pressure plate and Kevlar clutch.

VT No. Fits

20-0628 1990-97 Evolution Big Twin with Chain Primary Drive **Replacement Friction/Steel Sets for Above** VT No. Fits 18-0548 20-0628



(((10)))

VT No. Year

18-0590 18-0591

Replacement Pack for 18-0586 Complete Clutch Pack fits 2011-up FXST, FLT. Kit includes clutch hub, thrust washer, spring washer and retaining ring, clutch spring seat, spring damper spring seat, damper spring, release place, internal retaining rings, double row ball bearing, clutch pressure plate, 8 clutch plates, and 9 friction plate kit.

> VT No 18-0595 Pro-Clutch by *Rivera Engineering*



Pro-Clutch by Rivera Engineering converts old style clutch packs to smooth modern diaphragm spring function. Available for early chain or belt drive with wet or dry clutch. Kit includes clutch hub with bearing, clutch discs (friction and steel), diaphragm spring, spring retainer, pressure plate and four shoulder bolts. 1984-up kits utilize existing clutch basket, supplies a clutch hub to allow use of clutch plates that increase surface area by 100% to reduce slipping.

VT No. Year	Туре
20-0549 1984-89 Big Twin	Chain
20-0550 1990-97 Big Twin	Chain
20-0580 1998-06 Big Twin	Chain
20-0732 2006-10 Dynaglide and 2007-10 Big Twin	Chain
20-0736 2011-up FXST, FLST, FXD, FLT	Chain
16-0310 Puller Tool	

Replacement Friction/Steel Sets VT No. Fits 18-0542 Special application for chain or belt drive 18-0544 20-0549, 1984-89 Chain 18-0545 20-0550, 1990-97 Chain 18-0546 20-0580, 1998-up Chain









Primary Chain Drive Systems for Big Twins include 76 or 82 link Diamond primary chain, chain shoe adjuster assembly, clutch drum basket with starter ring gear and steel and fiber clutch plates with pressure plate assembly. Correct front compensator sprocket assembly includes all parts necessary for installation. Including sprocket nut. 5-Speed Big Twin Softail models and all pre1985 FLH-FX 4-Speeds require 82 link primary chains, 1980-up FLT-FXR 5-Speeds require 76 link primary chains.

82 Links	76 Links	Year		
18-0102*	18-0114*	1998-06		
18-0103*	18-0113*	1994-97		
18-0104*	18-0112*	1991-93		
18-0105*	18-0111*	1985-90		

*Note: Units include compensator front sprocket assembly.

Big Twin Clutch Pack







18-0595



Big Twin Clutch Packs feature stock style components for a complete clutch installation.

complete	ciucii instanation
VT No.	Year
18-0134	1984-Early 85
18-0130	1985-90
18-0131	1991-93
18-0132	1994-97
18-0133	1998-06
18-0723	2007-10
18-0595	2011-up

Primary Drive Assembly



Primary Drive Assembly Kit includes clutch pack assembly, chain, chrome inner and outer primary covers with all bushings, seals, spacers, gaskets and mount screws including the starter jack shaft assembly.

VT No.	Years	Model
43-1002	1994-97	FXST
43-1000	1998-06	FXST



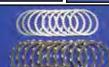
Big Twin Clutch Kit

Carbon Fiber Clutch Sets by Barnett for wet clutch applications. Carbon fiber clutches feature excellent lubricity and very good energy absorption.



Series K[™] clutches perform flawlessly under extreme heat conditions Smooth precise shifting Steel backing plates for maximum strength · Kevlar is the most durable friction material made. • 100% asbestos free





18-3695

VT No. Note Year 18-3693 1984-89 1 18-3690 1990-97 18-3691 1990-97 2 1998-up 18-3694

8-369⁻

18-0166

Note 1: Plates are wider than stock. Adds 25% more surface area.

Note 2: Consists of nine friction plates and eight steel plates. Adds 12% more surface area double steel drive plate is not used.





Barnett Diaphragm Clutch Spring.			
VT No.	Year	Тур	
18-3213	1984-89 Big Twin	Stoc	
18-8306	1990-97 Big Twin, 25% stronger	Hear	
	1998-05 FXD, FLT	Stoc	
	1998-06 FXST, FLST		
18-3696	As Above, 25% stronger	Hear	
18-0166	As Above	Stoc	
18-3255	1984-89 Adjuster		

Type	Item
Stock	Spring
Heavy	Spring
Stock	Spring

avy ock	Spring Kit
JUK	MIL
	Plate

VT No. Note Item Fits 1984-89

А

С

F

Friction Plate (6) Steel Set (7)

Friction Plate (8) Steel Set (6)

Extra Plate Friction Set Friction Plate (9)

Steel Set (8) Н Extra Plate

18-3695 Notes

18-1147

18-1148

18-3230 18-3231

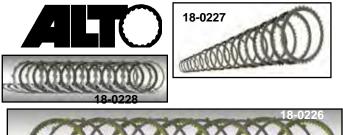
18-3233

18-3251

Fits 1990-97

Fits 1998-up 18-3250

- A. Plates are 25% wider than stock for a greater surface area contact.
 C. Stock double riveted Drive Plate must be reused.
- OEM replacement type, Not Genuine Barnett D. E.
- Bonded with carbon graphite compound by Raybestos. Dry flex clutch. Includes steel plates. For dry clutch conversion only. 1990-up
- models will not reuse spring plate. Consist of 9 Friction Plates and 8 Steel Plates. Add 12% more surface area to clutch double steel Drive Plate not used with kit. F.
- G. 1967 and older models, 1 extra steel plate is required.
- H. Consists of 10 friction plates and nine steel plates. Adds 11% more surface area.

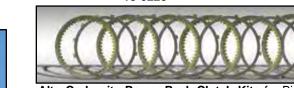




KEVLAR CLUTCH SET

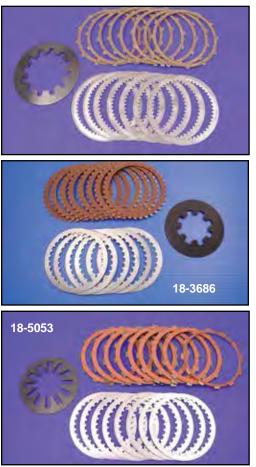
Alto Clutch Sets. Available in fibers and steel. Sold Kevlar or Red Eagle type. Both are bonded to steel.

Alto Clutch Sets For Big Twin Models		
18-8281	1984-89	Red Eagle
18-8292	1984-89	Kevlar
18-8290	1984-89	Diaphragm Clutch Spring
18-8276	1990-97	Red Eagle
18-8299	1991-97	Kevlar
18-8315	1998-up	Red Eagle
18-8316	1998-up	Kevlar
18-8317	1998-up	Diaphragm Spring
Steel Pla	tes For Bi	g Twin
18-8289	1984-90	Set
18-8286	1990-97	Set
18-8318	1998-up	Set
202		



Alto Carbonite Power Pack Clutch Kits for Big Twin include friction and steel plates. Friction plates feature 3M carbon based friction material to withstand high friction and heat temperatures. Steel plates are melonite treated for better engagement and cooler running. Order spring plate separately.

VT No.	Year
18-0226	1984-89
18-0227	1990-97
18-0228	1998-up



Clutch Pack-Kit. Heavy duty factory "wet" type for Big Twins. Complete kit includes our original bonded police Kevlar clutch steel plates with diaphragm spring.

VT No. Year 18-3669 1985-89 18-3686 1990-97 18-5053 1998-up

Diaphragm Springs



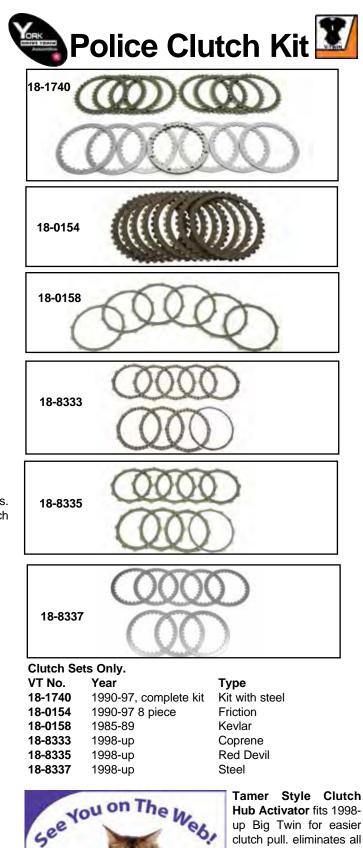




Sitton Springs.			
VT No.	Big Twin	Туре	
18-3234	1990-97	Stock	
18-3267	1990-97	Heavy	
18-0533	2006-up	Stock	
18-0539	2006-up FXD	Blue	
18-0670	2006-up FLT	Yellow	
		-	

York Patch. VT No. 48-1781

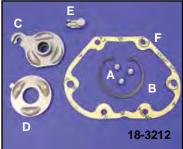




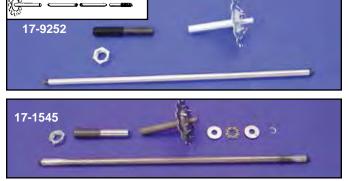
www.vtwinmfg.com

Hub Activator fits 1998up Big Twin for easier clutch pull. eliminates all clutch drag and lunging while in gear or while stopped. Greatly reduces gear clash, and increases clutch and transmission life by providing a clean and free clutch release. VT No. 18-0834









5-Speed Clutch Push Rod Kits are three piece. Replaces OE parts for all 5-speed transmissions.

Clutch Release Kit for cable direct operated clutch on 5-speed models. Fits 1987-up.

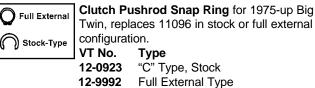
VT No.	#	OEM	Item
18-3212	All	Kit	1987-99 Complete
18-3268	All	Kit	2000-up Complete
12-0158	А	8873	1987-up Ball
12-0951	В	10998	1987-up Retainer Ring
18-3209	С	25452-87	1987-99 Inner Ramp
18-3210	D	25453-87	1987-99 Outer Ramp
18-3211	Е	34920-86	1987-up Coupling
15-0240	F	36801-87	1987-up Gasket
15-1504	F	36801-87	1987-up Gasket with bead





5-Speed Clutch Release Lever Set fits 5-Speed models 1982-86. It replaces the stock release arm. Cable bracket, mounting hardware and acorn nut included. Replaces 37085-80, 37096-83 and 37096-85.

VT No.		OEM	Item
43-0131			Chrome Cover Only
18-3661	А	37084-79	Release Finger
18-3653	В		Release Lever Kit
12-1159		11019	Shaft Snap Ring
17-9980		37083-80A	Finger Shaft

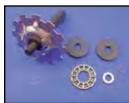


VT No. OEM OEM Model 17-9243 37089-79 37090-79 1980-E84 FLT-FLHT 37088-79 1982-83 FXR 17-9244 37089-84 37090-84 Late 84 FLT Classic 37088-84 Late 84 FXRS-FXRT Late 84 FXRP-FLHTP 17-9245 37089-84 37090-84 Late 84 FXST 1985-86 FX 37285-84 17-9246 37089-84 37090-84 1985-86 FLHT-FLT 37088-85 1985-86 FXRS-FXRT 1985-86 FXRP-FLHTP 1986 FXST 17-9248 37089-84 37090-84 1987-89 FLT-FXR-FXST 37088-87 17-9249 37089-84 37090-84 1990 FLT-FXR-FXST 37088-90 1991-97 FLT-FXR-17-9250 37069-90 37088-90 37090-84A FXST-FXD 1998-06 FLT-FXST-FXD 17-9252 37069-90 37088-90 37090-98 17-1545 2007-up 6 Speed



Thrust Washer Bearing Kit includes oversize washer and related parts. VT No. 18-0261

Oil Slinger includes rod end. Replaces 37069-90. For 1990-up Big Twin. **VT No. 17-9255**



1987-up Big Twin Clutch Release Kit includes end rod with slinger, bearing, washers and snap ring. **VT No. 18-0260**

Big Twin Clutch Adjusting Screws sold each.

VT No.	Years
18-3259	1985-90
18-3253	1991-up



BIG TWIN





Chrome Smooth Contour Control Kit features a hidden underside mounting on the switch housings for an unobstructed smooth, rounded surface on the top housing. Switch housings use stock or chrome rounded switches (introduced on 1996 models). Complete kits include clutch and brake levers, master cylinder, hydraulic clutch, switch housings, brackets and hardware. Master cylinder is ¹¹/₁₆" bore, hydraulic dual disc. Clutch handle is ¹¹/₁₆" bore.

 VT No.
 Style

 22-0377
 Milled

 22-0378
 Contour

 26-0590
 Lever Set



Hydraulic Clutch Handle Kit. Fits 1987-2006 VT No. 26-0996



18-0675 Installed

E-Z Clutch Control



Soft Pull Clutch Ramp Kit includes spring plate for 1998up Big Twins. VT No. 18-0559

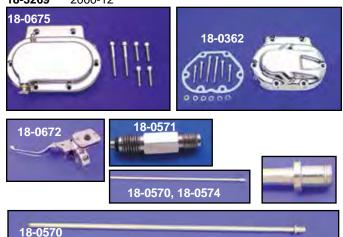






E-Z Pull Clutch Assist reduces manual effort required to pull the clutch lever by 40%. Mechanism fits inside transmission side cover and extends clutch operating mechanism for improved leverage.

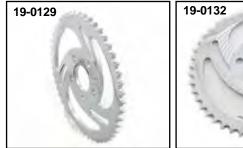
VT No. Year 18-3232 1987-99 18-3269 2000-12



Components

Compon	CIILO
18-0672	Complete Hydraulic Handle
18-0362	Cover Only 1999-up TC-88
18-0675	Cover Only 1987-05
18-0676	Cam Cover, 2006-up 6 Speed
18-0570	Clutch Rod 1999-up 15.25"
18-0571	Hydraulic Clutch Fitting
18-0572	Clutch Rod, 1987-05 15.5" Long
23-1715	Rebuild Kit for 18-0672





Chrome Lazer Design Rear Sprockets with 9.8mm offset for 1973-84 FX-FL or flat. Offset Flat Teeth

19-0129	19-0132	48
19-0130	19-0133	49
19-0131	19-0134	51



19-0672

Sprocket Offsel



Chrome 5-Spoke Sprockets. Offset models have 9.8mm offset. F Offset Flat Teeth 1973-99 19-0672 19-0674 48 19-0673 19-0675 51 2000-up 19-0218 19-0251 48 19-0250 19-0221 51

Transmission Sprockets



may be required. .250"

.715"

Α

В

VT No.

19-0433

19-0436

.500"

19-0400

19-0401

19-0488

.940"

19-0213 19-0489

19-0433

Year

1984-85

Roller only

19-0224 .900 Offse

chain drive conversion..900 offset is the maximum offset without

.900"

19-0223

19-0224

Rear Chain Tensioner by LBV

reduces chain vibration and frequen-

cy of adjustment by utilizing a durable urethane roller which revolves on sealed bearings mounted on stainless

1.350"

anchor plates.

Model

FXST

All

any modification to the stock inner primary, to allow the installation of a 180 tire, without transmission offset. Fender modification

.810"

19-0214

19-0215

19-0216

1.236"



Teeth

21

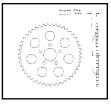
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23

24



Note: To use on 1994-up models, Drive Sprocket Spacer & Seal must be changed to Pre-94 type. Seal: Replaces 12050 VT No. 14-0157 Spacer: Replaces 33334-84 VT No. 17-9851



Offset Sprocket Kit with .200" offset for FXST and FXR. Allows installation of 150 series tire by converting from belt to chain drive on 1986-99 FXST and 1985-94 FXR models. The stock final drive ratio is 2.1875 with belt drive and then new drive ratio will be 2.125 when used with 24 tooth front sprocket and 51 tooth rear sprocket and 2.00 when used with a 48 tooth rear sprocket. *Note: Includes rear sprocket spacer.

VT No.	Item	Teeth
19-0164*	Drive Sprocket	22T
19-0402*	Drive Sprocket	23T
19-0122*	Drive Sprocket	24T
19-0128	Rear Sprocket Spacer	3/16"
19-0021	Rear Sprocket FXR	48T
19-0022	Rear Sprocket FXR	51T
19-0037	Rear Sprocket FXST	48T
19-0041	Rear Sprocket FXST	51T



6-Speed Transmission Sprocket

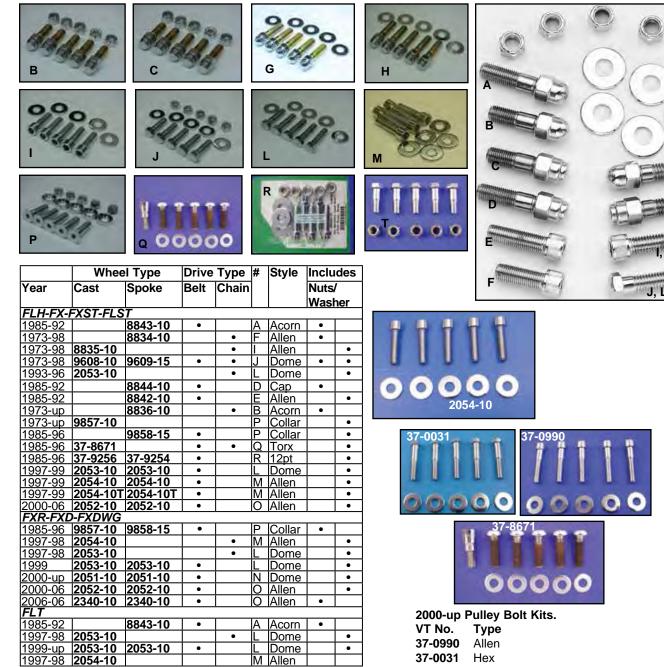
Tooth	Offset
26T	Standard
25T	Standard
24T	Standard
26T	1/2"
25T	1/2"
24T	1/2"
	Tooth 26T 25T 24T 26T 25T 24T



Chrome Chain & Belt Sprocket Bolt Kit



M.O





Pulley Spacers provide offset when required, with $\frac{7}{16}$ " bolt holes. Each disc measures $2\frac{1}{16}$ " Inner Diameter with $4\frac{5}{16}$ " Outside Diameter for 1980-99.

VT No.	Thick	Material	*Note: Use when installing flat
23-0320*	1⁄16"	Steel	rotor on 1973-75 Big Twin.
19-0128	³ ⁄16"	Steel	5
19-0452	³ ⁄16"	Billet	
19-0413	1⁄4"	Steel	
19-2001	5⁄8"	Billet	

2000-up Rear Pulley-Disc Spacers with 2.25" inner diameter Sold as each.

Solu as ea		
VT No.	Thick	
20-0346	1⁄16"	
20-0347	.125"	
20-0343	.200"	
20-0344	.250"	
20-0345	.300"	

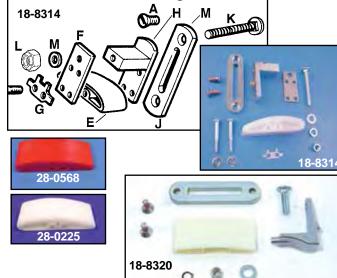
37-8671

Button

Note: Offset is measured from sprocket bolt mount surface to center line of teeth as shown.



Chain Tensioner Primary Chain



Chain Tensioner Parts fits Big Twin models. VT No. # OEM Type Years

VI NO.	#	OEM	Гуре	Years
18-8314		All	Complete Kit	1985-2000
18-8320		All	Complete Kit	2001-2005
18-3217		B-C-F-G	Hardware Kit	
37-9030	А	1783	Screw, 10 pack	
37-8801	В	3862B	Bolt, 5 pack	
18-3682*	С	4401W	Hex Bolt, each	
28-0225	Е	39976-65B	Nylon Pad	1965-2000
28-0568		Red	Nylon Pad	1965-2000
28-0234	Е	39976-01	Nylon Pad	2001-2005
17-0915	G	39996-65	Lock, 10 pack	
18-3218	Н	39990-65	Shoe Mount Bracket	1965-2000
18-3219	F	39993-65	Plate	
18-3622	I I	39992-65A	Nut and	
	J	39998-65	Anchor Plate	
18-3634	J	—	Anchor Plate with car	riage bolt (K)
37-8802	Κ	5444	Carriage Bolt, 5 pack	
18-3223	I	39992-65A	Nut Only	
*Note: Early style Hex Bolt, screws into 18-3223 Nut.				

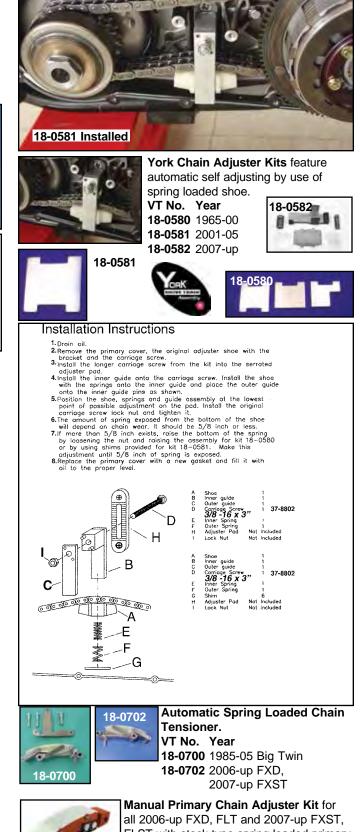






York Big Twin Hydraulic Primary Chain Tensionator™ features a hydraulic valve which controls the motion of the submerged piston which constantly keeps the chain in tension for 1965-up Big Twins. VT No. Item

18-0120 Chain Tensionator 18-0128 Chain Tensioner Shoe





Manual Primary Chain Adjuster Kit for all 2006-up FXD, FLT and 2007-up FXST, FLST with stock type spring loaded primary adjuster assembly allows precise adjustment of primary chain and creates less drag and loss of power like stock spring loaded assembly. VT No. 18-8328



92

86

74



		19-0	360
Diamond	Endless Pr	imary Chain	IS
VT No.	Size	Year	Model
19-0361	428x2-76	1979-06	FLT-FXR
19-0368	428x2-74	1994-06	FLT
19-0360	428x2-82	1986-06	Softail
		1991-05	FXD
19-0786	428x2-92	2007-up	Softail
19-0583	428x2-86	2007-up	FLT
		-	

Primary Chain



Primary Chain. Made from select steel allovs that are light vet provide maximum strength. These primary chain has shot-peened, heavy-duty side plates and solid roller construction.

TYK Diamond Fits 19-0878 1980-06 FLT 19-0876 1980-06 FXWG and FXST 19-0933 1980-06 FXWG and FXST 19-0835 19-0786 2007-up FXST 19-0836 19-0583 2007-up FLT 19-0837 1994-06 FLT

Links 76 82 84

Replica Compensator Sprockets



19-0171 Sifton Kit, 34 tooth 19-0175 34 tooth sprocket only 19-0586 30 tooth sprocket 12-1102 Bolt Set

FXST-FLST, 2012-13 FXD, 2011-13 FLT. Can also be used to

compensator. Heavy Duty Kit is should be used for higher than

upgrade 2007-11 FXST-FLST and 2006-11 FXD to late type

stock horse power engines.







BDL 3" Electric Start Belt Drives with billet motor plate. Includes 8mm belt, polished motor plate, double row sealed mainshaft support bearing, polished side guard, polished dome pulley covers and Kevlar clutch. ***Note:** Can only be used with 1991-up starter motor and some modifications will be necessary to install these kits.

VT No.	Year	Belt	Front	Rear
			Pulley	Pulley
20-0600*	1985-89	20-0603	20-0900	20-0914
20-0601	1990-up	20-0603	20-0900	20-0914

Sealed Inner Primary Bearing fits York and BDL models.

VT No. 12-0993



Round Dog Clutch Plate Set includes steel and friction plates to fit BDL units. VT No. 18-0701

8mm x 42mm BDL Belt Drive Kits



BDL 8mm x 42mm Electric Start Belt Drives. Includes a polished pressure plate, Kevlar clutch, sealed inner primary bearing and features a shorter length clutch hub that eliminates unnecessary weight past the end of the mainshaft and can be installed without any modifications to inner primary.

VT No.	Fits	Belt	Front
			Pulley
20-0605	1986-89 All FXST	20-0630	20-0902
20-0629	1994-up All FXST	20-0630	20-0902
18-0554	Replacement Clut	ch Pack fo	r Above Units

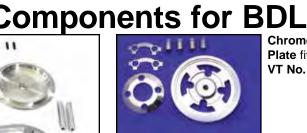


BDL Polished Billet Belt Drive Support for all BDL Softail and Dynaglide belt drives. The support plate keeps the engine and transmission shafts from flexing. Each kit includes support plate, pulley covers, new pressure plate and hardware. **VT No. 20-0090**





Chrome Out Board Support Kit fits 3" BDL and York Unit VT No. 20-2052



Chrome Billet Clutch Pressure Plate fits BDL 4 Bolt Style. VT No. 20-2051

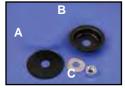


Auto Slip Clutch fits all BDL belt and York 3" drive units. VT No. Item 20-2023 Kit 20-2024 Plates (2)

Note: There is no warranty on belts when sold as part of kit or individual replacements.



BDL "Super Street" 3" x 8 mm Belt Drive for 1990-2000 FXST models. Drive includes complete clutch pak featuring billet clutch basket and aluminum hub with nine (9) Kevlar clutch discs and eleven (11) steel plates, billet pressure plate, nine (9) clutch springs for unrelenting pressure, polished motor plate, polished clutch dome and polished belt guard. **VT No. 20-0645**



A

BDL Front Belt Drive Parts VT No. # Item

- 20-0925 A Inside Belt Guard
- **20-0926** B Outside Belt Guard
- **20-0927** C Motor Nut 55-up w/washer

INTERNET





 BDL Belt Drive Parts

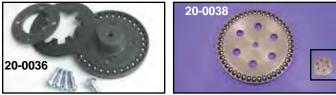
 20-0928
 A Round Dogs 5-Speed

 20-0929
 A Round Dogs 4-Speed

 20-0930
 B Splined Hub 1990-up 3" only

 20-0931
 B Tapered Hub 1986-89

 20-0932
 B Tapered Hub 1965-83



BDL Ball Bearing Lock-Up Clutch. This ball bearing ramp style clutch set reduces clutch slip for a more positive clutch engagement. Available for all BDL belt drives with coil spring clutch except top fuel drives. All Primo belt drive and pro-clutches with diaphragm spring and all Big Twins 1998-07 with stock clutch pack.

VT No. Fits 20-0036 BDL Drives 20-0037 Primo Drives 20-0038 Stock Clutch 1998-07



5 and 6 Speed Bearing Support Plate for 1984-2000 Big Twins with kick start. Billet aluminum support plate includes bearing. VT No. 20-0250

Note: There is no warranty on belts when sold as part of kit or individual replacements.







BDL TF-1000 and TF-2000 "Top Fuel" Street Belt Drives for 1991-up FXST. Features 14mm by 3%" wide belt, Kevlar Nine (9) Plate Clutch with eleven (11) steels, special pressure plate that uses nine (9) springs for varying spring pressure. Drive includes pulleys, belt, clutch pack, starter jack shaft, inner motor plate with oil filter mount pulley domes and side guard. Polished finish. The TF-2000 features out board bearing support and polished finish.

VT No.	#	Replacement Belt
20-0632	TF-1000	20-0127
20-0635	TF-2000	20-0127
20-0755		20-0005



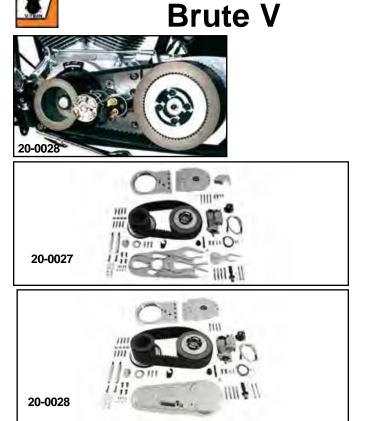
Chrome Belt Drive Cover Set as shown, VT No. Style 20-0005 Smooth 20-0755 Flame





BDL 3" Wide Offset Front Primary Drive Pulley. Use with correct insert and nut for offset desired.

VT No.	ltem
20-0900	Pulley Only, 47 T
20-0935	1/4" Insert and Nut
20-0936	1/2" Insert and Nut
20-0937	3/4" Insert and Nut
20-0938	1" Insert and Nut
20-0939	1 ¹ / ₄ " Insert and Nut
20-0940	11/2" Insert and Nut
20-0941	13/4" Insert and Nut
20-0942	2" Insert and Nut



Primo Brute V "Direct Starter Drive" Belt Drive Kit.

Features a 78 tooth starter ring gear on the back side of front pulley and an inner primary mounted starter motor that allows a 54:1 starting ratio at the crank. Mechanical efficiency is improved 96% over stock type starter configuration. Drive kit includes chrome starter motor, 14 mm x $3\frac{1}{2}$ " wide belt, front pulley, rear pulley, pro clutch 2 piece polished motor plate and belt guard.

	90.0.0	
VT No.	Fits	
20-0027	2000-up	FXST
20-0028	2000-up	FXST

18-0

Guard Type Flame

Smooth

Replacement Clutch Set for all BruteIII belt drives. Includes 6 fiber plate and7 steel plates.VT No.Fits18-0555Early Style with Flange





Primo Offset Front Pulley Inserts for 2.5" diameter Brute III and 3.0" inserts for Brute IV Pulleys. Special nuts and flanges (outside guide plates) are required.

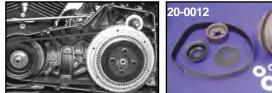
(outoido ge	lido pidioo) i	alo loquilou.	
	Insert for	Insert for	Special
	Brute III	Brute IV	Motor
Offset	Pulley	Pulley	Nut
1⁄2"	20-0943		20-0957
1"			20-0959
1 ¹ /4	20-0946	20-0953	20-0960
11⁄2"	20-0947	20-0954	20-0961
1¾"	20-0948	20-0955	20-0962
2"	20-0949	20-0956	20-0963
	20-0964	Outside Gu	ide Plate

3" Brute IV



3" Brute IV Primo Combination Belt Drive/Motor Plate Kit includes inner motor plate, clutch pack, starter housing and chrome solid belt guard. Order chrome dome cover and rotor cover separately. Motor plate and starter housing have satin finish.

VT No.	#	ltem	Year	Model
20-0209		Combination Kit	2000-up	FXST
20-0018		Combination Kit	1990-99	FXST
20-0105		Replacement Belt for	r Above	
20-0035		Kit	1990-99	
20-0019		Combination Kit	1990-up	FXDG
20-0238	Α	Alt. Rotor Cover	All	Chrome
20-0225	С	Chrome Dome	All	Chrome
18-0556		Clutch Pack	1990-up	All
20-0033		Ring Gear		66 Tooth
		10 Landest		



Brute III from Primo Products includes dry clutch pack pulley assembly which retains diaphragm spring function, while increasing the clutch friction surface area 70% for smooth light fingered action. Kit includes pulleys, 1¾" Kevlar reinforced rubber belt, complete clutch pack/pressure plate assembly and necessary hardware, bolt in kit. Available in 8 mm or 11 mm drive kits.

8 mm Driv	8 mm Drive Kits				
Kit	Repl.	Fits			
	Belt				
20-0665	20-0553	1984-85 FXSB-FXWG			
20-0013	20-0553	1986-89 FXST			
20-0016	20-0554	1986-89 FXR-FLT			
20-0017	20-0554	1990-93 FXR, FLT			
20-0015	20-0554	1994-06 FXR-FLT			
11 mm Drive Kits					
20-0012	20-0553	1994-99 FXST, 1994-99 FXD			
20-0666	20-0553	2000-06 FXST,2000-05 FXD			

Note: There is no warranty on belts sold when as part of kit or individual replacements.

3.5" Brute V



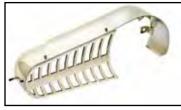
Primo Brute V 14mm x 3½ inch wide open "Super Street" Belt Drive. Features diaphragm clutch spring that eliminates spring adjustment while distributing pressure evenly across clutch pak, motor plate, starter housing, hardware and outer guard. *Note Can only be use with 1990-up starter.

VT No. **Replacement Belt** Fits 20-0075 20-0126 2000-up FXST



Chrome Alternator Cover Set includes polished outer housing and chrome rotor cover.

VT No. 20-0337



Belt Shroud and Side Guard Kit for alternator

Big Twins with 11/2", 2" or 3" open belt drives. Includes chrome belt shroud and polished side guard. VT No. 20-0251



Frame Mount Kickstand Stop for use on all open belt drive Big Twin by clamping to frame tube. Fits 13%" and must be cut to desired length.

VT No. 27-1729

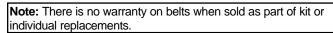
Acorn Motor Nuts for Big Twins with splined sprocket shaft. VT No. 7816-1



Chrome Pike Motor Nut fits Big Twin 1955-up sprocket shaft. VT No. 37-0890



Sealed Clutch Drum Bearing for belt drive applications on Big Twins. VT No. Years 12-0587 1985-90 12-0588 1991-up





Belt Guard Mounts to Brute IV and V units.

VT No.	Style	Width
20-0680	Flame	3.5"
20-0682	Smooth	3.5"
20-0683	Flame	3"



Chrome Billet Aluminum Flamed Belt Guard. The enhanced three dimensional characteristics of the guard allow you to customize the guard by applying paint or other effects to the recessed areas to match your existing custom paint job. Fits Primo Brute IV and Brute V

belt drives and includes Super Duty "H" mounting bracket. VT No. Fits 20-0025 Brute IV

20-0026 Brute V

Outside Belt Guide Plate is for all Primo 8, 11, and 14 front pulleys except taper shaft. VT No. 20-0230





Polished Alternator Cover for Big Twins. Use on all Cone motors. Designed to protect your alternator, also helps cooling by acting as a heat sink. Has a mounting lug for belt shroud built in.

VT No. 20-0330



Chrome Big Twin Alternator Rotor Cover presses over 1981-up rotors for tight fit. VT No. 20-0216



Chrome Alternator Rotor Cover fits major brand belt drive and open primary set ups. Installs to completely cover the steel alternator rotor. VT No. 20-0238



18-0201 Primo Belt Drive Clutch Hub Nut and Adjuster Kit will prevent oil leakage through the mainshaft when using a belt drive system. Kit includes clutch hub nut, seal and adjuster screw with nut.

Note: For Belt drive primary system only. VT No. Mainshaft Type Year 18-0200 1984-89 Tapered (Seal Type)

Splined (O-Ring Type) 18-0201 1990-up



Belt and Pulley Kit

1986-up Rear Belt and Pulley Kits for Softail models. Kits include transmission pulley with locknut kit, rear pulley in chrome or natural finish and Dayco belt.

ley with locknut kit, rear pulley in chrome or natural fini					
VT No.	Year	Туре	Tooth	Width	
		Alloy Pulley	32-70	1.50"	
20-0315	1986-93	Chrome Pulley	32-70	1.50"	
20-0317	1994-99	Alloy Pulley	32-61	1.50"	
20-0298	1994-99	Chrome Pulley	32-65	1.50"	
20-0698	2000-05	Chrome Pulley	32-70	1.125"	
20-0748	2007-up	Chrome Pulley	32-66	20mm	

Note: There is no warranty on belts sold when as part of kit or individual replacements.

Front Pulleys









Final Drive Front Pulleys available for Big Twin models as supplied by V-Twin, Karata, Andrews or BDL. All BDL pulleys are ¹/₃" lighter than stock. Include nut, lock plate and screws. Stock Size Pulley Noted by ***Note:** Nut lock plate and screws sold separately.

JUCK .	Slock Size Fulley holed by hole. Nut lock plate and screws sold separately.							
# of	84-93 BT	84-93 BT	84-93 BT	84-06 BT	94-06 BT	94-06 BT	07-up	07-up
Teeth	Karata	V-Twin	Andrews	BDL	Andrews	V-Twin	V-Twin	Andrews
	5-speed	5-speed	5-speed	5-speed	5-speed	5-speed	6-speed	6-speed
28	—	_	—	—	—	-	_	_
29	_	_	20-0700	20-0703	20-0709	_	_	—
30	20-0481	20-0734	20-0701	20-0704	20-0710	_	—	20-0728
31	—	—	—	20-0705	_	20-0733	_	—
32	_	20-0447*	—	20-0661*	_	20-0706*	20-0696	—
33	_	_	—	20-0707	_	-	—	—
34	_	—	20-0702	20-0708	20-0711	_	_	20-0729
35	—	20-0735	—		_		—	—





20-0389



Big Twin Drive Pulley Kits include pulley which accepts 1.125" or 1.5" wide belts, indexing nut seal and seal spacer as required. Fit 5-Speed, 32 tooth.

Year
1984-93
1994-06



Pulley Indexing Flange Nut allows drilling and tapping of additional set screw locations. VT No. Year 20-0214 1993-06 20-0215 1993-06 20-0217 2007-up





Front Belt Lock Plate and Nut Kit includes 2 allen screws, sprocket lock nut and lock plate.

VT No.	ltem	Year
20-0308	Kit	1993-06
17-0960	Kit	2007-up
17-0934	Lock Only	1993-06
17-0959	Lock Only	2007-up
12-0268	Nut Only	2007-up
12-0579	Nut Only	1991-06
37-0429	Set Screw	2007-up

Front Pulley Lock Plate Kit. VT No. Year 20-0338 1994-06 20-0389 1984-93

20-0338



Big Twin Front Pulley Conversion Kit allows use of 1994-06 front pulley on 1984-93 models. VT No. 20-0432



Final Drive Belts by BDL Carlisle, Goody or OE.

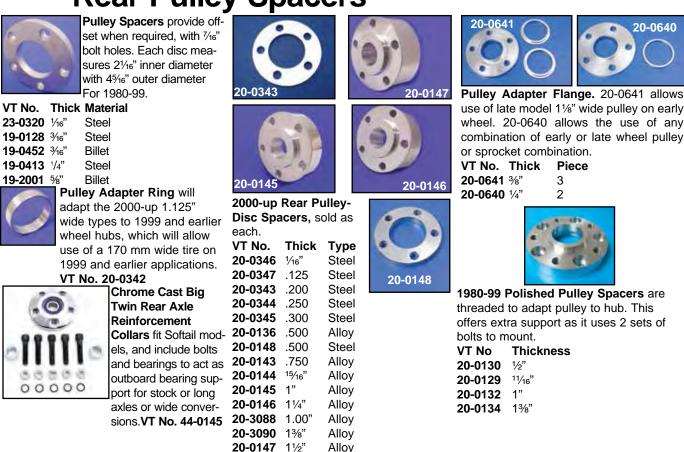
20-4018

Carlisle, Goodyear, G or OE.	ates	20-0786	20-0577
	Big	ງ Twin, 1 ነ	1/2" Wide
Carlisle Goodyear B	BDL #	of Teeth	Model
20-4010 — 2	2 0-0441 13	36	1984-96 FLT-FLHT
20-4011 — 2	2 0-0440 13	32	1986-92 FXST-FLST, 1994 FXST
20-4012 — 2	0-0120 12	26	1980-86 FXSB-FXWG
20-4013 — 2	0-0478 13	33	1991-99 FXD
20-4014 — 2	0-0479 12	28	1993 FXST-FLST
20-4017 — 2	0-0501 13	30	1995-99 FXST-FLST
20-4015 20-0725 2	0-0500 12	27	Ratio Change
20-4016 20-0726 2	0-0455 13	35	Ratio Change
			~

20-0501	130	1995-99 FXSI-FLSI
20-0500	127	Ratio Change
20-0455	135	Ratio Change
20-0579	139	1997-03 All FLT
	Big Twin, 1	1/8" Wide
20-0582	135	2000-05 FXST-FLST, 2000-06 FLST
20-0586	133	2000-06 FXD
20-0668	139	2004-06 FLT
B	ig Twin 20	mm Wide
20-0786	135	2006-up FXST
20-0787	133	2007-up FXST
	Big Twin '	1" Wide
20-4019	133	2007-11 FLST
20-4020	137	2007-08 FLT
20-4021	140	2009-up FLT
20-4022	131	2007-up FXD

Big Twin 24mm wide 20-4023 133 2012-up FXST, FLST

Rear Pulley Spacers





Belt Tension Gauge designed to aid in properly adjusting belt tension on models with a secondary drive belt. VT No. 16-1765

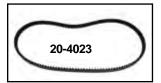
Rear Belt





VT No. Width Tooth Brand BDL 20-0456 1.125" 125T 20-0060 1.125" 128T BDL 20-0592 1.125" 130T OE

Note: There is no warranty on belts when sold as part of kit or individual replacements.





use of late model 11/8" wide pulley on early wheel. 20-0640 allows the use of any combination of early or late wheel pulley



Big Twin Final Drive Tool fits final drive pulley, so the nut can be properly set to torque specifications. Replaces 41184. VT No. 16-0649



Rear Pulley

20-0716







Big Twin Rear Drive Pulley for 2000-up models 70T unless noted. VT No. Year Width Finish

FXD 20-0678 00-05 1.125 Chrome

20-0716 00-05 1.125 Chrome 20-0649 00-05 1.125 Chrome, 66T 20-0647 06-up 1.125 Chrome



20-0313





Big Twin Rear Drive Pulley fit Big Twin models, 1986-99. 1.5 Wide

VT No.	Teeth	Finish
20-0597	61	Natural
20-0313	65	Chrome
20-0353	65	Chrome
20-0434	65	Chrome
20-0671	65	Chrome
20-0675	70	Chrome
20-0452	70	Silver
20-0498	70	Chrome
20-0352	70	Chrome
20-0674	70	Chrome



Pulley Adapter Ring will adapt the 2000-up 1.125" wide types to 1999 and earlier wheel hubs, which will allow use of a 170 mm wide tire on 1999 and earlier applications. VT No. 20-0342

2000-up Rear Pulley for Softail models



5 Spoke Billet Chrome Rear Pulley fits 2000-05 with 1.125" width belt. VT No. Tooth 20-0689 68 20-0354 70







Chrome Billet Rear Pulley features spoke design. Pulleys with 21/4" inner diameter fit hubs with 1" bearings on 2000-up models

VT No.	Tooth	Year	Belt	Spoke
20-0691	65	2000-05	1.125"	18
20-0717	70	2000-05	1.125"	None
20-0379	61	2004-06	1.25"	18







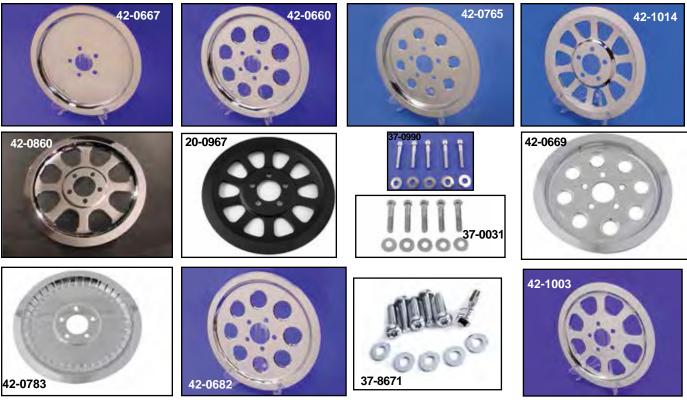
Chrome Pulley fits FXST, with 20mm wide belt. 20-0692 2006-up 70T 20-0697 2007-up 66T



Pulley Cover



BIG TWIN





Outer Pu	Illey Cove	r.
VT No.	Tooth	Fits/Type
FXST-	FLST	
42-0667	70	1984-93 FXST-FLST, Smooth,
		1991-99 Dynaglide
42-0660	70	As Above
42-0765	65	1995-99 FXST-FLST
42-1014	66	2007-up FXST
42-0860	70	2000-06 FXST-FLST
20-0967		2007-up FXST, Black
37-0990		Allen Bolt Kit
37-0031		Hex Bolt Kit
42-0669	61	1990-99 FXST 11" OD,
		.984 Deep
42-0783	70	2000-up FXSTD
42-0682	70	2000-05 Dynaglide
37-8671	70	Chrome Torx bolt kit with socket
20-0832	20-0751*	2007-up FLT *Note: Glossy Black





FXD	
42-1003	70
42-1013	70
20-2026	70
42-1046	70

2006 FXD 2007-up FXD 2007-up FXD, Black 2007-up FXD-FXDWG



Chrome Inner Pulley Insert fits inside 70T rear pulley. VT No. 42-0535



Chrome Inner and Outer Pulley Covers allow both sides of 70 tooth pulleys on 1980-99 Big Twin to be covered with inserts to match to stock hole pattern for the look of a completely chrome pulley.

VINO.	гуре
42-0660	Outer Cover
42-0752	Inner Cover



Shifter Bracket



Chrome Frame Mount Shifter Brackets as stock replacements or when installing forward controls. The 21-0105 and 21-0101 are the exact FXST-FXWG type which features footpeg boss welded to shift plate, stock on 1980-up models which have corresponding brake unit. Order inner shift arm separately.

VT No.	Style
21-0101	Heavy
21-0111	Black
21-0105	Stock
21-0123	Stock
21-2061	Stock
37-9104	Nylon

Fits 1984-89 FXST **Custom Applications** 1990-99 FXST 2000-06 FXST 1986-99 FLST Inner Outer Washer Set

Chrome Jiffy Stand and Shifter Mount Plate Bolt Kit to attach assemblv to left side of frame. VT No. Type Year 7803-11 Acorn 1936-99

1936-99

10-2511

Shifter Bracket Bushing VT No. Fits 10-2511 10-2561



10-2561

1985-93 FXST 1994-up FXST-FLST



Chrome Inner Shifter Arms fit through frame mount shifter plates on Big Twins and feature splined ends.

Year/Model VT No. 17-9770 1984-94 FXR 21-2065 1986-up FLST 21-2074 1990-99 FXST 1993-02 FXDWG 21-0794 2003-up FXDWG 21-0743 2006-up FXDWG 21-0675 Solid, 2000-06 FXST 21-0676 Slotted, 2000-06 FXST 21-0880 Solid, 2007-up FXST





Chrome Replica Foot Shifter Lever Cover fit 1986-99 FLST. VT No. 42-0433



V-Twin Shifter Kit includes 5 small and 5 nylon washers to reduce vibration at inner shift arm and pedal. VT No. 37-9104

Shifter Rod Ends



Ball End Swivel with 5/16 x 24 thread. VT No. Thread

21-2077 Left Hand Short Stud 21-0548 Left Hand Long Stud



Chrome Forked Rod End Clevis is threaded 5/16 - 24 for use on shifter rod. Pin size is 1/4. VT No. 21-2033

Clevis Pins, zinc plated includes cotter pins and washers. VT No. Use

23-0421 1930-69 Brake, 1982-up Brake 1952-84 Shifter 1970-81 Brake 21-1986

> Shifter Rod Jam Nut Set features tapered design to cover excess rod thread, pair, 5/16 x 24 thread. VT No. 37-0863



Self-Aligning Rod Ends. Heim joint type swivel allows alignment up to 28° off center. Self lubricating brass ball socket available for shifter or brake rod ends, 5/16 x 24 or with 5/16 hole. 21-2016 has 5/16 x 24 stud.

VT No. Size 21-0613 5/16" x 24 x 2" 21-0610 5/16" x 24 x 51.4mm 21-0611 5/16" x 24 and 48mm **21-2016** 1984-94 21-2020 Custom 21-0547 5/16 x 24 x 3/8 21-0549 5/16 x 24 x 5/8







Chrome Billet Shifter Lever features slotted design. Fits 1990up FXST and 1991-up FXDWG. VT No. 21-0670

Billet Shifter Lever



Slotted Billet Lever with cats paw footpeg. VT No. 21-0691



21-0311

21-0302

21-2068

21-0684

Billet Lever with Cats Paw Footpeg for 1990-up FXST, 1991-up FXDWG. VT No. 21-0690

Stock Shifter Lever



Chrome Billet Shift Lever fits 1990-up FXST and 1991-up FXDWG models. VT No. 21-0221



Chrome Billet Forward Control Kit has bullet foot pegs and a 3/4" master cylinder.Order shifter rod, brake lines and kickstand assembly separately.Fits custom application. VT No. 22-0995

	1
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-	6 c
	-

 VT No. Fits

 21-0684 FXDWG 1993-2005

 21-0686 V-ROD 2002-up

 21-0687 2000-up FXST, FLST

 12½"

 21-0688 2000-up FXST, FLST

 13½"

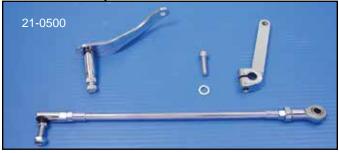


0 🗣

Chrome Shifter Linkage Kit replaces original shift linkage on 2000-up Softail models and 1980-up FLT-FLHT models and replaces 33814-98A.

VT No.	Туре
21-0502	Kit
21-0791	Rod Or

Rod Only 0791



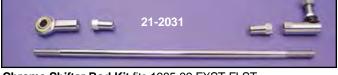


Chrome Shifter Arm and Linkage Kits include inner arm, inner shifter lever, rod with ball and swivel ends.

VT No.	Model
21-0500	1986-up FXST
21-0501	1990-up FLST



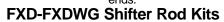
Chrome Shifter Rod Kit fits 1980-up FLT and 2000-up Softail. VT No. 21-2039



Chrome Shifter Rod Kit fits 1985-99 FXST-FLST.

VT No.	ltem
21-2031	Kit
21-2022	Rod Only

Straight Shifter R diameter with 5/16" each end. *Note: 0 VT No. Length 21-0324 35%" 23-0252 734" 23-0252 734" 23-0253 10½" 23-0255 11" 21-0546* 111/4"	x 24 thread at Offset	VT No. 21-0330 21-2022* 21-0321 21-0333 21-0334 23-0257 21-0332	12" 12½" 13½" 14½"	Finish Chrome Chrome Chrome Chrome Chrome Chrome





Chrome

VT No.	Year	Model	
21-0322	1991-05	FXDWG	
21-0327	1991-05	FXD	
21-0328	1991-05	FXD	
21-0300	1991-05	FXD	
21-0338	2006-up	FXDWG	
110 1			

Chrome Zinc Stainless Steel Chrome **Billet Twisted Shifter** Linkage fits 1986-up Softail. VT No. 21-0228



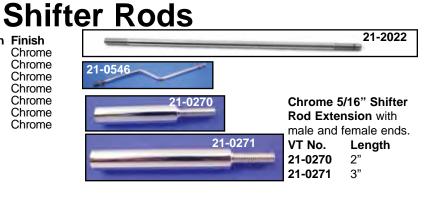


Chrome Billet Shifter Rod Kits includes heim joint ends. Stock length rod is 10%" long. VT No. Length 21-0672 Stock 21-0678 Stock 21-0223 Extension +2"



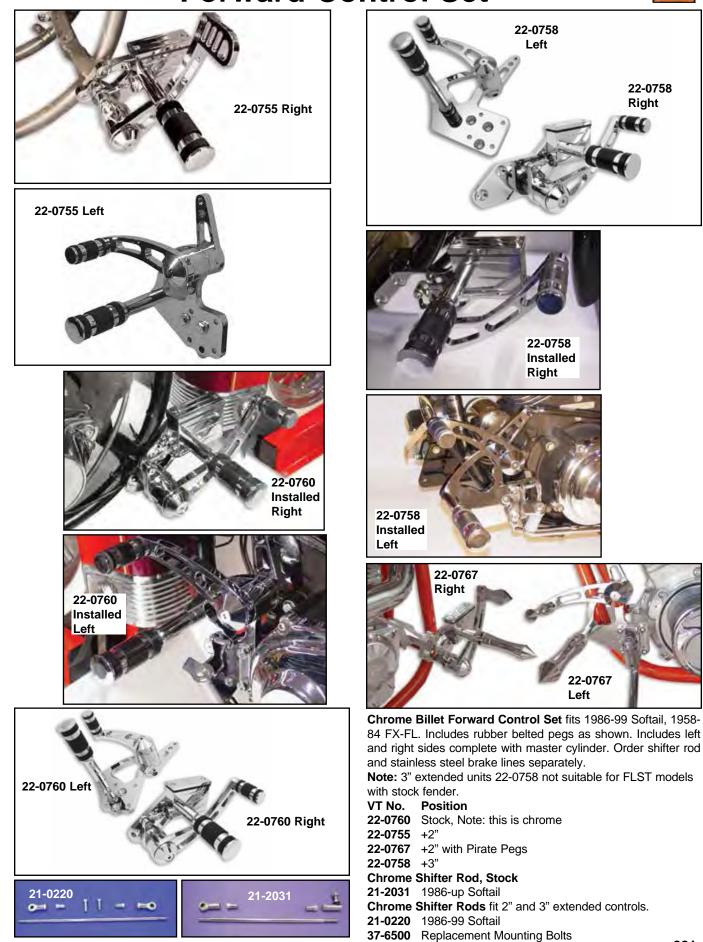
Chrome FXST Shifter Linkage includes transmission arm cover, rod, two swivel ends and nuts. Parts sold separately.

21-2060 A, B, C, D Rod Kit with cov	'er
21-2031 B, C, D Rod Kit only	
42-0722 A Arm Cover only	
21-2022 B Rod only	
21-2020 C Swivel End	
21-2023 D Ball Joint End	
21-2028 E Inner Lever	



Forward Control Set





BIG TWIN

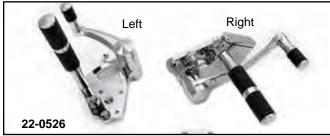


Billet Forward Control Kit



22-0526 Right Installed





Billet Shifter Rod Kit fits 2" and 3" extensions. VT No. 21-0223 fits 1986-99 Softail.

Replacement Hardware 23-3005 Master Cylinder Only (3/4") 23-0859 Master Cylinder Kit (3/4") 23-0574 Master Cylinder Top Only with Top and Screws 28-0607 Matching Grip Set 27-0615 Matching Passenger Peg Set 21-0673 Shift Peg 28-0634 Shift Peg Rubber 21-0677 Shift Lever, Inner 21-0154 Shift Lever 23-0773 Brake Plunger Rod 21-0785 Plunger Clevis FXST Brake Line Required Components 23-0946 Spike Brake Pad 23-4050 Banjo 10mm 35° 23-8120 Stainless Line 32" 23-9228 T Fitting 23-4396 Line Fitting 23-8020 Stainless Line 12" 23-4047 Banjo 10mm Straight









Chrome Billet Forward Control Set for 1986-99 Big Twin. VT No. Extended 22-0767 2" 22-0526 3"



21-0223 Installed



Style Pirate Maltese



Brake Pedal Pad VT No. 23-0946 21-0699

Behind the Scenes at V-Twin Mfg.



http://www.youtube.com/watch?v=oyA9qU7Y4q0&list=UUoKfvCXCqOKPF5smOwNON1A&feature=share&index=1

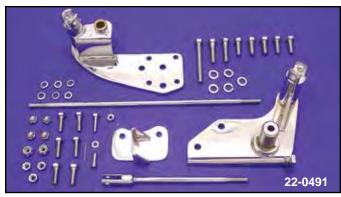
Forward Control Kits for 1982-99 FXST





V-TWIN KITS Since 1978 THEY'RE STILL THE BEST WAY...





Extended Forward Controls For FXST. Designed for riders over 6 ft. tall. These chrome units extend the footpegs 4" forward and keep the right and left peg parallel while retaining stock peg to pedal distance. Extension kits utilize stock brake pedal shifter arm and lever. Brake and shifter plate supplied in heavy 5/16" steel along with longer brake and shift rods. Fits FXST, FXSTC and FXSTS. Also available in complete units with all hardware, for both sides.

 VT No.
 Year/Type

 22-0490*
 1986-Early87 Extension Kit

 22-0491
 1987-99 Extension Kit

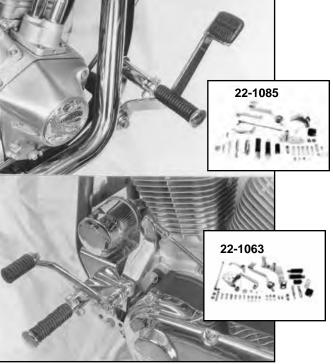
 22-0492*
 1986-Early87 Complete assembly

 22-0493
 1987-99 Complete assembly

***Note:** Above models fit 1986 models when oil filter on shift side is relocated. Can fit 1984-85 models if master cylinder bracket is fabricated and welded in place.

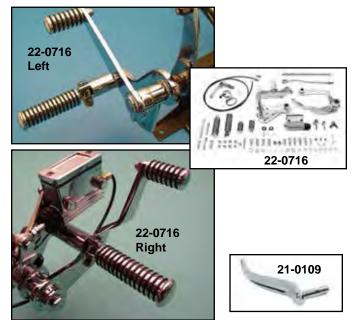
Chrome Billet Forward Control kit includes shift and brake side controls. Kit is stock length with rods included. Fits 1987-99 FXST.

VT No. 22-0860



FXST Chrome Replacement Style Forward Control Kits include mounting brackets, levers and correct linkage for 1982-99 FXWG and FXST models. Master cylinder not included.

VI NO.	Fits
22-1062	1982-Early87
22-1063	1987-89
22-1085	1990-99



Chrome Forward Control Kit fits 1958-86 Big Twins, 1986-99 FXST. Includes shift and brake sides including ³/₄" bore chrome Kelsey Hayes style master cylinder. Kit is supplied with O-ring pegs, but can be replaced with other style of clevis mount pegs. A universal nylon brake line kit, chrome mount hardware and 4 and 5 speed styles shift rods are also included.

VT No.	Item
22-0716	Kit Complete
21-0109	Shift Lever Only



Shifter Kit





5-Speed FXST **Replica Forward** Shifter Kit is complete with all hardware necessarv for installation on 1981-up 5-speed Big Twins. Use in conjunction with

our FXST Replica Controls listed on the opposite page, as all kits place pegs in a forward position. Foot rests on peg while shifting for added comfort. This is an exact stock replacement in chrome for 1984-up FXST. Kit includes chrome heavy duty shifter bracket, inner lever, shifter lever, rod, rubber shift peg and foot peg.

VT No. Fits 22-1004 1981-99 FXR 22-1006 1985-89 FXST 22-1009 1990-99 FXST





Brake and Shifter Kits. Order footpeg, left and right side separately.

Item

Chrome

Chrome

2000-06

VT No. 22-0523 22-0522

Туре Shift Brake



22-0522

22-0523

Chrome Kit

Extension Bracket Sets 3" Extension Kit fits

FXSTC-FXSTB.



2000-06 FXST. VT No. 22-0305

2000-06 3" Extension Kit moves

controls 3" forward for FXST-FXSTD-

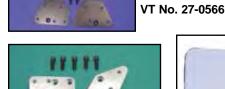
Shift Hardware. VT No. OEM 22-0523 Kit 17-9300 6057 14-0913 11191 21-2074 33660-90B 21-0111 33683-00 33708-94 10-2561 33719-79A 21-2039 21-2063 34564-90A 21-0317 34611-65

Item

Kit

Kit

Item Chrome Nylon Washer O-Ring Shift Lever Lever Bracket Bracket Bushing Shifter Rod Kit Shift Lever Arm Shifter Rubber



2" Forward Control Extension Bracket will relocate the stock or custom forward controls 2" forward on 1936-99 Big Twin models. Note that hoses and linkage will also have to be extended. VT No. 27-0594



31-0933

Black

.5

1986-99 Forward Control for FLST



BIG TWIN





Brake Side Kit includes black or chrome backing plate, chrome pedal, chrome master cylinder and cover. Related hardware included. Order line separately.

VT No.	ltem
22-0507	Complete Kit
22-0512	Complete Kit with chrome plate

Brake Side Components 1986-99 ELST

Brake Side Components 1900-99 FLST.			
23-9229	42407-87B	Brake Pedal Chrome	
28-2233	42416-83	Rubber for above	
23-9235	42431-87	Mount Plate, Black	
23-9246	42431-87A	Mount Plate, Chrome	
23-9236	50992-87	Rod End	
23-0650	42468-87	Master Cylinder	
28-2005	40922-87	Rubber Boot	
42-0316	41745-79	Master Cylinder Cover	
23-8822	40957-87A	Brake Line	
23-9234	42301-87	Master Cylinder Stud	
23-0759	5797A	Pedal Washer	





FLST Brake and Shifter Control Mounts use these brackets and mounts to put FLST Controls and floorboards on 1984-99 FXST 5-Speed models. Order components separately or as kits. Floorboards not included.

Shift Side Kit includes chrome shift mount plate, 2 chrome shift levers with rubbers, chrome floorboard mounts, chrome inner and rod assembly. Related hardware included. Shift Side

VT No. 22-0508

Shift Side Components 1986-99 FLST.

VT No.	ÖEM
21-2061	33630-90
27-1692	50990-86B
27-1690	50989-86
21-2065	33668-90A
21-2042	33895-82
21-2031	11729

Item Shift Mount Plate Floorboard Mount Strap Mount Stud Inner Shift Lever FLST Lever, 2 used Chrome Shift Rod Kit with Ends



2" Extension Kits



Item

COLON

Front Axle Nut & Spacer Kit

Rear Axle Nut & Spacer Kit

Motor Oil Filter Plug & Dipstick

Alternator Derby Cover Mt Kit

Sprocket Cover Mounting Kit

Rear Shock Mount Kit

Front Axle Cover Set

Clutch Cover Mount Kit

Fork Bracket Mount Kit

Frame Assembly Kit

Headlamp Mount Kit

Windshield Mount Kit

Cover Allen Screws

Handlebar Master Cylinder

Polished Allen Show Bike Kit

Polished Cam Cover Mount Kit

Shifter Mount Kit

Upper Case Plug

1111115

VT No.

2154-3

2156-4

2160-1

2161-2

2167-2

2171-17-P

2172-16-P

2173-3-P

2175-4-P

2176-8-P

2177-8-P

2178-4-P

2179-7-P

2180-12

1021-P

2168-22-P

2158-11-P

FLST Foot Control/ Floorboard Extension Kit for 1986-99 models. 2" extension kit includes adapter plates and shifter rod. VT No. 22-0307

For V-Rod Shock Absorber Mounting Kit

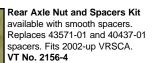


includes spacers, allen polished screws, washers and nut. Fit 2002-up VRSCA. VT No. 2158-11-P Motor Oil Filler Plug/Dipstick



with O-Ring. Replaces 26541-01K. Fits 2002-up VRSCA. VT No. 2160-1

Rear Axle Covers add a smooth, finished look. Easily installed with a set screw. Fit 2002-up VRSCA. VT No. 2163-2



moves controls 2" forward for 2000-2006 FLST. VT No. 22-0306

2" Footboard Extension



Chrome Hose Shield fits V-Rod models. VT No. 42-0965

Front Axle Nut and Spacers





Upper Crankcase Plug and Gasket Kit. Custom knurled and decorative chrome plug with gasket. replaces 1034M and 6298M. VT No. 2167-2



2000-up Forward Control for FLST

VT No.

12-0597

12-0987

13-9170

28-2005

23-0458

23-7740

28-2233

23-0095

23-0010

15-0540

23-0460

23-0768

44-0557

14-0568

23-0612

23-9177

23-0405



Chrome Brake and ShifterMount Plates replace original
units on FLST models.VT No.OEMSideYears23-009542431-00Right00-0621-012233630-00Left00-0621-0126—Set00-06



Brake Side Components FLST, 2000-up.

Item

Jam Nut

Retaining Ring

Return Spring

Pushrod Boot

Pushrod Kit

Reservoir, 2000-05

Gasket, 2000-06

Rebuild Kit, 2000-05

Banjo Bolt

Clevis Pin

Gasket Reservoir, 2000-05

Grease Fitting, 2000-05

OEM

7951

40918-87

40920-87

40920-87

41755-99

41957-97

42416-83

42431-00

42454-99

42455-99

42597-00

45149-99

50972-75

41731-88A

41747-82A

42382-87B

42460-80B

2000-06 Brake/Shifter Side Components for TC-88 models FLST, FLSTF, FLSTS. FLST style controls accept footboards.

Brake, FLST VT No. OEM Item 22-0520 Kit Chrome Shifter Side 22-0521 Kit Chrome

Master Cylinder Assembly, 2000-05

Brake Lever Pad FLST, 2000-05

Foot Brake Mount FLST, 2000-06

Chrome Brake Lever FLST, 2000-06

Chrome Reservoir Cover, 2000-05

Shifter	Side	Components	2000-up	FLST.
---------	------	------------	---------	-------

VT No.	OEM	Item
17-9300	6057	Nylon Washer
14-0913	11191	O-Ring
21-0110	33630-00	Lever Bracket, 2000-06
21-2039	33719-79A	Shifter Rod Kit
21-2065	33668-90B	Shifter Lever, 2000-06
10-2561	33708-94	Bracket Bushing
21-2042	33895-82C	Shifter Lever Arm (2)
21-0317	34611-65A	Shifter Rubber



Shifter Cover Kit fits 2000-06 FLST. VT No. 42-0900

32-0443	72023-51C	Stoplamp Switch	
	tral	Diocos	









Chrome Forward Control Bracket Set fits 2007-10 FXST. Reuse of forward control components necessary.

VT No.	ltem
22-0742	Bracket Set
23-1210	Brake Line

Type Extended 2" Extended 2"

2000-up FXST Control Pieces





Chrome Brake and Shifter Mount Plates replace original units on FXST models.

units on F	-XST models.		
VT No.	OEM	Side	Year
21-0250	33920-00	Right and Left	2000-06
23-0094	42507-00A	Right	2000-06
21-0123	33683-00	Left	2000-06
22-0829		Kit, Left	2000-06
Brake Side	Components FXS	ST 2000-up.	
VT No.	OEM	Item	
12-0597	7951	Jam Nut	
12-0987	40918-87	Retaining Ring	
13-9170	40920-87	Return Spring	
28-2005	40920-87	Pushrod Boot	
23-0458	41755-99	Master Cylinder Assembly,	2000-05
23-7740	41957-97	Pushrod Kit	
23-0094	42507-00	Foot Brake Mount FXST, 2	000-06
28-0548	42532-82	Brake Lever Pad FXST, 20	00-05
23-0010	42454-99	Reservoir, 2000-05	
15-0540	42455-99	Gasket Reservoir, 2000-05	
23-0459	42515-00	Chrome Brake Lever FXST	,
23-0768	45149-99	Chrome Reservoir Cover, 2	000-05
44-0557	50972-75	Grease Fitting	
14-0568	41731-88A	Gasket	
23-0612	41747-82A	Banjo Bolt	
23-9177	42382-87B	Rebuild Kit, 2000-05	
23-0405	42460-80B	Clevis Pin	
32-0443	72023-51C	Stoplamp Switch	







Original Forward Shifter Control Kit. FLH type allows the use of foot pegs. Order complimenting forward brake control on opposite page. Units allow 1 down and 3 up shifting pattern. The 22-0801, and 22-1055 kits include proper ratchet arm and dust cover. All other kits attach to existing components on shifter mechanism. Instructions and diagram included with each kit. Display packaged! 5-Speed

VT No. Fits 22-1015 1982-94 FXR 22-1008 1985-99 FXST

No Mix-Ups No Searching One Kit Does It All For Less! Shifter kit on this page is compatible with VT No. 22-0500, 22-0501, 22-0505, 22-0506, 22-0510, 22-0511 and 22-0512. Note: FLH models 1979-83 rotary transmission tops have the down turned shifter top arm. Check motorcycle or your factory parts book for correct application.

Forward Brake Kit

BIG TWIN





Original Forward Brake Control Assemblies will equip all Big Twins with hydraulic brakes and powered by either 1970-83 Shovel or 1984-99 Evolution engines. Available in either Wagner or Kelsey Hayes styles, with or without master cylinders. Footboards can be fitted to our Wagner style kits VT No. 22-0500, 22-0505 or 22-0506. Wagner styles use 41761-73 master cylinder, or Kelsey Hayes type 41576-79A, for those wishing to utilize their existing master cylinder. Complete assemblies include detailed instructions and diagram for installation. Display packaged

Display pa	ackageu.		
VT No.	Туре	Master Cylinde	r
22-0500	Wagner	Without	
22-0505	Wagner	With Plain	
22-0506	Wagner	With Chrome	
22-0501	Kelsey Hayes	Without	
22-1017	Kelsey Hayes	With Chrome	
*Note: Fo	r kits 22-0500	22-0505 22-0506	2

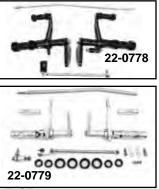
***Note:** For kits 22-0500, 22-0505, 22-0506, 22-0501, and 22-1017, use Russell front line 23-8809 and rear line 23-8915 for disc brake models and tee 23-0707.

Footpeg Mounting Studs fit through Wagner or Kelsey Hayes master cylinders to mount foot pegs to these forward assemblies. Stud side shown accepts that size footpeg yoke.

VT No. Type

37-8986 Kelsey Hayes Type ³/₈ - 24 **37-8987** Wagner Type ¹/₂ - 20





Billet Forward Control. Black Polish Fits 22-0 22-0772 22-0777 1984-99 FXST, FLST 22-0778 22-0779 2003-2013 FXD



Forward Control for FXR-FXRS





21-0223 Rod 23-0859 Master Cylinder Rebuild





Chrome FXR Forward Control Set. Complete chrome set brake and shifter units are a replica of the comfortable FXST style which has pegs in full forward position. Features one piece brake rod which adapts directly to stock master cylinder, No need to relocate master cylinder on all 1982 and later FXR-FXRS-FXRT also 1985 FXS-FXE. Chrome cover included to cap shifter shaft after installation.

 VT No.
 Year
 Type

 22-1074
 1982-E87
 FXR Set

 22-1004
 1982-up
 Shift Side

 22-1073
 1988-up
 Brake Side

 23-0251
 1982-up
 Brake Clevis



Chrome Left Side Frame Cover for all 5-Speed FXR 1984-94. Fits directly under the standard left side frame cover. Supplied complete with chromed button head allen hardware, and an allen key wrench.

VT No. 42-0008





Cast Inner Primary Cover fits 1990-93 FXR. VT No. Finish 43-0233 Inner 43-0204 Outer Chrome

Chrome Oil Tank fits 1982-94 FXR models. Includes mounting hardware and hose. Replaces 62406-81. VT No. 40-0094







FXR-FXRS Forward Control Set fits all 5-Speed FXR-FXRS series Shovelhead or Evolution powered 1982-up. Installation does not require the primary cover to be removed. All parts are chromed and the footpegs provided are "O" ring style, does not fit Dynaglide.

VT No. Year/Model 22-1035 1982-94 FXR

22-0782

1982-94 FXR Chrome

1982-94 FXR Black

each.VT No. 37-8872

Shift Shaft Cover. Chrome acorn style has ½" inner diameter to fit over unused shifter shaft in primary cover when installing forward controls.Sold

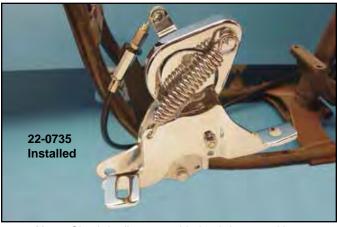


Chrome Steel FXR and FXRS Side Cover Set fits 1984-94 FXR-FXRS. VT No. 42-0100

1982-94 FXR



FXR Passenger Footpeg Kit includes chrome brackets and bolts, which moves passenger footpeg higher and more forward. Stock or custom ½" stud footpegs can be used. VT No. 27-1531



Note: Clutch is disengaged in heel down position.



Slap Stick Jockey Kit includes assembly with jockey handle for 5 Speed 1989-99 Big Twins models. VT No. 22-0735



Left Side Frame Spacers will position forward pedals for primary clearance. VT No. Height 21-0175 .50" 21-0313 1.25" 21-0178 1.75"



 Jockey Handle includes knob.

 VT No.
 Model

 21-0567
 1986-05 FXST-FLST

 21-0570
 1986-up FXST-FLST

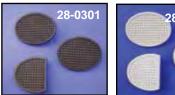
 21-0589
 1980-up FLT



Billet Jockey Shifter Kit includes top mount and rod for 1986-99 Softail models. Order knob separately. VT No. Item 21-0180 Kit 21-0129 Lever Assembly

28-0312

Rubber Pad Sets





Clutch and Brake Pads in a three piece sets.VT No.Color Item28-0301Black Three piece28-0302White Three piece28-0351*Black One piece *Note: Oval Pad only28-0312Black Three piece, Replica

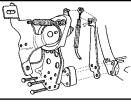
5-Speed Foot Clutch Control Kit



Note: Clutch is disengaged in heel down position.

1986-99 Softail Foot Clutch Kit includes chrome rocker assembly, cable bracket and spacer block.

VT No. Finish 22-0727 Chrome 22-0732 Black



Foot Clutch Conversion Kit allows use of Police Rocker Clutch VT No. 22-0720 or 22-1016 on 1987-99 FXST-FLST where the clutch cable goes directly into transmission side cover. Kit includes bracket and cable. May not be used with front engine bar.

VT No. Item

22-0499	Kit (Bracket and Cable)
22-0720	Rocker Only
36-0516	Cable Only
21-0162	Spacer Block (0.75")
21-0313	Spacer Block (1.25")
21-0178	Spacer Block (1.75")

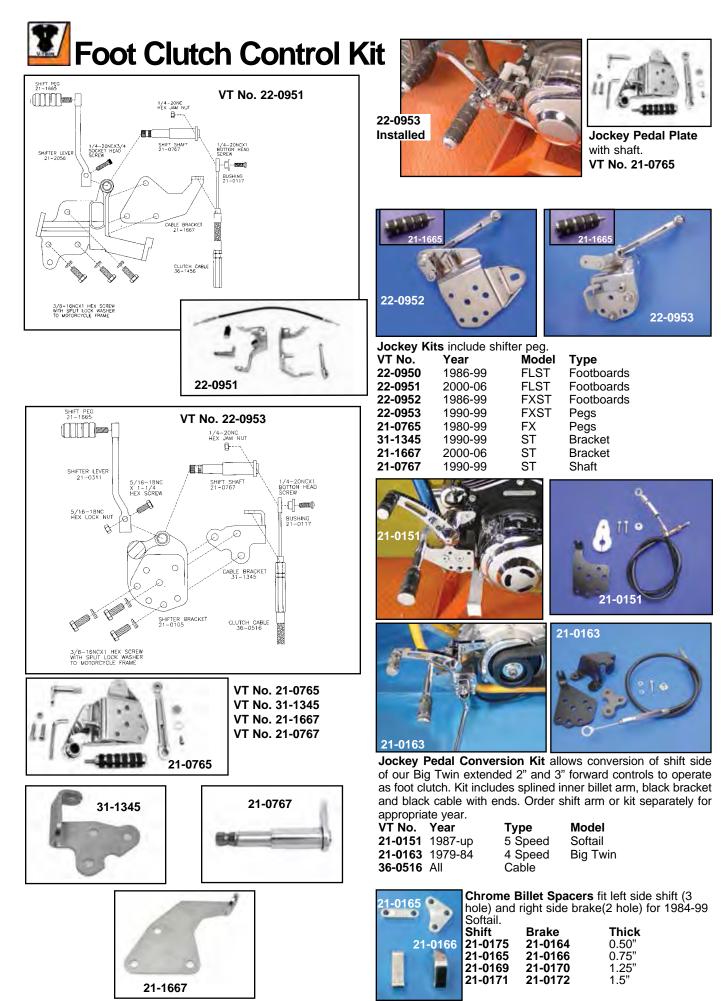


Rocker Type Clutch Pedal Assembly.Replaces 36810-65A for 1936-78 Big Twins. When installed on any 1965-78 FL, 18-3606, clutch release arm must be used. Order appropriate rod separately. For 1965-up primary applications order VT No. 21-0313 alloy spacer block separately.

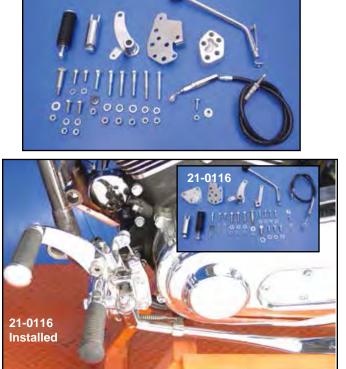
VT No.	Item
22-0720	Chrome Complete
22-1016	Black, with Chrome Spring Friction Cover
22-0997	Parkerized Replica











21-0114







Jockey Pedal/Handle Kit fits FXST models. Includes chrome pedal, plate, cable and chrome handle. Order skull knob separately VT No. 21-2015.

VT No.	ltem	Years
21-0114	Kit	1986-99
21-0116	Kit	2000-2006
21-0570	Handle Only	6-Speed
36-0516	Cable	1986-up
21-0117	Cable End B	ushing
		Braided Foot Clutch Cable fits
X	2	22-0953 kit.
1000		/T No. 36-1456
36-1456		

Jockey Shifter Knobs.				
VT No.	Style	Thread		
21-2082	Black	½ - 20		
21-2084	Brass	3⁄8 - 24		
21-2011	Black, large	3⁄8 - 24		
21-1936	Black, small	3⁄8 - 24		







Police Style Jockey Shift Kit clamps to all Big Twin front frame with 11/8" tubes for 4-Speed ratchet type, 4-Speed rotary and 5-Speed model. VT No. 22-0711 and 22-0712 feature a smooth gate for shifting. Use either rocker clutch pedal or jockey pedal will fit with 3.5 or 5 gallon tanks.

VT No.	Year	Speed	Туре	Tank
	1936-79 only	4	Handshift	5
22-0711	1952-79 Big Twin	4	Ratchet Top	5
	1979-84 FLH	4		
22-0712	1979-84 FXE	4	Rotary	5
	1979-84 FX-FLST	5	-	
	1984-2012 FXST			
	1986-2012 FLST			
22-0737	1979-84 FLT	5		3.5
21-0697				di l



Red Baron™ Shifter Knob is 1.5" shape cross. Machined of Billet with natural finish.

VT No.	Thread
21-0697	3⁄8 - 24
21-0703	⁷ ⁄16 - 20

21-0588 Adapter 1/4 - 24 Internal Thread, 3/8-24 Ext. Thread

Brass Skull.	
VT No.	Size
21-2121	³⁄8 - 24
21-2015	None
21-0650	⁷ ⁄ ₁₆ - 20
21-0651	1⁄4 - 20
	Brass Sk VT No. 21-2121 21-2015 21-0650 21-0651



Billet Forward Control Kit for 2000-up Softail





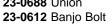


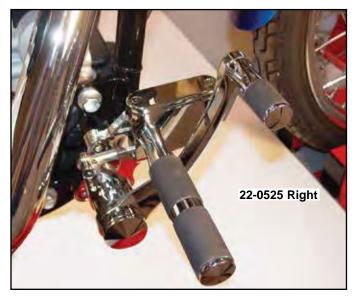
Chrome Billet Rear Passenger Peg Set features 3 band rubber insert. Matches Billet forward controls.VT No.Item27-0615Pegs28-0607Handgrips

23-0891



Order banjo bolt, union and stainless steel line to complete installation. VT No. Item 23-0891 Line 23-0688 Union





2000-up FXST Chrome Billet Forward Control Kit includes right and left sides and adapter block to use 27-3562 stand. Order shift rod and stainless steel brake line separately. Kit is 2" extended.

	<i>.</i>		
VT No.	ltem	Year	Extension
22-0525	Kit	2000-06	3"
21-0220	Rod	2000-up	
23-0891	Line	2007-up	
FXST Brak	e Line Requ	ired Compo	onents
23-4281	45° Fitting		
23-4051	Banjo 10mm	א 90° א ו	
23-4282	3% Fitting 90°	0	
23-8212	18" Brake Li	ne	
23-8100	28" Brake Li	ne	
23-4050	Banjo 10mm	n x 35°	
23-0612	10mm Banjo Bolt		
Replaceme	ent Hardwar	e	
23-1717	Master Cylin	der Rebuild	
23-3006	Master Cylinder		
23-0574	Master Cylin	ider Top	
31-0053	Chrom	e Brake Peo	lal Extended. Extender
00000	allows t	the use of ar	ly style peg to be used as
100 B		الممما ما ممما	كتماده سمطما سمط منتهم مراج

allows the use of any style peg to be used as a brake pedal pad. Brake pedal pad extender can also be used to move the foot position out for more comfort. Extender attaches through the existing ⁵/16" bolt hole in the brake pedal. Fits 1984-up FXST. **VT No. 31-0053**

Black Forward Control Kits



1970-99 FX

pre1999

pre1999

Slotted

+2" Slotted

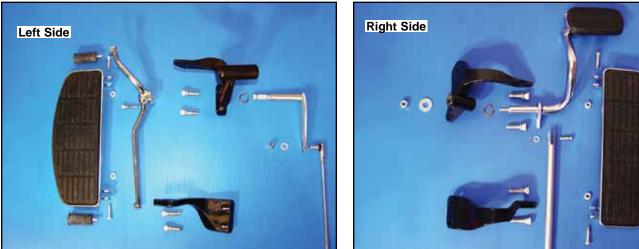
22-0129 Swis Cheese, chrome

22-0112 Chrome Concave

22-0114 Chrome



Footboard Kit for FXD



Wyatt's Footboard Kit for FXD is designed for use on all 1996-up FXD models. It features the same style used on all touring models to maximize rider comfort. The kit comes complete with footboards and mounts, brake pedal, an extended brake rod and a one piece chrome heel toe shifter, mounting hardware, toe shifter and mid shift retainers. Cannot be used with engine guards.

VT No. Item Fits 27-0920 Kit 1995-05 22-0453 Kit 2006-up 23-0289 Pedal 27-1011 Board 21-0793 Shifter 51-0434 Engine Bar





51-0434 installed with 27-0920

Reduced Reach Forward Control Conversion Kit fits 2006-up with mid controls. Kit includes left and right supports, brake and shift lever, brake and shift linkages. This moves the rider's feet 10" forward from the mid control position. VT No. 22-0226

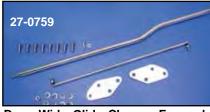
BIG TWIN

Forward Controls on this page use existing master cylinder.



Dynaglide Chrome Forward Control Kit. The stock control kit (22-0509) will move mid mount controls on 1991-05 Dynaglide models to the forward position and can be used as stock replacement on 1993-02 FXDWG. The 2" extended control kit (22-0510) will move mid mount controls on Dynaglide models to the forward position and can also be used on FXDWG for increased leg room. Order foot rest and shifter pegs separately.

2006-up	1991-05	ltem
22-0517	22-0509	Control Kit, Stock
22-0561	—	Control Kit, Stock, Black
_	22-0510	Control Kit, 2" Extended



Dyna Wide Glide Chrome Forward Control Extension Kit allows stock forward control pedals to be moved 2" forward for extra leg room. Kit includes two chrome extension plates, chrome extended shift rod and chrome extended brake rod. Installation requires utilization of stock brake and shifter pedal components.

VT No.	Year	Item
27-0759	2006-up	Kit
23-0475	1992-02	Brake Rod Only
*Note: 20	03/2004/2005	5 OE Style Replacement



 Chrome Brake Rods fit FXDWG models.

 VT No.
 OEM
 Year

 23-9191
 41955-93
 1993-02

 23-0850
 41955-03
 2003-up



Chrome Billet Forward Brake Pedal features forged aluminum construction with milled slots. Fits 2003-up FXDWG. VT No. 23-0478

23-0475

Forward Control for FXD-FXDWG





Forward Mid Control Sets . Comfortable as slightly more forward than stock 2006-up FXD with mid controls and 2014-up FXDL.

 VT No.
 Finish

 22-0956
 Chrome

 22-0959
 Black





Note: Shifter Rod Position for Installation

Chrome Billet Forward Control Set fits 1991-05 FXD. Includes rubber belted pegs as shown, and includes left and right sides. Order shift rod separately. This kit will utilize stock master cylinder in the original position. Rod included fits directly to master cylinder.

VT No. Item 22-0770 Set 21-0222 Shifter Rod







Forward Control Kit fit 2006-up FXD. It uses existing master cylinder linkage and footpegs.

VT No. Type

22-0788 Replica without soft pegs22-0794 Replica with soft pegs and without gaskets

22-1679* Short Reach Adapter Kit ***Note:** Move stock FXDWG for controls 1" closer to rider and can be used on FXD models when 22-0788 or 22-0794 are installed for reduced reach.



Billet Kit for FXD-FXDWG





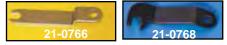


Chrome Shift Shaft Cover has ½" inner diameter to fit over unused shifter shaft in primary cover when installing forward controls, sold each.
VT No. Type
37-8872 Acorn
44-0047 Dome





Order matching grip and passenger set separately.VT No.Item28-0607Grips27-0615Peg Set



Mid Shift Lever Retainers will secure inner primary shift lever when installing forward controls. VT No. Year 21-0766 1991-05

21-0768 2006-up









Chrome Billet Forward Control Set fits 1991-05 FXD includes rubber belted pegs as shown. Includes left and right sides complete with master cylinder. Order shift rod separately.

 VT No.
 Item

 22-0756
 Control Set

 22-0768
 Control Set

 22-0527
 Control Set

 21-0222
 Shift Rod

 21-0220
 Shift Rod

 23-3005
 Master Cylinder

 23-0859
 Rebuild Kit for 22

Style Standard +3" +2" Standard +3"

23-0859 Rebuild Kit for 22-0756 and 22-0768



Replacement Chrome End Cap Set fits brake and shift pivot ends. VT No. 21-0543



Smooth Oval Inspection Cover for primary covers features black satin finish. 1986-2006 FXDWG.

VT No. 42-1274



Shift Shaft Primary Plug for use when forward controls are installed on FXR-FXD models to seal the inner primary when eliminating the mid shift. Includes O-Rings and hardware. VT No. 17-0650



Oval Inspection Cover fits FXD-FXST outer primary when forward controls are used. Does not have a hole for shift shaft for 1991-05. Chrome. **VT No. 42-9927**

37-8872



BIG TWIN



FXST Chrome Stock Style Brake Control Kits includes mounting bracket, lever and linkage. The 1982-86 type uses two bolt master cylinder. 1987-89 type has tab with square hole that uses spark plug. The 1990-up type fits models with frame mounted master cylinder. Master cylinder not included. VT No. Fits

22-1054 1984-Early 87 FXWG-FXST 22-1064 1987-89 FXST 22-1082 1990-99 FXST



Lever Pivot Cover Kit fits 1984-99 FXST-FXWG. Includes cover. retainer washer and allen screw. Details this drab area. VT No. 37-8895



Chrome Pedal will allow full use of the foot board as the pedal pad is moved to the edge of the board. Rubber pad is included. Fits 2000-01 FLST. VT No. 23-0360



Chrome Extended Brake Pedal constructed of chrome steel with 21/4" extension. Fits 1997-07 FLHT. Slotted. VT No. 23-0244

Brake Control Kit 🜌



FXST Replica Forward Brake Control for use on all 1970-99 Big Twin with Shovelhead or Evolution engines equipped with hydraulic disc or drum brakes. Designed after the 1984-99 FXST which places the driver peg in back of the brake pedal, so the brake is easier to operate from this comfortable position. Redesigned to accept a Wagner or Kelsey-Hayes style master cylinder or GMA masters, also available with chrome KH or Wagner style masters. Hardware includes linkage pedal mount plate, rubber covered footpeg. This kit is the exact compliment to our shifter kits listed on opposite page and when used with one of these kits, places the pegs in forward and raised position.

VT No. ltem

- 22-1066 Dual-use kit without Master Cylinder
- 22-1001* Complete kit with Kelsey type Master Cylinder
- 22-1018* Complete kit with Wagner type Master Cylinder
- 23-1743 Brake Pedal for Above
- 13-0181 Brake Pedal Spring

Note: Kits VT No. 22-1001 and 22-1018 use Russell stainless Lines VT No. 23-8809 front and 23-8802 from junction to rear caliper. Use tee VT No. 23-0707.

Everything You Need To Convert Hydraulic Brakes To Forward Control

Pedal Rubbers



Brake Pedal Rubber to fit 1980-up FXWG, 1981-up FXST. VT No. Type Model Style 28-0791 Slip on FXDWG

Front

23-0466 Bolt



1984-up FXST





Skull Pedal Pad is constructed of neoprene. Sold each. VT No. Туре 23-0823 FXST 23-0824 FLST-FLH

Extended Foot Brake Pedal. VT No. Style 23-0241 Smooth, 21/4" 23-0243 3-Slot. 21/4" 23-0245 3-Slot

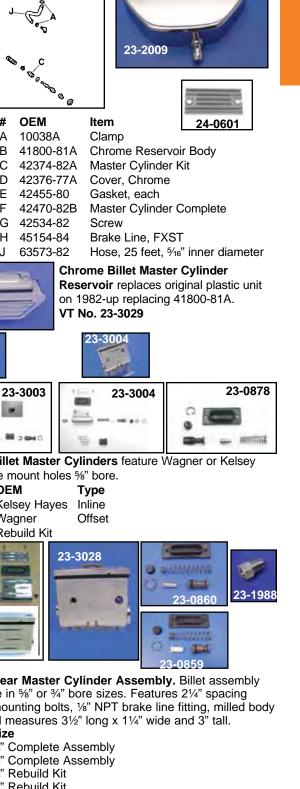


1984-99 FXST-FXWG Brake Pedal and Components.			
VT No. OEM	Years	Item	
23-0108 42515-81	1983-99	Chrome Pedal	
23-3025 42522-87	Late1987-99	Push Rod Plunger	
23-3012 42507-86	1986-Early87	Chrome Pedal Mount Plate	
23-3013 42507-82	1983-85	Chrome Pedal Mount Plate	
23-3009 42507-89A	1990-99	Chrome Pedal Mount	
28-0505 40922-79	1983-Early87	Boot	
28-2005 40922-87	Late1987-up	Boot	
13-9166 40920-82	1982-Early87	Spring	

13-9170 40920-87 Late1987-up Spring 12-0971 40918-82 1982-Early87 Boot Retainer Ring, 10 pack 12-0976 40918-87A Late1987-up Boot Retainer Ring, 10 pack 23-1758 44126-82 1983-Early87 Washer, Return, 5 pack 23-1720 42374-82A 1983-Early87 Master Cylinder Repair Kit 28-0548 42532-82 1983-up 23-1754 42531-87 1983-Early87 Washer, 5 pack 23-0405 All 23-1209 1990-99

Pedal Pad Pin

Pedal Plate



Remote Reservoir Body and Related Hardware for use with slave cylinders.



16-0063 A 10038A 23-2009 B 41800-81A 23-1720 С 42374-82A 24-0601 D 42376-77A 15-0203 E 42455-80 23-9196 F 42470-82B 37-8821 G 42534-82 45154-84 23-2303 Н 40-0119 63573-82 J 23-3029

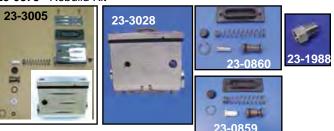
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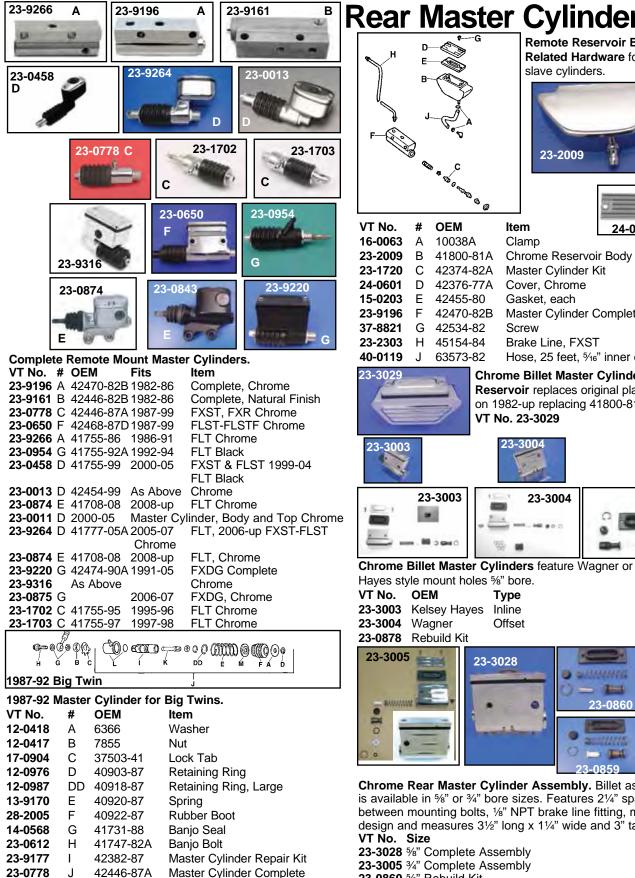


Chrome Billet Master Cylinders feature Wagner or Kelsey Haves style mount holes 5%" bore

VT No.	OEM	Туре	
23-3003	Kelsey Hayes	Inline	
23-3004	Wagner	Offset	
23-0878	Rebuild Kit		



Chrome Rear Master Cylinder Assembly. Billet assembly is available in 5%" or 3/4" bore sizes. Features 21/4" spacing between mounting bolts, 1/8" NPT brake line fitting, milled body design and measures 31/2" long x 11/4" wide and 3" tall. VT No. Size 23-3028 5%" Complete Assembly 23-3005 ¾" Complete Assembly 23-0860 5/8" Rebuild Kit 23-0859 3/4" Rebuild Kit 23-1988 Fitting





Master Cylinder Rebuild



Handlebar Master Cylinder Rebuild Kits. Each kit contains parts necessary for complete rebuild.

VT No.	OEM Yea	rs	Fits
23-3020	45006-87	1987-95	¹¹ /16" Bore
23-1716	45063-82	1982-85	¾" Bore
23-3021	45072-87	1985-95	All %" Bore
23-1714	45006-96	1996-2003	%16" Bore
23-1715	45072-96	1996-2003	¹¹ /16" Bore
23-0857	42862-06A	2008-up	Touring
28-2002	45042-82	Fluid Level Window	1982-95



Rear Master Cylinder Rebuilds

VT No.	OEM	Fits
23-1718	41762-58A	1958-79 Big Twin
23-1717	42374-77B	1979-84 FL, 80-85 FLT
23-1720	42374-82A	1983-85 FX 4-speed
		1984-86 FXST-FLST
23-2010	42374-86A	1986-91 FLT
23-2011	42382-82A	1982-E87 All FXR
23-9177	42382-87A	Late1987-up FXR-FXST
		1992-07 FLT
23-9201	42452-87	Late1987-99 FXST, Body Rebuild
23-0863	42932-08	2008-up Touring
23-0003	42932-00	2000-up Touring
		Late Plunger Springs act as brake pedal return springs on rear mounted
		Late Plunger Springs act as brake
23-0863 VT No.	OEM	Late Plunger Springs act as brake pedal return springs on rear mounted
ODD	OEM	Late Plunger Springs act as brake pedal return springs on rear mounted master cylinders, zinc.
VT No.	DEM 40920-79	Late Plunger Springs act as brake pedal return springs on rear mounted master cylinders, zinc. Model
VT No. 13-9165	OEM 40920-79 40920-82	Late Plunger Springs act as brake pedal return springs on rear mounted master cylinders, zinc. Model 1979-84 FLT
VT No. 13-9165 13-9166	OEM 40920-79 40920-82 40920-87	Late Plunger Springs act as brake pedal return springs on rear mounted master cylinders, zinc. Model 1979-84 FLT 1982-86 FXWG-FXST
VT No. 13-9165 13-9166 13-9170	OEM 40920-79 40920-82 40920-87	Late Plunger Springs act as brake pedal return springs on rear mounted master cylinders, zinc. Model 1979-84 FLT 1982-86 FXWG-FXST 1987-up FXST-FLST-Sportster

Top Gasket





Front Master Cylinder Top Gaskets VT No. OEM Year 15-0188 1972-81 45012-72 15-0204 45012-82 1982-84 15-0242 45005-85 1985-95 15-0250 45005-96 1996-05





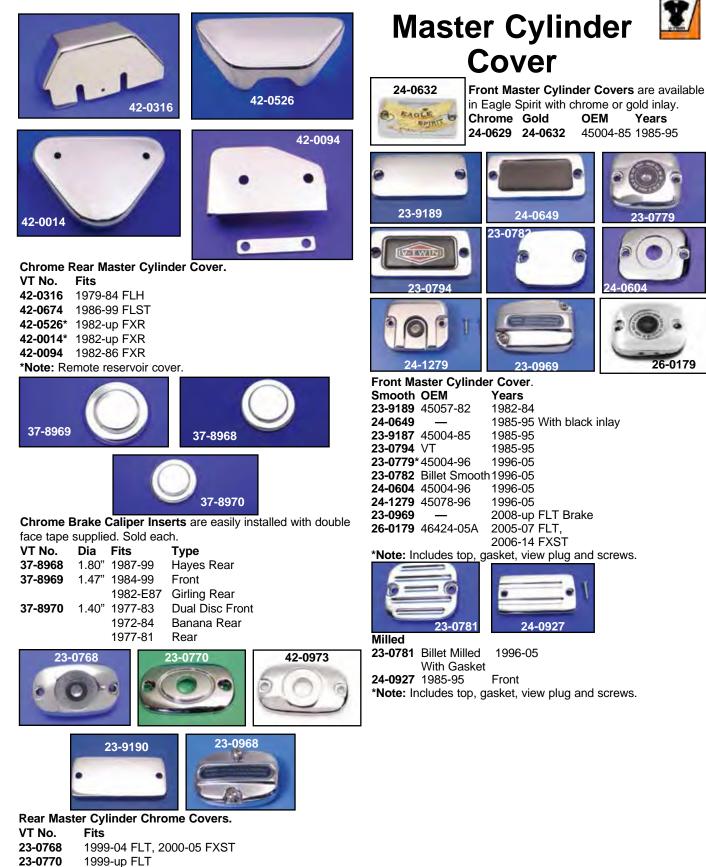
Rear Master Cylinder Cover Gaskets are sold each. VT No. OEM Year Туре **15-0202** 41766-58 1958-78 Master Cylinder 15-0203 42455-80 1980-up Master Cylinder

Reservoir 15-0248 42455-82 1982-E87 Reservoir **15-0242** 45005-85 1985-95 Master Cylinder 15-0540 42455-99 2000-up Reservoir

15-0540

Stainless Steel Master Cylinder Top Screws, 25 pack. VT No. OEM Years Туре 37-8947 2628 1972-81 Front Master Cylinder Top, Countersunk 37-8821 42534-82 1982-up Reservoir Cover





42-0973 2005-up FLT, 2006-up FXST

- **23-9190** 1982-96
- 23-0968 2008-up Rear, FLT



Chrome Rear Caliper Kit





Rear Caliper Kit includes complete chrome caliper, chrome caliper bracket, 11¹/₂" stainless drilled polished brake disc and chrome disc mount bolts.

VT No.	Year	Model
23-1089	1990-99	FXD
23-1090	1987-94	FXR



1986-99 Dura Rear Caliper Kit features chrome billet caliper and bracket. 11.5" razor disc included. **VT No. 23-0655**





Chrome Billet Caliper Kit for 1986-99 Softail includes chrome caliper and polished rear disc.

VT No.	Style
23-0261	18 Spoke
23-0281	Razor
23-0884	Caliper Seal Kit

Wyatt Gatling Chrome Rear 4 Piston Caliper features a 4 piston design. VT No. 23-0024



2000-06 Caliper Kits include integral bracket.







Chrome Rear Caliper Kit fits 1987-up Softail models and includes complete chrome replica 4-piston caliper assembly with one piece integral bracket, pads and polished stainless steel drilled disc with chrome mount bolts.

VT No.	Year	Model
23-1091	2000-05	Softail
23-1093	1987-99	Softail
23-1102	2000-05	FXD-WG
23-1103	2006-07	FXD-WG

Colony Chrome Rear Caliper Bolts for

0/10	2000-up.
	VT No.
11 10 8	2081-3
	2755-4

0







Billet Caliper Kit features 4 piston design for 1987-99 Softail models. Order disc separately. VT No. 23-0853



Chrome Caliper Kit includes caliper, bracket and polished stainless steel 11.5" disc with bolts. Fits 2000-05 FXST, FLST. VT No. 23-0282



Right Side Billet Rear Caliper Kit fits 1986-99 Softail with integral side mount tail lamp/caliper bracket. Order curved tail lamp separately. VT No. 22-0762

Rear Caliper



BIG TWIN







Edart Sprotor Kit includes 48T stainless disc sprocket. VT No. Item 23-0897 Kit 23-1711 Disc/Sprocket 23-1704 Replacement Brake Pad Set



Caliper Bracket fit 1" axles. Includes spacer for 3/4" axle applications. Fits 1986-99 Softail. VT No. 23-0792



Edart Caliper-Disc Set includes 2 piston chrome billet caliper, polished rotor/sprocket combination with 49 teeth for 1" or 3/4" axle. Order bolt kit separately.

VT No. ltem 22-0373 Kit 23-0785 **Disc-Sprocket** 23-0799 Rebuild

Caliper Bracket











1986-99 Softail Rear Caliper Kit includes curved license plate mount and spacer to fit 3/4" or 1" axle. VT No. Item Side Includes 22-0764 Kit Pight 4 Piston Caliper

	1.11	rugin
22-0765	Kit	Left
23-0795	Bracket	Right
23-0796	Bracket	Left
23-0787	Bracket	Right Side

4 Piston Caliper Bracket Only Bracket Only Bracket Only

Left Side Chrome Forged Billet Rear







11.5" Chrome Caliper Kit fits Rigid frames. Kit includes polished 11.5" disc, bolts, chrome 4-piston caliper complete with integral bracket and weld on frame tab. VT No. Side Fits Axle 22-0371 Right Big Twin ³/4" 22-0381 Left Big Twin 1" 22-0382 Right Big Twin 1"



Rear GMA 11.5" Brake Discs are cast ironwith aluminum center. Note: Disc should not bepolished or cleaned. Rear discs are two piecedesign non-floating.VT No. FitsMt. Bolts

 VI No.
 Fits
 Mt. Boits

 23-9937
 1981-99
 FXST-FXR
 Stock
 8791-10

 23-9938
 1992-99
 FXST-FXR
 4 Piston
 37-9237







Polished	Standard	Year	N
22-0357	22-0350	1984-86	F
22-0358	22-0351	1987-99	F
22-0359	22-0352	1985-94	F
—	22-0353	1992-99	F
22-0368	—	2000-05	F

Rear Caliper Kits include GMA Caliper with bracket and either polished or standard 11½" stainless steel disc with mount bolts.

Model FXST-FXWG FXST FXR FXDG FXST





With 125%" Disc!!

6-Piston Caliper/Disc Combo. Chrome caliper features differential bore. Smaller in design, yet powerful. 125%" ductile iron floating disc is flash chromed with chrome plated center and features lightweight narrow band. All applications fit in stock location and accept stock brake lines.

VT No.	ltem	Year
23-0153	Front E	Brake Kit
	1984-9	9
23-0154	Rear B	rake Kit
	1987-9	9

Rear GMA Billet Aluminum Brake Calipers are machined from billet aluminum and clear anodized. Feature dual pistons which are internally connected, brake pads and brackets, when provided. Brake calipers include spacers and hardware necessary for installation. Hoses and discs not included.

VT No. GMA Fits

23-4502R10Rigid Frames to fit 10" disc. Use %" bore master cyl-inder23-1791R10QCAs Above Chrome

	23-4505	201ST	1984-86 FXST-FXWG Kit.
			Use stock type master cylinder
	23-4506	202ST	1987-99 FXST Kit, 2 Piston.
1			Use stock type master cylinder
l	23-4524	402ST	1987-99 FXST Kit, 4 Piston.
l			Use stock type master cylinder, black
l	23-1792 402STC As Above Chrome		
l	23-4507	103SA	1984-99 FXR Kit 1987-up 2 Piston.
l			Use 5/8" bore master cylinder
1	23-4518	400DG	1992-99 FXDG. Use stock type master cylinder
	23-9255	402STM	2000-05 FXST 4 piston. Use stock type
			master cylinder
	Compon	ents	-

Components		
23-4521 PA4	GMA Caliper Piston, pair fits 23-4518, 23-9255	
23-4509 PA1	Caliper Piston, pair, fits 23-4502, 23-4507	
23-4520 PA2	GMA Caliper Piston, pair, fits 23-4506, 23-4505	
23-4510 RB1	Caliper O-Ring Seal Kit fits 23-4502, 23-4507,	
	23-4506, 23-4505	
23-4522 RB-4	Caliper O-Ring Seal Kit fits 23-4518, 23-9255	
23-4512 A-Pad	SBS Brake Pad Set fits Calipers: 23-4502, 23-4507	
23-4514 B-Pad	SBS Brake Pad Set fits Calipers: 23-4506, 23-4505	
23-9169 F-Pad	SBS Brake Pad Set fits Calipers: 23-4518	



Big Twin Rear Caliper 1982-up 23-3055











23-0552





23-922

0

23-0551

23-0951

Chrome Rear Calipers are completely assembled with piston and seals but less mount brackets for exact stock replacement.

Calipers	OEM	Model
23-3055	44050-82A	1982-86, FXWG, FLHS, FXR, FLST
		FXST
23-9221	44050-87	1987-99 FXST
23-0582	—	1987-99 Softail with integral bracket
23-0551	44016-00C	2000-05 FXST, 2000-07 FLST
23-0552	44017-00	2000-05 FXD
23-0951	44017-06	2006-07 FXD-FXDWG
23-9061	42047-06	2006-07 FXST
23-9062	42047-08	2008-up FXST-FXD-FXDWG



Chrome Rear Brake Disc Covers. Bolts on for a secure installation. Fits 1986-99 FXST-FLST. VT No. 42-0337

23-9063

23-4531



23-9060

Rear Caliper Bracket replaces stock unit to accept stock caliper. Available in chrome or black.

Chrome	Black	OEM	Model	Year
23-4533	—	44205-87	FXR	1987-94
—	23-9033	44207-82	FXST	1982-Early87
			FX	1983-84
23-4531	—	44309-98	Dynaglide	1990-99
23-9060		42048-06	FXST	2006-07
23-9063	—	42048-08	FXST	2008-up
23-9064	—	42002-08	FXD	2008-up



Black Rear Calipers, 23-3056 44050-87 87-99 Softail 23-0125 44039-86 Bolt Kit for Above 23-9038 44076-86A 1986-99 FLT

Rubber Bumper for rear brake caliper, each. VT No. 28-0718



Edart Billet Caliper fits front and rear 1986-99 Softail. Order rear bracket separately.

VT No.	ltem	Туре
23-0865	Caliper	4 Piston
23-0866	Bracket	



2000-07 Chrome Front Caliper Kit









2000-07 Front Caliper are 4 piston type including all internal components. 23-0554 features smooth face. ~ ~ ~ ~ ~

VT No.	OEM	Side	Finish
23-0554	44046-00	Left	Chrome
23-0529	44046-00	Left	Black
23-0580	44025-00	Right	Chrome
23-0581	Set	Right and Left	Chrome



Caliper fits 2008-up FXST-FLST VT No. Finish Fits Side 23-0499 Chrome 2008-10 Left 23-1107 Black 2011-up Left 23-1108 Chrome 2011-up





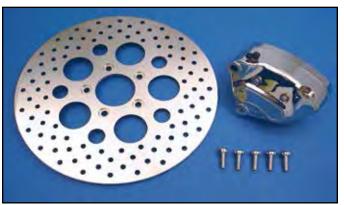
Dual Disc Caliper Set fits 2008-up FLT Touring models. Right and left. VT No. 23-1712



Edart Chrome Billet Front Brake Caliper features a four piston differential bore. Includes brake pads. Fits 2000-07 FXST. VT No. 23-1039



Polished Stainless Steel Front 11.53" Brake Disc with 18-spoke design. For use with custom aftermarket calipers only. *Note: .030 oversize. VT No. 23-1540



Chrome Front Caliper and Brake Disc Kit fits 2000-07 models. Kit includes a complete chrome replica 4-piston caliper assembly with pads, polished stainless steel drilled disc and chrome mounting bolts.

VT No. Model 23-0561 FXST 23-0562 FXD



87-99

84-99

Chrome Brake Caliper Inserts are easily installed with double face tape supplied. Sold each.

VT No.	Dia	Fits
37-8968	1.80"	198
37-8969	1.47"	198
37-8970	1.40"	198

Type Haves Rear Front 82-Early87 **Girling Rear**



2000-07 Left Chrome Front Caliper Cover. VT No. Model 42-0844 FXD 42-0848 FXST, FXDWG

37-0816

models. VT No. Brand 37-0816 Dura 2080-4 Colony

Mount Bolt Kit fits all 2000-up Big Twin

Caliper Thread Chart OEM Calipers Front: All 1984-2002 Single Disc Calipers 3/8-24 banjo bolt Rear: All Late1987-2002 Big Twin, TC/B, XL 3/8-24 banjo bolt Front: All 1984 2002 Due Disc Colinger Front: All 1984-2002 Dual Disc Calipers 3/8-24 banjo bolt Rear: 1982-Early 87 FXR, XL; 84-Early 87 FXST; 83-86 FXWG 3/8-24 banjo bolt Front: 1977-83 FX, FXWG, FXR, XL 3/8-24 Inverted Flare 3/8-24 Inverted Fiate Banana Caliper 1973-83 FL, FX, XL 1/8 NPT OEM-Handlebar Master Cylinders 11/16" bore, 1985-95 Dual Disc Models 7/16"-24 banjo bolt 5/8" bore, 1985-95 Single Disc Models 3/8-24 banjo bolt 3/4" bore,1982-84 Dual Disc Models 11/16" Bore, 1982-2002 Dual Disc Models 3/8-24 banjo bolt 3/8-24 banjo bolt 1972-81 FL, FX, XL 1/8 NPT





1984-99 Chrome Billet Front Caliper Kit includes billet chrome front caliper, bracket with pads and polished stainless steel spoke or razor brake disc with bolts. Kit includes hardware to fit 39 and 41 mm forks FXST, FXD and FLST models.

VT No. **Brake Disc** 23-0238 Spoke 23-0240 Razor

Edart Brake Kit fits 1988-up FXST 4 piston design front spring forks. VT No. 23-0786





Front Chrome Billet Calipers feature 4-piston design with mount brackets included. Fits 1984-99 FXST.

VT No. Item 23-0279 Caliper 23-0023 Caliper 23-0884 Rebuild







Edart Billet Front Caliper includes bracket for 1984-99 Softail and XL models and is one piece design. VT No.

Piston	Rebuild
2	23-0864



23-1105

Front Chrome Disc Brake Caliper Mount Bolt Kit fits all Big Twin models with allen bolts. VT No. Fits

37-0800 1993-99 All 37-8822 1983-92 All 1988-96 FXSTS Springer 37-0817 37-0818 1997-up FLSTS Springer

Lower Leg Caliper Bushing fits in lower leg where caliper attaches. Sold each. Fits 1984-up FXST. Replaces 46020-84. VT No. 24-0331









111/2" 1984-99 Chrome Left Side Front Caliper Kit includes polished stainless steel Dura brake disc with bolts and chrome caliper half with brake pads and hardware.

VT No. Fits 23-0541 1984-99 FXST-FLST-FXDWG 23-0563 1984-99 FXD-FXR

Fork 41mm 39mm



23-0649 Installed

1984-99 Chrome Caliper Kit features 4 piston chrome caliper and polished stainless steel Dura brake disc. VT No. 23-0649



1984-99 FX Chrome Front Disc Caliper available as right or left assemblies or set for 11" brake discs. Includes all internal components and pads.

VT No. Item 23-2226 Pair, Right and Left 23-3085 Right only 23-3082 Left only

Fits FX FX-FL FX-FL

1984-99 Front Caliper Piston and Seal



Kit. VT No. 23-2279

4



Chrome 1984-99 Left Side 4 Piston Piston Caliper features 2000up styling to retro fit 1984-99 models. VT No. 23-0555



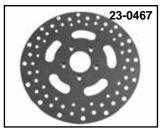
1984-06 Front Calipers include all internal components. OEM Side VT No. 23-3061 44046-84C Left. Black 23-3082 Left, Chrome

BIG TWIN



Front Caliper for FXSTS







Spring Fork Front Brake Caliper Kit. VT No. Item 23-0940 Caliper Kit Brake Disc. 1988-99 23-0334 Stainless Steel 23-0343 Polished SS 23-0368 Stainless Steel 23-9040 Polished SS 23-9206 Polished SS

23-0467 Polished

37-0800

2000-06

23-0538 Polished Stainless Steel

Front Chrome Disc Brake Caliper Mount

1988-06 FXSTS

Bolt Kit fits all Big Twin models with allen bolts. VT No. Fits 37-0800 1993-99 All

37-8822 1983-92 All

Year

37-0817 1988-96 FXSTS Springer 37-0818 1997-up FLSTS Springer



00000



GMA Billet Aluminum Brake Calipers are machined from billet aluminum and clear anodized. Feature dual pistons which are internally connected, brake pads and brackets, when provided. Include spacers and hardware necessary for installation. Hoses and brake discs not included.

Front		FITS
23-4504	200F	1984-99 Single Disc FX-FXST-FXR Kit, left only, 2 piston. Use %" bore master cylinder
23-4515	200S	1988-up FXSTS Spring Fork. Use %" bore master cylinder
23-4516	200P	Paughco Wide Spring Fork. Use %" bore master cylinder. Each.
23-9257	400MDD	2000-up FLT 4 piston dual disc
Compon	ents	
23-4521	PA4	GMA Caliper Piston, pair, fits 23-9210, 23-1793
23-4509	PA1	Caliper Piston, pair, fits 23-9257
23-4520	PA2	GMA Caliper Piston, pair, fits 23-4504, 23-4515, 23-4516
23-4510	RB1	Caliper O-Ring Seal Kit fits 23-4504, 23-4515, 23-4516
23-4522	RB-4	Caliper O-Ring Seal Kit fits 23-9210, 23-9257
23-4514	B-Pad	SBS Brake Pad Set fits Calipers: 23-4504, 23-4515, 23-4516
23-9169	F-Pad	SBS Brake Pad Set fits Calipers: 23-9210



Edart Brake Kit fits 1988-06 FXST 4 piston design front springer forks. VT No. 23-0786



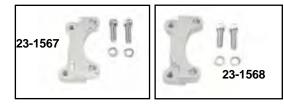
23-3083

Edart Chrome Caliper Kit fits 1988-06 FXSTS. Use with 5%" master cylinder. VT No. 23-0953



Front Calipers include all internal components. VT No. OEM Fits **23-3083** 44077-88D Right, FXSTS 1988-06, Black 23-3086 Right, FXSTS 1988-06, Chrome

23-3086





Front Caliper Adapter Brackets allow the use of 13" floating brake disc on models listed by raising stock caliper. Brackets are a clear anodized finish.

VT No. Item 23-1567 Bracket, Right 23-1568 Bracket, Left 23-1569 Bracket, Right 23-1570 Bracket, Left

Fits 1986-99 FL

1986-99 FXST, FL, 1991-99 FXDWG 2000-up FLT 2000-up FLT, FLST, FXDWG



23-1571 Front Brake Disc For Above Stainless GMA 11.5" Front Disc Brake Discs are cast iron with aluminum center. Note: Brake disc should not be polished or cleaned. All front brake discs are floating type rear brake discs are two piece design non-floating

		-1011-1106	aung.		
	VT No.	Fits	Disc	Caliper	Mt. Bolts
	23-9939	1984-99	Dual	4 Piston	8794-10
7	23-9941	1984-99	Single	4 Piston	8794-10
	23-9942	1984-99	Single	Stock	8794-10
	23-9259	2000-up	Single	4 Piston	8794-10

248

G R	Caliper Rebuild
	23-2012 1987-99 Complete Rear Caliper
$\leftarrow 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 $	Rebuild Kit includes all necessary hardware, piston and seal kit for a com-
	plete caliper overhaul. Fits FXST, FXR, FLT and FXD
	VT No. 23-2012
1984-99 Front Calipers and Components.	1984-99 Front Caliper Piston and Seal Kit. VT No. 23-2279
VT No. # OEM Item 23-1982 37-8822 A 855 Screw Image: Screw Image	23-0533 23-1999
Kit B 3517 Screw 23-1981 1983-92 C 6019 Washer	
37-0800 As Above 1993-99	Caliner Seal Kits contain seal and dust best for year listed
23-2279 D 44020-83 Piston Rebuild Kit 12-0977 E 44021-83 Retainer	Caliper Seal Kits contain seal and dust boot for year listed. VT No. OEM Front
23-2275 F&H 44047-83 Dust Boot with Seal	23-2275 44047-83 1984-99 All FX-FLT 44022-83
23-3060 S,D—Caliper Right, Chrome Half23-1982—Caliper Anchor, FXSTS, 1993-up	23-0533 44315-00 2000-07 All
23-1981 — Caliper Strap, FXSTS, 1993-up	VT No. OEM Rear
23-3083 G 44077-88D Right, 1988-99 FXSTS, Black Complete 23-1982 Caliper Anchor, FXSTS, 1993-up	23-0558 — Piston Ring for Above
23-1982 Caliper Artchor, FXSTS, 1993-up 23-1981 Caliper Strap, FXSTS, 1993-up	23-9022 44045-87 Late1987-99 All FXST-FXR-XL
23-1572 Strap Kit 23-0455 44030-88 FXSTS 1988-up Caliper Brkt Bushing	1986-99 All FLT 23-0594 — Piston Ring for Above
23-0435 44030-88 FXSTS 1988-up Caliper Brkt Bushing 23-3061 R 44046-84C Left,1984-99 FLT-FXR-FXRS-	23-0533 44315-00 2000-07 All
FXRT-FLSTF-FLSTN, 1991-99 FXDWG-FXDG (Black)	23-0884 — Seal Kit for V-Twin Billet 4 Piston Caliper
23-1731 J 44048-83 Bleeder, 10 pack	
23-2274 K 44053-83 Guide Pin Kit for 1984-92 Big Twin, 1993-up FXSTS	0000
23-9226 K 44053-92 Guide Pin Kit for 1993-99 All Big Twin except FXSTS	
28-2133 L 44054-83 Boot, each 14-0563 M 44059-83 O-Ring	Pistons Kits include with seals and pistons.
23-2308 N 44072-92A Bracket, Left	VT No. OEM Front
23-2306 O 44061-83 Spring Clip 23-2307 P 44062-83 Retaining Pad	23-0532 Kit 2000-07 Kit with seals 23-0810 2008-up Kit with seals
23-0512 Q 44063-83 Pad Set with B	VT No. OEM Rear
23-9238	23-2281 44208-82 1982-Early87 FXR, 1984-Early 87 FXST 1985-86 FXWG (Piston Only)
	23-1999 43946-86 Late87-99 FXST-FXR, 1987-99 FLT Includes seal kit
23-9245	23-0532 44313-00 2000-07 Kit with seals 23-0810 2008-up Kit with seals
23-0147	23-0838 Kit with seal All Billet (4 Piston Caliper)
Vibration Clips fit as replacement to dampen pad rattles.VT No.OEMYearType	*Note: 1980-85 FLT have Dual Piston Caliper. Chrome Caliper Mount Bolt Kits mount
23-9238 41665-82 1982-99 FXR	through caliper to bracket.
1983-99 FLHS-FXSB-FXWG 23-9245 43960-86 1987-99 FXST-FXR	VT No. OEM Type Year
23-0137 43959-86 1987-99 FLT	23-0140 44039-86 6 Point 1987-99 FXST-FXR-FLT,
23-0147 44337-00 2000-up Front or Rear All Models	Rear Chrome 23-0125 44039-86 12 Point Black, As Above
23-1731 23-0110 37-8265	37-0266 Allen 2000-05 FXST-FXD Rear 23-0919 12 Point 2006-07 Softail 1982-Early 87 Rear Brake
Bleeder Screws available in 10 pack.	Caliper Guide Pin Kit for
VT No. OEM Size Fits	Big Twin models. Replaces 44212-82A.
23-1731 44146-77 % - 24 1977-86, Late1987-89 Front or Rear Calipers	23-0693 37-0508 VT No. Type
37-8265 Chrome ¾ - 24 As Above, 5 pack 23-0110 Oversize Repair Kit	23-0693 Chrome 37-0508 Screw Set

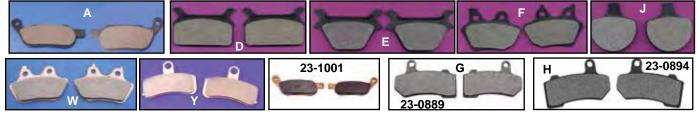
*Note: Fits bleeders and grease fittings





Disc Brake Pad Set

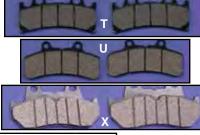
Disc Brake Pads available in Dura or SBS brand. Dura Brake Disc, Dura Brake Disc Kevlar for excellent stopping on all types of disc brake discs. Dura Brake Disc replacement pads are a soft compound designed to be compatible to all types of brake discs. SBS brand is available in <u>Sintered, Ceramic or Carbon Tech</u> compounds. Sintered Metal Pads provides maximum stopping power but can never be used in calipers that were originally equipped with non-sintered pads. Works best with stainless steel disc brake discs. Ceramic Pads are for general purpose use on carbon steel brake discs and can be used on calipers originally equipped with sintered metal brake pads. Carbon Tech Pads for use in all stock or aftermarket calipers. Works well with stainless steel or cast iron brake discs. Order anti rattle clips separately.



Rear Disc Pad Sets for Stock T	vpe Caliper	S								
Fits	ÓEM	Dura	Dura	Dura	Dura	Dura	SBS	SBS	SBS	#
		Soft	Ceramic	Semi	Kevlar	Sintered	Sintered	Ceramic	Tech	
						Metallic	Tech			
1986-99 FLT	43957-86A	23-2282	23-0991	—	23-0627	23-0956	23-1778	—	23-1777	D
1987-99 FXR, FXST, FLST, FXD	44213-87	23-9163	23-0992	23-0642	23-0620	23-0957	23-1780	—	23-1779	E
2000-05 FXST, FLST	44082-00	23-0526	23-0993	23-0643	23-0546	23-0958	23-4559	23-1781	23-1782	F
2000-07 FLT, FXD										
2006-07 FXST, FLST	46721-06	23-1794	23-0917	—	1 —	23-0959	23-4562	—	—	W
2008-up FXST, FLST, FXD	42298-08	-	23-0994	23-0893	23-0886	23-1001	23-4563	—	—	A
2008-up FLT	41852-08	23-1015	23-0995	23-0894	23-0889	—	-	—	—	G
2009-13 Trike	83911-09B		l —	—	23-0973	23-0980	<u> </u>	—		
Front Disc Pad Sets for Stock Type	e Calipers									
1984-99 FLT, FXST, FLST, FXR,	44063-83	23-0512	23-0996	23-0647	23-0625	23-0960	23-1784	23-1762	23-1785	J
FXD										
2000-07 FLT, FXST, FLST, FXD	44082-00	23-0526	23-0993	23-0643	23-0546	23-0961	23-4561	23-4560	23-1782	F
2008-10 FXST, FLST, 2008-11 FXD	44082-08	23-0887	23-0997	—	23-0888	23-0862	23-4564	i —	—	Y
2008-up FLT	41854-08	—	23-0998	23-0894	23-0890	23-0909		—	—	H
2011-14 FXST-FLST, 2012-up FXD	46363-11	—	23-1056	23-1057	23-1058	-	—	_	_	Y
2015-up FXST-FLST	41300102		23-1059		23-1060					

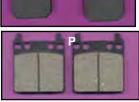








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Disc Pad Sets for Aftermarket Custom Calipers							
Fits:	Dura	SBS	SBS	Dura	Photo		
	Soft	Ceramic	Carbon	Ceramic			
			Tech				
Edart	23-0879	—	—		Х		
Brembo Style	23-0788	—	-	—	V		
GMA Model "A"	23-0591	23-4550	23-4512	—	L		
GMA Model "B"	23-0592	23-4554	23-4514	—	М		
GMA Model "F"	23-9174*	23-4553*	23-9169*	23-9878	Ν		
GMA Model "M"		—	—	23-9874*	Q		
GMA (Inside-Out)	—	—	-	23-0941	Z		
Jaybrake Small 2-piston	23-9174*	23-4553	23-9169*	—	Ν		
Jaybrake 2 piston ADC/ADCS	23-0592	23-4554	23-4514	—	М		
Jaybrake 6 piston A6 L/R	I —	23-4557	l —	_	Т		
Performance Machine 162 x 2	23-9036	23-4552	_	—	Р		
Performance Machine 125 x 2	23-9174*	23-4553		—	Ν		
Performance Machine 125 x4S	23-9174*	23-4553		23-9945	N		
Performance Machine 125 x 4SL	23-9174*	23-4553	—	23-9945	Ν		
Performance Machine 125 x 6	—	23-4558	—	23-9945	U		
Performance Machine 137 x 6	—	23-4558	-	—	U		
Performance Machine 124 x 4HR	—	23-4555	—	_	R		
Performance Machine 137 x 4	—	23-4555	—	—	R		
Performance Machine 125 x 4R	23-9037	23-4556	-	23-9946	S		
*Note: Set of Four							

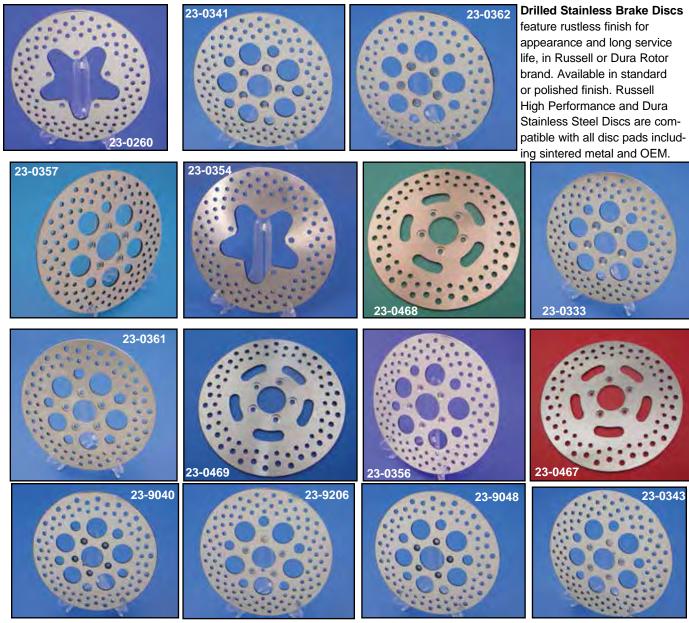


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Stainless Brake Disc

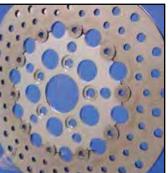


Dura Rotor		Russell		ОЕМ	OEM Dia		Bolt Kit	Fits
Polished	Standard	Polished	Standard	OEM	Dia	BOIT KIT	Fits	
REAR					n			
23-0260	23-0354	—	—	40939-86A	11.5"	9807-10	1986-99 FLT	
23-0341	23-0333	23-9044	23-0318	41791-79	11.5"	8791-10	1981-92 FXST-FXR Cast or Wire	
						Cast or Wire		
23-0362	23-0361	23-9045	23-9926	41789-92	11.5"	9807-10	1993-99 FXST-FXR-FXDB Cast or Wire	
						Cast or Wire		
23-0468	23-0469	—	—	41789-92	11.5"	9807-10	1993-99 FXST-FXR-FXD	
						Cast or Wire		
23-0357	23-0387	23-9050	23-9051	41797-00	11.5"	9807-10 Wire	2000-up FXST-FXD-FLT Cast or Wire	
						9818-5 Cast		
23-1043	I –	-		41791-10	11.5"	9807-10	2010-up FXST-FXD-FLT	
						9818-5		
FRONT								
23-0343	23-0334	23-9040	23-0319	44136-84	11.5"	8793-5 Cast	1984-91 FX-FXST-FXSTS-FLST-FLT	
						8794-10 Wire	Cast or Wire Wheel	
23-9206	23-0368	23-9040	23-0319	44136-92	11.5"	8793-5 Cast	1992-99 FX-FXST-FXSTS-FLST-FLT	
						8794-10 Wire	Cast or Wire Wheel	
23-0467		-	-	44136-92	11.5	8793-5 Cast	1992-99 FXST-FXSTS-FLST-FLT	
						8794-10 Wire	Cast or Wire Wheel	
23-0356	23-0379	23-9048	23-9049	44156-00	11.5"	8793-5 Cast	2000-up FXD-FXST-FLT	
						8794-10 Wire	Cast or Wire Wheel Left Side Brake Disc	
_	23-0906	—	—	41500094	11.8"		2014-up FLT Dual Disc Set	
23-6764	—			41500022	300M		2015-up FXST, 2014-up XL Left Side	
	23-6765			41500022			2015-up FXST, 2014-up XL Left Side	
23-0907	—	—	—	44553-06A			2006-10 FXD for left side	
23-0908	—	—	_	42040-06			2006-10 FXD for left side	



Floating Brake Disc







11.5" Polished Stainless Steel Floating Brake Disc. Order bolt set separately.					
Fits					
1979-99					
2000-up					
•					
1984-95					
1996-99					

23-0596 1996-99 **23-0595** 2000-up

💕 Stainless Brake Disc

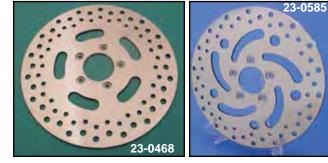
Floating Center Detail

Replica Brake Discs feature full stainless construction with precision ground finish and slot style pattern.

VT No.	Year	Fits	Finish
23-0467	1992-99	Front	Stainless
23-0468	1992-99	Rear	Polish
23-0584	2000-up	Front	Polish
23-0775	2000-up	Front	Stainless
23-0585	2000-up	Rear	Polish

Note: 2000-up discs have 2.25" inner diameter center hole, 1979-99 discs have 2.062" inner diameter center hole.





Steel Brake Disc

Steel Brake Disc feature fine finish ground surface. Available with or without holes in steel with zinc finish unless noted as stainless. Exactly interchangeable with stock discs. Order bolt set separately.

Drilled	Plain	OEM	Dia	Bolt Kit	Fits	Туре
FRONT						
23-0370	_	44210-79	10"	8792-5	1979-83 FLT	Steel
23-0371	_	44210-79	10"	8792-5	1979-83 FL	Stainless
23-0300	23-0301	44136-84	11.5"	8793-5 Cast	1984-99 FX FXST-FXSTS-FLST-FLT	Zinc
		44136-92		8794-10 Wire	Cast or Wire Wheel	
23-0534	—	44136-00	11.5"	8793-5 Cast	2000-up FXD, FLT	Steel
				8794-10 Wire	Cast or wire wheel right side brake disc	
23-0538	—	44260-00	11.5"	8793-5 Cast	2000-up FXSTS-FLSTS	Stainless Steel
				8794-10 Wire	Cast or wire wheel right side brake disc	
23-0535	—	44156-00	11.5"	8793-5 Cast 2000-up FXD-FXST-FLT		Steel
				8794-10 Wire	Cast or wire wheel left side brake disc	
REAR						
23-0307	23-0308	41791-79	11.5"	8791-10	1981-92 FXST-FXR Cast or Wire	Steel
_	23-0155	41791-79	11.5"	8791-10	1981-92 Softail-FXR	Stainless
23-0297	23-0313	40909-81A	12"	8791-10	1981-84 FLH Cast or Wire .390 thick.	Steel





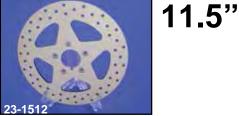
Dura 2000-up Stainless Brake Discs with vented swirl slots. Polished

OEM	Type/Side	Model
44156-00	Front, Left	FXD, FXST
44136-00	Front, Right	FXD, FXST
44156-00	Front, Left	FXD
41797-00	Rear	All Polished
41797-00	Rear	All Polished
44156-00	Front	
	OEM 44156-00 44136-00 44156-00 41797-00 41797-00 44156-00	44156-00Front, Left44136-00Front, Right44156-00Front, Left41797-00Rear41797-00Rear

V Poliched Stainless Brake Discs.

i Stainless	Brake Dis
Year	Туре
1984-99	Front
1984-99	Rear
2000-up	Front
2000-up	Rear
2008-up	Front
	Year 1984-99 1984-99 2000-up 2000-up





	23	-1312				
Dura Polished Stainless Brake Discs.						
VT No.	Year	Туре	Bolts	Wheel		
23-1512	1984-99	Front	8791-10	Wire		
			8793-5	Cast		
23-1513	1984-99	Rear	9807-10	Wire		
23-1514	2000-up	Front	8794-10	Wire		
			8793-5	Cast		
23-1515	2000-up	Rear	9807-10	Wire		
			9818-5	Cast		
Order Bolts Separately.						

Note: 2000-up brake discs have 2.25" inner diameter center hole, 1979-99 brake discs have 2.062" inner diameter center hole.



Polished Stainless Steel Razor Brake Disc features full stainless construction polished to high gloss. Order screw set

Rear, 11.	5				
VT No.	Year	Side	Wheel	Screw Set	Holes
23-0386	1993-99	Right	Wire	9807-10	Countersunk
23-0820	As Above	Э			Unpolished
23-0388	1979-99	Right	Wire	8791-10	Tapered
23-0392	2000-up	Right	Wire	9807-10	Countersunk
			Cast	9818-5	Countersunk
Front, 11	.5"				
23-0376	1984-99	Left	Cast	8793-5	Countersunk
			Wire	8794-10	Countersunk
23-0391	2000-up	Left	Cast	8793-5	Countersunk
			Wire	8794-10	Countersunk



10" Polished Razor Brake Discs.	
VT No. Fits	Style
23-0847 Rear, Left	1973-80
23-0848 Rear, Left, 23-0848 has chrome center.	1973-80





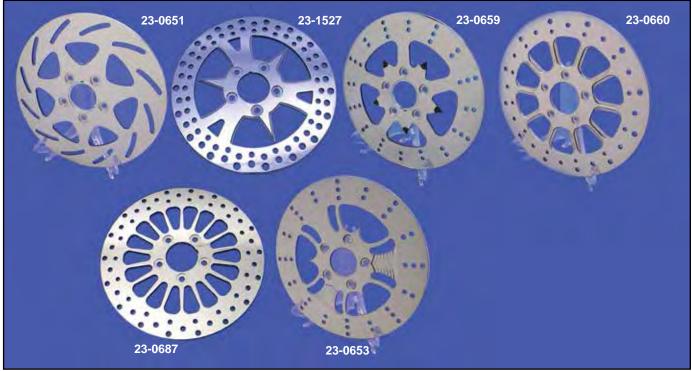
11.5" Dura Polished Brake Disc. *Note: Chrome center portion.

VT No.	Year	Туре	Style	Bolts
23-1500*	1984-99	Front	Hole	8794-10
23-1502	1986-99	Rear	Hole	9807-10
23-1501	2000-up	Rear	Slot	9807-10
23-1516	1986-99	Rear	Razor	9807-10



11.5" Stainless Brake Disc

Fits front and rear!



11.5" Edart Disc in polished stainless features universal design to fit 1984-up front and rear applications.

VT No.	Туре	Qty	VT No.	Type	Qtv
23-0651	Swirl	Each	23-0659		Each
23-1527		Each		10 Spoke	
23-0687 23-0653		Each Each		Adapter Kit	



 S-Spoke Polished Brake Disc.

 VT No.
 Year
 Type

 23-0638
 2000-up
 Rear

 23-0639
 2000-up
 Front

 23-0656
 1984-99
 Front



3-0639	
0	0
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 5-Spoke Polished

 Stainless Brake Disc by

 Dura Rotor.

 VT No.
 Year
 Type

 23-1508
 1984-99
 Front

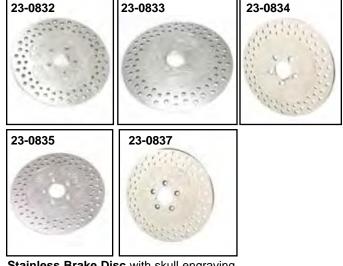
 23-1509
 1984-99
 Rear

 23-1510
 2000-up
 Front

 23-1511
 2000-up
 Rear

Fits Right and Left!

Edart Univ	Edart Universal Brake Disc utilizes center ring and washers as noted.				
Fits	Year	Ring	Washers		
Front	1984-99	Yes	Yes		
Front	2000-up	No	Yes		
Rear	1984-99	Yes	No		
Rear	2000-up	No	No		



Stainless Brake Disc with skull engraving. VT No. Year Type Finish

23-0832 1984-99 Front	Stainless Steel
23-0833 1984-99 Front	Polished
23-0834 1984-99 Rear	Polished
23-0835 1984-99 Rear	Stainless Steel
23-0836 2000-up Rear	Stainless Steel
23-0837 2000-up Rear	Polished Stainless Steel



	Dia	NC DIS			
Chro	ome Brake Dis	Chrome Rea	r Brake Disc	Bolts.	
	s. See listing fo	Wheel Type	Year	VT No.	#
#	Thread	Cast	1997-up	9818-5	Е
A	3/8 x 16 x1	Spoke	1992-up	9807-10	D
В	5/16 x 18 x 7		•	9007-10	D
С	5/16 x 18 x 7	/8		07 0000	^
D	3/8 x 16 x 1	Cast	1979-91	37-9236	Α
Е	3/8 x 16 x 1	Cast	1979-91	9632-5	Α
L		Spoke	1993-96	9807-10	D
		Spoke	1993-up	37-9237	D
		Spoke	1997-up	9818-5	Е
CI	hrome Fron	t Disc Brake Disc	Bolts.		
	heel Type		VT No.	#	

Chrome Front Disc Brake Disc Bolts.						
Wheel Type	Disc	Year	VT No.	#		
FXST-FXDW	G					
Spoke	Single	1984-up	8794-10	В		
Cast	Single/Dual	1984-up	8793-5	С		
FXR-FXD						
Spoke/Cast	Single/Dual	2006-up	2341-5	С		
Spoke/Cast	Single/Dual	1984-up	8793-5	С		

5/16 x 18 x	7/8 FXSI-F	LSI-FXR			
3/8 x 16 x 1	Cast	19	79-91	37-	•
3/8 x 16 x 1	Cast	19	79-91	963	
0/0 × 10 × 1		19	93-96	980	ĺ
	Spoke	19	93-up	37-	•
	Spoke	19	97-up	98 ⁻	
rome Fror	nt Disc Brake	Disc Bo	ts.		
neel Type	Disc	Year	VT No.	#	
ST-FXDW	G				
oke	Single	1984-up	8794-10	В	
ist	Single/Dual	1984-up	8793-5	С	
	e	•			

44-0511

Brake Disc Bolt Spacers will adapt 1973-up FX-FL rear hubs to accept brake discs for front fork use. VT No. 44-0528 fits dual disc type 1980-83 FXWG type.

 \bigcirc

44-0528

9807-10

37-9237

0 0 o

0.00 .900		
VT No.	Outer	Inner
44-0528	3⁄8	5⁄16
44-0511	⁷ /16	3⁄8
44-0554	7⁄16	5⁄16

9818-5

9632-5

8793-5

44-0554

Brake Disc-Pulley Spacers

37-9236

8794-10

8793-5





2000-up Rear Pulley-Disc Spacers, sold as each.						
VT No.	Thick	Туре	VT No.	Thick	Туре	
20-0346	1⁄16"	Steel	20-0143	.750"	Alloy	
20-0347	.125"	Steel	20-0145	1"	Alloy	
20-0343	.200"	Steel	20-0146	13⁄8"	Alloy	
20-0344	.250"	Steel	20-0147	1.5"	Alloy	
20-0345	.300"	Steel				



Brake Disc Spacers provide offset when required, with 7/16" bolt holes. Each disc measures 21/16" inner diameter with 45/16" outside diameter.

Fits 1980-99 with 21/16"I.D.

VT No.	Thick	Material			
23-0320*	¹ ⁄16"	Steel			
19-0128	³ ⁄16"	Steel			
19-0452	³ ⁄16"	Billet			
19-0413	1⁄4"	Steel			
*Note: Use when installing fl					

flat brake disc on 1973-75 Big Twin.

Alloy Rear Pulley Rotor Spacer is ideal to get belt pulleys or chain sprockets in line. These spacers can also be used as a disc spacer. Spacer can be machined down to the next size under without having to worry about the spigot alignment, when you machine the face of the spacer down to the desired thickness. Spacers are drilled for use with 7/16" bolts and designed to be used with 2000-up type wheel hubs.



Fits 2000-up with 2.25" I.D. VT No. Thick 20-0149 .200" 20-0150 .125" 20-0151 .3125' 20-0136 .250" 20-0143 .300" **20-0144** .940" 20-3088 1" 20-0146 1.250" 20-3090 1.370" 20-0147 1.5"

Aluminum Rear Pulley Spacer

BIG TWIN



Brake Hose

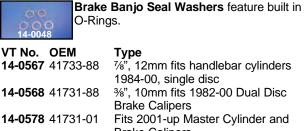


Front Brake Hose is of stock type rubber construction and D. O. T. approved. 45" length. Fits 1984-99 FXST. Replaces 45112-84A. VT No. 23-0742



Rear Steel Brake Tubes are zinc plated. Front fits between master cylinder and junction. Order rubber hose for final connection to rear cylinder or caliper separately. Fits 1984-Early 87 FXST and Late1984-85 FXWG. Replaces OEM# 45154-84. VT No. 23-2303

Banjo Bolt



Brake Calipers 14-0048 41751-06A Fits 2006-up (Copper) Chrome Banjo Bolts include seal washers.

0 7		VT	No.	Size	MM	Style	
		219	0-3	<u> 3</u> % - 24	10	Dome	
		219	1-3	<u> 3</u> % - 24	10	Allen	
2190	1_2	219	2-3	⁷ ⁄16 - 24	12	Dome	
2190	J-3	219	3-3	⁷ ⁄16 - 24	12	Allen	
		23-	0882	2004-up	XL 10	Hex	
		23-	0883	2004-up	XL 12	Hex	
	Aller	า Bu	tton He	ead Banjo	b Bolts sol	d with washers	5.
	VT N	lo.	Size	MM			
00	37-8	517	⅔ -24	10			
	37-8	518	7/16 -24	12			



32-0426

32-0434

Billet Aluminum Brake Tee.

VT No. Type

23-9227 Front ³/₈-24 inverted flare in all 3 holes 23-9228 Rear ³/₈-24inverted flare

in 2 holes and 1/8 NPT in center hole Universal Straight Chrome Union with bracket.

'T No	
3-06	2
3-06	8
	3-06

Thread 35 1/8 NPT 88 3⁄8-24 32-0425 32-0443





Chrome Banjo Bolt Kits for use with universal or stock lines, front and rear, washers included. The VT No. 37-8979 is to be used when a master cylinder or caliper uses a 3/24 banio bolt and the line has a 12mm hole inctood of 10mm

instead of	iomm.	
VT No.	OEM	Line
23-0612	41747-82A	10mm
23-0613	41731-82	10mm
23-0614	41739-84	12mm
23-0615	45583-83	12mm
37-8979	Special Kit	12mm
14-0568	41731-88	10mm
14-0567	41733-88	12mm
23-0842	41750-06A	

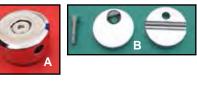
Size/Item 3%-24 Washers 7/16-24 Washers 3%-24 Washer with O-Ring Washer with O-Ring 2006-up

-00

Banjo Bolt by Russell accepts brake light switch and eliminates the need for junction block. Replaces the standard 3/8 x 24 bolt. Sold each. VT No. 23-0746



Chrome Billet Brake Line Tee has 2 inverted flare 3% - 24 threaded holes, 1/8" National Pipe Thread center hole. VT No. 23-3769



Front Chrome Brake Line Clamp fits under triple tree to secure stainless brake line. 1/4 - 20 mount hole. VT No. Туре 23-0675 A В 23-0686



Chrome Steel Brake Line Tees with 5/16" mounting hole. VT No. Туре 23-0570 Center hole inverted flare 3/8"- 24 UNF, side tubes 3/8"- 24 UNF 23-0571 Center hole 1/8" - 27 NPT, side tubes 3⁄8" - 24 UNF Center hole and side tubes 1/8" - 27 NPT 23-0572

Hydraulic Brake Switch features heavy duty contacts and quality brass terminals.

32-0435

VT No.	Туре	Years	Brand
32-0426	Flag	1971-94	Replica
32-0435	Flag	1971-94	Accel
32-0434	Screw	1971-94	Accel
32-0425	Screw	1971-94	Replica
32-0443	Flag	1995-03	Replica
32-0770	Flag	2004-up	Replica



Universal Brake Fitting & Bolt



BIG TWIN

10mm Russell Street Legal Universal Brake Lines. Build it yourself line assemblies ready for adapter fittings.

Preassembled with high performance #3 stainless braided hose with rugged Teflon® inner and crimp-on chrome plated female swivel hose ends. Clear coated for abrasion resistance. Meets the guidelines of the D.O.T. MVSS-106 requirements and are 50-state legal. Compatible with all brake fluids

50-state i	so-state legal. Compatible with all brake hulds.							
VT No.	Leng	gth VT No.	Length	VT No.	Length			
23-8352	4"	23-8110	30"	23-8180	54"			
23-8002	6"	23-8120	32"	23-8272	56"			
23-8010	9"	23-8130	34"	23-8282	58"			
23-8020	12"	23-8342	36"	23-8229	60"			
23-8030	15"	23-8140	38"	23-8332	62"			
23-8362	16"	23-8242	40"	23-8312	64"			
23-8040	17"	23-8150	42"	23-8322	66"			
23-8212	18"	23-8252	43"	23-5833	68"			
23-8050	19"	23-8262	44"	23-5834	70"			
23-8060	21"	23-8192	45"	23-5835	72"			
23-8070	23"	23-8372	46"	23-5836	74"			
23-8080	25"	23-8160	47"	23-5840	80"			
23-8090	26"	23-8202	50"					
23-8100	28"	23-8170	52"					
		10mm Bania	End Dual	Disc Uppor	Hogo fito			

23-8926

10mm Banio End Dual Disc Upper Hose fits 1982-up style master cylinders for single or dual disc application. Hose has nut with inverted flare at opposite end. Length VT No. 23-8926 24" 28" 23-8928



Cable Clip with 5/16" hole snaps on fork tubes to hold cables and brake hoses. VT No. MM

24-1023 39 24-0497 41 24-1024 49





41mm Push On Fork Tube Clamps. VT No. Style 31-0315 Smooth 31-0316 Groove

Russell ProSwivel[™] Brake Hoses are designed for single disc applications from stock to full custom rebuilds. Feature a unique design that allows the hose end to rotate 360° eliminating the hassle of aligning the connection at the caliper. Installation is easy, simply route the hose utilizing stock mounting locations, attach the banjo at the master cylinder, rotate the caliper banjo to correct angle requires. Tighten, bleed and your installation is complete. These hoses are factory assembled requiring no shop assembly in length from 40" to 54", with various end configurations for master cylinders.

VT No.	Master Cylinder Caliper	Overall
	Description	
23-9300	Straight 7/16" ID Banjo x 90°	40"
23-9301	Straight 7/16" ID Banjo x 90°	42"
23-9302	Straight 7/16" ID Banjo x 90°	44"
23-9303	Straight 7/16" ID Banjo x 90°	46"
	Straight 7/16" ID Banjo x 90°	48"
23-9305	Straight 7/16" ID Banjo x 90°	40"
	35° 7/16" ID Banjo x 90°	44"
23-9307	35° 1/16" ID Banjo x 90°	46"
23-9308	35° 1/16" ID Banjo x 90°	48"
23-9309	90° 7/16" ID Banjo x 90°	50"
23-9310	90° 7/16" ID Banjo x 90°	52"
23-9311	90° 7/16" ID Banjo x 90°	54"
23-9312	90° %" ID Banjo x 90°	48"
23-9313	90° %" ID Banjo x 90°	50"
	90° ¾" ID Banjo x 90°	52"



Chrome Adapter Fittings see listing for application. *Note: Most Common Use.

Fitting Type Adapts To: VT No. 23-4047 10mm Banjo, straight 23-4050 10mm Banjo, 35° 23-4055 10mm Banio, 45° 23-4051 10mm Banjo, 90° 23-4052 7/16" Banjo, straight 23-4053 7/16" Banjo, 35° 23-4056 7/16" Banjo, 45° 23-4054 7/16" Banjo, 90° 23-4057 12mm Banjo, Straight 23-4058 12mm Banjo, 35° 23-4059 12mm Banjo, 90° 1/8" Male NPT, straight 23-4244 23-4279 1/8" Male NPT, 90° 23-4293 1/8" Male NPT, 45° 23-4298 Male Tee 23-6033 Flare Union 23-6034 3% - 24 Banjo Bolt 23-6035 7/16 - 24 Banjo Bolt 23-6040 10mm x 1.25 Banjo Bolt 23-6041 12mm x 1.25 Banjo Bolt 23-6036 3% x 24 Double Banio Bolt 23-6042 10mm x 1.25 Double Banjo Bolt 23-0746 3% x 24 Brake Switch Banjo Bolt 23-6037 35° Rear Banjo, 10 mm 23-6038 90° Short Rear Banjo, 10mm 23-6039 90° Long Forward Control Banjo, 10mm 23-4396 3% -24 Male Inverted Flare, straight, 2 pack 23-4380 3% -24 Male Inverted Flare, 90° and 120° *Junction block to master cylinder 23-4281 3% -24 Male Inverted Flare, 45° *Rear Calipers 23-4282 3% -24 Male Inverted Flare, 90°, Short *Junction Block to Front Caliper 23-4283 3% -24 Male Inverted Flare, 90°, Long *Junction Block to Front Caliper 23-4284 3% -24 Male Inverted Flare, 150° *Forward Controls 23-4306 Front Wide Glide Junction Block 23-4307 Front Narrow Glide Junction Block 23-4305 90° Long Forward Control Banjo, 10mm 35° Short Rear Brake Banjo, 10mm 23-4303 23-4304 90° Short Rear Brake Banjo, 10mm

23-0746 -00





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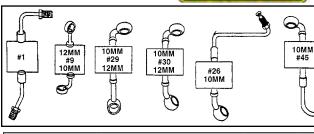
Brake Line

10MM #36 10MM

#5

10MM #45

Н



Softails						
*Note: DOT appro						
Year	Model	Front	Туре	Rear		Type
1986-87	FLST		9	23-8814		1
1987-up	FLST-FLSTC	23-8745*	9		or	
				23-8839*		
As Above +2 Ext		23-8987	9	23-8822		
As Above +4 Ext		—	9	23-8822	or	
				23-8839*		
As Above +6 Ext		23-8989	9		or	1
2000-03	FLSTC	23-8745*		23-8838		
	Heritage Classic		ľ			
4000.00		00.0745*		00.0000*		_
1990-99	FLSTF-FLSTN	23-8745*		23-8839*		
2000-06	FLSTF Fat Boy	23-8745*		23-8838		
1997-99	FLSTS Heritage	23-8757*		-		5
	Springer			23-8839		
2000-06	FLSTS	23-8757*		23-8838*		
1984-86	FXST Standard	23-8728*	9	23-8814		
1987	FXST-FXSTC	23-8728*		23-8814		
1987-98	FXST-FXSTC	23-8728*	9	1 —	or	
	(manufactured after	23-8837*				T
	2/1/87)					
As Above +2 Ext	2/1/07	23-8946	0	23-8837*		+
As Above +4 Ext			9		or	
		23-0947	9		01	
				23-8837*		
As Above +6 Ext		23-8948	9	23-8837*		
1999-2003	FXST Standard	23-8771		23-8837*		_
1999-2003	FXST Standard	23-8771		23-8838*		
<u>2000-up</u>	FXSTC Custom	23-8728*	9	23-8838*	ļ	
1988-89	FXSTC Springer	23-8947	9	23-8830	or	
	_			23-8837*		
1996-99	FXSTS Springer	23-8760	29	23-8837*		1
2000-03	FXSTS Springer	23-8760		23-8838*		
1995-97	FXSTSB Bad Boy		30	23-8837*		1
1999	FXSTB Night Train	23-8770		23-8837*		
1999-2003	FXSTB Night Train	23-8770	i –	23-8838*		1
1999-2003	FXSTD Deuce	23-8774		23-8838*		
FL Touring/Dres		20 0114		120 0000		
Year	Model	Front		Rear	1	Туре
1984	FLT-FLHT	23-8731*	26 45			5
1985	FLT-FLHT	23-8731*				5
1986-91	FLT-FLHT	23-8731*		23-8847*		36
1992-96	IFLT-FLHT	23-8731*		23-0047		36
1992-90		23-0731	20, 43			30
1007.00			0.0 15	23-8842*		
<u>1997-03</u>	FLT-FLHT	23-8731*	26, 45	23-8844*		5
<u>1994-96</u>	FLHR-FLHRI	23-8756*		23-8842*		
1997-2007	FLHR-FLHRI	23-8756*		23-8844*		
As Above +2 Ext		23-8997		23-8844*		
As Above +4 Ext		23-8998		23-8844*		
As Above +6 Ext		23-8999		23-8844*	ļ	
2008-11	FLHR-FLHT-FLHX	23-8778				
Upper Lines Onl	<u>y</u>					
23-8986	1984-02 FLT-FLH	29"	25			
		10mm	Upper			
		•	Line			
			1.1116		1	1
			Only			











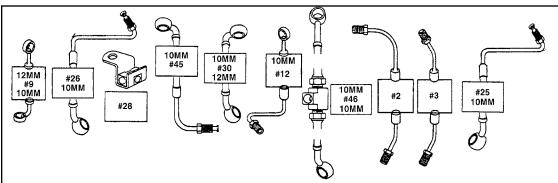






Brake Line





Fittings Shown for Reference Only

	Dyna Se					
1000	Year	Model	Front	Туре	Rear	Туре
1 cm	1991	FXDB Sturgis	23-8751*	9	23-8826 or 23-8836*	46
23-8728	1992	FXDB Daytona	23-8749*	26, 28, 45	23-8836*	46
	1992	FXDC Custom	23-8749*	26, 28, 45	23-8836*	46
10 101	2005	FXDC Custom	23-8773		23-8833	
	2006-07	FXDCI Custom	23-8769		l —	
	1992-99	FXDL Low Rider	23-8749*	26, 28, 45	23-8836*	46
	2000-05	FXDL Low Rider	23-8744*	26, 28, 45	23-8833*	
2	2006-07	FXDL Low Rider	23-8768		i —	
23-8773	1993-99	FXDWG Wide Glide	23-8728*	9	23-8836*	46
	2000-05	FXDWG Wide Glide	23-8728*	9	23-8833	
(Carton	2006-07	FXDWG Wide Glide	23-8766			1 -
	1994-99	FXDS Convertible	23-8749	26, 28, 45	23-8836*	1
ev e	2000-03	FXDS Convertible	23-8749	26, 28, 45	23-8833*	
100 M	1995-99	FXD Super Glide			23-8836*	46
		As Above +4" Ext	23-8983	30	23-8836	46
	2000-05	FXD Super Glide		23-8773*	23-8833*	1
	2006-07	FXDI Super Glide		23-8769		1
00 0000	1999-05	FXDX Super Glide Sport	23-8836*		23-8833*	
23-8833	2000-06	FXSTD	23-8774	1		
H.	Upper Li		1	1		
	VT No.	Year/Model	1	Length	Туре	1
	23-8980	1992-02 FXDL-FXDS	26 1/4" 10mm	25	Upper Line O	nlv
00	FX Series			-		,
00/	Year	Model	Front	Type	Rear	Type
1 00			Front 23-8722*	Type 9	Rear 23-8810	
<u> </u>	1984-85	FXE-FXEF	23-8722*			2 3
	1984-85 1984-87	FXE-FXEF FXS-FXRS-		9	23-8810	2
	1984-85	FXE-FXEF FXS-FXRS- FXRDG-FXRC FXSB	23-8722*	9	23-8810	2
<u>~</u>	1984-85 1984-87	FXE-FXEF FXS-FXRS- FXRDG-FXRC	23-8722*	9	23-8810 23-8813*	2
	1984-85 1984-87 1984-85	FXE-FXEF FXS-FXRS- FXRDG-FXRC FXSB FXWG	23-8722*	9	23-8810 23-8813* 23-8810	2 3 2
	1984-85 1984-87 <u>1984-85</u> 1984-86	FXE-FXEF FXS-FXRS- FXRDG-FXRC FXSB FXWG ++2" Ext	23-8722* 23-8722*	9 9	23-8810 23-8813* 23-8810 23-8810	2 3 2 2
	1984-85 1984-87 1984-85 1984-86 As Above	FXE-FXEF FXS-FXRS- FXRDG-FXRC FXSB FXWG +2" Ext +4" Ext	23-8722* 23-8722* 23-8953	9 9 9 9	23-8810 23-8813* 23-8810 23-8810 23-8810	2 3 2 2 2 2
	1984-85 1984-87 1984-85 1984-86 As Above As Above As Above 1985-86	FXE-FXEF FXS-FXRS- FXRDG-FXRC FXSB FXWG +2" Ext +4" Ext	23-8722* 23-8722* 23-8953 23-8953 23-8954	9 9 9 9 9 9	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810	2 3 2 2 2 2 2 2
	1984-85 1984-87 1984-85 1984-86 As Above As Above As Above	FXE-FXEF FXS-FXRS- FXRDG-FXRC FXSB FXWG +2" Ext +4" Ext +6" Ext	23-8722* 23-8722* 23-8953 23-8954 23-8955	9 9 9 9 9 9	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810	2 3 2 2 2 2 2 2 2 2 2 2 2
	1984-85 1984-87 1984-85 1984-86 As Above As Above As Above 1985-86	FXE-FXEF FXS-FXRS- FXRDG-FXRC FXSB FXWG +2" Ext +4" Ext +6" Ext FXRS Sport	23-8722* 23-8722* 23-8953 23-8954 23-8955	9 9 9 9 9 9 9 12, 28, 45	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813	2 3 2 2 2 2 2 2 2 3
	1984-85 1984-87 1984-85 1984-86 As Above As Above 1985-86 1987-93	FXE-FXEFFXS-FXRS-FXRDG-FXRCFXSBFXWG+2" Ext+4" Ext+6" ExtFXRS SportFXRS Sport	23-8722* 23-8722* 23-8953 23-8954 23-8955	9 9 9 9 9 9 9 12, 28, 45 26, 45	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846*	2 3 2 2 2 2 2 2 2 3 46
	1984-85 1984-87 1984-85 1984-86 As Above As Above 1985-86 1987-93 1987-94	FXE-FXEFFXS-FXRS-FXRDG-FXRCFXSBFXWG+2" Ext+4" Ext+6" ExtFXRS SportFXRS SportFXLR	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760*	9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846*	2 3 2 2 2 2 2 2 2 3 46 46
	1984-85 1984-87 1984-87 1984-86 As Above As Above 1985-86 1987-93 1987-94 1988-92	FXE-FXEF FXS-FXRS- FXRDG-FXRC FXSB FXWG +2" Ext +4" Ext +6" Ext FXRS Sport FXRS Sport FXLR FXRT Sport FXRT Sport FXRT Sport	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760* 23-8747*	9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846*	2 3 2 2 2 2 2 2 2 3 46 46 46
-8749	1984-85 1984-87 1984-87 1984-86 As Above As Above 1985-86 1987-93 1987-94 1988-92	FXE-FXEFFXS-FXRS-FXRDG-FXRCFXSBFXWG+2" Ext+4" Ext+6" ExtFXRS SportFXRS SportFXLRFXRT SportFXRT Sport GlideFXR, FXRS, FXRC	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760* 23-8747* 23-8747* 23-8746*	9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9 26, 28, 45	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846* 23-8846*	2 3 2 2 2 2 2 2 3 46 46 46 46
-8846	1984-85 1984-87 1984-87 1984-86 As Above As Above 1985-86 1987-93 1987-94 1988-92 1988-92 1988-94	FXE-FXEFFXS-FXRS-FXRDG-FXRCFXSBFXWG+2" Ext+4" Ext+6" ExtFXRS SportFXRS SportFXLRFXRT SportFXRT Sport GlideFXR, FXRS, FXRCFXRS Convertible	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760* 23-8760* 23-8747*	9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846*	2 3 2 2 2 2 2 2 3 46 46 46 46 46
-8749	1984-85 1984-87 1984-87 1984-86 As Above As Above 1985-86 1987-93 1987-94 1988-92 1988-92 1988-94 1989-93	FXE-FXEFFXS-FXRS-FXRDG-FXRCFXSBFXWG+2" Ext+4" Ext+6" ExtFXRS SportFXRS SportFXLRFXRT SportFXRT Sport GlideFXR, FXRS, FXRC	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760* 23-8747* 23-8747* 23-8747* 23-8746* 23-8749*	9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9 26, 28, 45	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846*	2 3 2 2 2 2 2 2 3 46 46 46 46 46
-8749	1984-85 1984-87 1984-87 1984-86 As Above As Above 1985-86 1987-93 1987-94 1988-92 1988-92 1988-94 1989-93 1999	FXE-FXEFFXS-FXRS-FXRDG-FXRCFXSBFXWG+2" Ext+4" Ext+6" ExtFXRS SportFXRS SportFXRT SportFXRT Sport GlideFXR, FXRS, FXRCFXRS ConvertibleFXR2, FXR3	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760* 23-8747* 23-8747* 23-8747* 23-8746* 23-8749* 23-8775*	9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9 26, 28, 45	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846*	2 3 2 2 2 2 2 2 3 46 46 46 46 46
-8749	1984-85 1984-87 1984-87 1984-86 As Above As Above 1985-86 1987-93 1987-94 1988-92 1988-92 1988-94 1989-93 1999 1999 Lower Li	FXE-FXEF FXS-FXRS- FXRDG-FXRC FXSB FXWG +2" Ext +4" Ext +6" Ext FXRS Sport FXRS Sport FXRT Sport FXRT Sport Glide FXR, FXRS, FXRC FXRS Convertible FXR2, FXR3 FXR4	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760* 23-8747* 23-8747* 23-8747* 23-8746* 23-8749* 23-8775*	9 9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9 26, 28, 45 26, 28, 45	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8848*	2 3 2 2 2 2 2 2 3 46 46 46 46 46 46 46
-8749	1984-85 1984-87 1984-87 1984-87 1984-87 1984-87 1984-87 1984-86 As Above As Above 1985-86 1987-93 1987-94 1988-92 1988-92 1988-93 1999 1999 Lower Li 23-8956	FXE-FXEFFXS-FXRS-FXRDG-FXRCFXSBFXWG+2" Ext+4" Ext+6" ExtFXRS SportFXRS SportFXRT SportFXRT Sport GlideFXR, FXRS, FXRCFXRS ConvertibleFXR2, FXR3FXR4nes Only1984-87 FXRT-FXRD	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760* 23-8747* 23-8747* 23-8747* 23-8747* 23-8746* 23-8775* 23-8776*	9 9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9 26, 28, 45 26, 28, 45 26, 28, 45	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8848* 23-8848* 23-8848*	2 3 2 2 2 2 2 2 3 46 46 46 46 46 46 46
-8749	1984-85 1984-87 1984-85 1984-85 1984-86 As Above As Above As Above 1985-86 1987-93 1987-94 1988-92 1988-93 1999 1999 Lower Li 23-8956 23-8958	FXE-FXEFFXS-FXRS-FXRDG-FXRCFXSBFXWG+2" Ext+4" Ext+6" ExtFXRS SportFXRS SportFXRT SportFXRT Sport GlideFXR, FXRS, FXRCFXRS ConvertibleFXR2, FXR3FXR4nes Only1984-87 FXRT-FXRD	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760* 23-8747* 23-8747* 23-8747* 23-8747* 23-8746* 23-8775* 23-8776*	9 9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9 26, 28, 45 26, 28, 45	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8848*	3 2 2 2 2 2 3 46 46 46 46 46 46 46 46
-8749	1984-85 1984-87 1984-85 1984-85 1984-86 As Above As Above As Above 1985-86 1987-93 1987-94 1988-92 1988-93 1999 1999 Lower Li 23-8956 23-8958	FXE-FXEFFXS-FXRS-FXRDG-FXRCFXSBFXWG+2" Ext+4" Ext+6" ExtFXRS SportFXRS SportFXRT SportFXRT Sport GlideFXR, FXRS, FXRCFXRS ConvertibleFXR2, FXR3FXR4nes Only1984-87 FXRT-FXRD	23-8722* 23-8722* 23-8953 23-8954 23-8955 23-8760* 23-8747* 23-8747* 23-8747* 23-8747* 23-8746* 23-8775* 23-8776*	9 9 9 9 9 9 9 12, 28, 45 26, 45 9 26, 28, 45 9 26, 28, 45 26, 28, 45 26, 28, 45	23-8810 23-8813* 23-8810 23-8810 23-8810 23-8810 23-8810 23-8813 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8846* 23-8848* 23-8848* 23-8848*	2 3 2 2 2 2 2 2 2 2 3 46 46 46 46 46 46 46



49mm Fork



49mm Fork Components fit 2006-up FXD forks.



VT No. Item VT No. Item 24-0924 Top Triple Tree 2339-5 Axle Spacer 24-0925 Chrome Lower Tree 24-0926 Bearing Adjuster Nut 44-0699 Axle 24-0953 Lower Dirt Guard 24-1080 Slide Bushing

24-0197 Top Nut Kit 24-0818 Stem Cover 2272-5 Clamp Screw



Chrome Fork Boot Set fits 49mm FXD-FXDWG models. Easy to install without dissembly of fork. VT No. 24-1213



Chrome Fork Boots fit 49mm FXD style forks. VT No. 24-0499

50-0265









Steel Front Fender fits 2006-up with 49mm forks. VT No. Model Wheel 19"

21"

19"

16"

FXD
FXDWG
FXCW
FXDF

49mm Fork Brace fits 2006up FXD, will not fit FXDWG. VT No. 24-0983



Kwik-Klip attaches brake line or speedometer cable to fork leg inner diameter is 49 mm.

VT No. 24-1024

49mm Fork Clamp will hold clutch cable position. VT No. 31-1010



49 mm Grooved Billet Fork Clamps. VT No. 31-0323



Fork Rebuild Kit. VT No. Model 24-1083 FXD 24-1056 FLT



Complete 49mm Fork Assemblies include assembled right and left fork slider assembly, top triple tree, bottom triple tree and axle. FXDWG assemblies are stock replacement for 2006-up but can be installed on 2001-05 models which will require use of 2006-up front fender, brake caliper and wheel.

VT No. Sliders 24-1153 Polish 24-1157 Chrome



49mm Fork Components fit 2006-up FXDWG forks. VT No. Item VT No. Item 24-0948 Right Hand Slide Assembly 24-0953 Lower Dirt Guard 24-0949 Left Slide Assembly 44-0691 Axle 24-0970 Right and Left Set 24-1049 Chrome Tube 24-1202 Top Tree (chrome) Assemby 24-1417 Top Tree, 2008-up 24-1059 Chrome Leg Set 24-1217 Lower Tree 2337-5 Axle Spacer 24-1310 Triple Tree Set (V-Twin) 24-0197 Top Nut Set 24-0926 Bearing Adjuster Nut 24-0818 Stem Cover 24-1080 Slider Bushing 2272-5 Clamp Screw



Billet Tree Sets fit 49mm FXDWG forks.

VT No. Type 24-1409 Ball Milled 24-1411 Smooth 24-1235 OE, 49MM



Chrome Triple Trees fits FXCWC models. VT No. Type 24-1231 Lower 24-1232 Upper



Chrome Triple Tree Set fits 2008-up 49mm FXDF models or as a conversion for Early Model Softail 1984-up. VT No. 24-1154



49mm Fork Tube Sets with hard chrome finish. 2006-up All Dyna models (except FXDF). VT No. Fits 24-1185 Stock FXD 251/2" 24-1186 Stock FXDWG 271/2" 2008-up FXDF 24-1187 Stock 251/2" 2014-up FLT models 24-1188 Stock 223/4"

Trees to fit 1980-99 FXST-FXWG when using 49mm fork tubes. VT No. Type

24-1029 Lower 24-1202 Upper

260





41mm 11.5" Single Disc Fork Assembly



BIG TWIN

FXST Style Single Disc Fork/Wheel and Caliper Assembly features chrome trees with 1" stem. Available with polished or chrome lower sliders without reflector boss, and hard chrome fork tubes and internals installed. Legs to accept a left side single disc caliper, 11.5" brake disc and hard chrome fork tubes with internals assembled. Axle, neck, bearings, top cone, stem nut, pinch bolts, and bearing dust covers are included. Stock length is 31" overall. Kit also includes a 21' all chrome assembled wheel with bearings, drilled 11.5" brake disc with chrome screws and chrome disc caliper complete with mount hardware and pads. Fits 1948-99 FX-FL.

VT No.	Caliper	
24-2044	Polish	
24-2006	Chrome	

Chrome Lower Tree Cover covers area on lower tree below headlamp.

VT No. 31-9991

Phatt Fork Assembly

Chrome Billet Phatt Fork Kit features

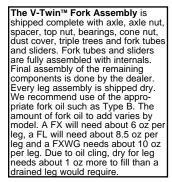


smooth top tree, massive fork tube covers, hidden fork stops, smooth billet lower leas and hidden axle. Trees are stock FXST rake. Available in stock (31") to +12" extended length. Use $11^{1/2}$ " single disc and caliper assembly. Order tree set and leg set separate as two numbers. Tree set includes upper covers and leg set includes lower covers in correct length for tube application. Note: Parts listed on this page are not compatible with any other trees or legs in this catalog. VT No. Length

24-9000 Trees Only Stock Rake 24-9007 Trees Only 0° Rake for Raked Legs For Stock Rake Trees For Rake Trees Leg Assembly* Leg 24-9008 +8' Assembly' 24-9010 +10" 24-9016 +2' 24-9012 +12' +4' 24-9017 24-9018 +6"

24-9019	+8"
24-9020	+10
24-9021	+12

*Note: No Hidden Fork Stops.





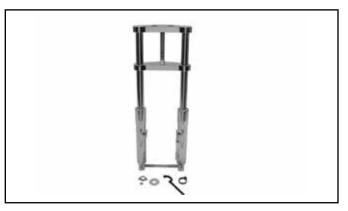




FXST Style Single Disc Fork Assembly features chrome trees with 1" stem, polished or chromed lower slider legs, to accept 11.5" caliper and brake disc, hard chrome fork tubes, axle, neck bearings, top cone and stem nut, pinch bolts and bearing dust covers. Fork is 31" overall length (L) and legs are assembled. Single disc unit accepts 11.5" brake disc and left side caliper. Voar

VT No Fits

VI 140.	1113	i cai
24-9950	Big Twin Single Complete	1980-99
24-2004	As Above with Chrome Lower Sliders	1980-99
		2000-06
	and Lower Legs	



Chrome Billet Phantom 41mm Fork Assembly

 Features hidden top bolt and lower clamp assembly screws. Kits include billet lower leas and axle to fit 11.5" brake disc

and caliper,	1984-99 type).	
Stock	3° Rake	5° Rake	Length
24-5550	24-5567	24-8500	Stock (31")
24-5556	24-5570	24-8507	+6"

Chrome Inverted Fork Assemblies feature 45mm lower tubes with 63.5 mm upper tube assemblies with overall length from the top of the tree to axle center as noted. Adjustable fork stops permit installation on FXST or FXDWG models. Top nut, axle and fender mounts included. Use with 1984-99 caliper, wheel and 11.5" brake disc single disc.

VT No. Length 24-0729

40.5 31-0351 Brake Line Clamp Replica Fork Assembly

41mm Glide Fork Assemblies include forged chrome replica triple trees, hard chrome tubes on stock length forks, chrome tubes on overstock length and polished or chrome lower legs with all internals installed less hardware. Stock overall length is 31". Order installation kit separately.

	(A) FXWG	, Dual 10"	(B) FXST,	Single 11.5"	(C) FXST, I	Dual, 11.5"
	Polish	Chrome	Polish	Chrome	Polish	Chrome
Stock	24-1500	24-1525		24-1532	24-1501	24-1546
2"	24-1503	24-1526	24-1509	24-1533	24-1515	24-1540
4"	24-1504	24-1527	24-1510	24-1534	24-1516	24-1541
6"	24-1505	24-1528	24-1511	24-1535	24-1517	24-1542
8"			24-1512	24-1537	24-1518	24-1543
10"			24-1513	24-1538	24-1519	24-1544
12"			24-1514	24-1539	24-1520	24-1545

24-0772





24-0776

 Fork Installation Kit includes two bearings, dust covers, top nut axle and related hardware.

 VT No.
 Type
 Year
 Model

 24-0774
 2 Disc
 1984-99
 FXST

 24-0833
 1 Disc
 1986-99
 FLST

 24-0772
 2 Disc
 1984-99
 FLT

 24-0773
 2 Disc
 1986-99
 FLT

 24-0773
 2 Disc
 1986-99
 FLT



41mm Billet Fork Assembly with stock rake trees and 32" overall length. Fits 1984-99 calipers. **VT No. Item 24-1547** Fork

24-1547 Fork 44-0891 Axle 24-1280 Legs



16" FL Wheel Shown on Billet Fork

Assembly. Wheel has proper offset to fit all 41mm forks which accept 1984-99 single disc caliper. Order caliper, speedo drive and spacer separately. VT No. Item

52-0696 16" Wheel 36-0803 Speedometer Drive, Left Side 44-0254 Spacer, Right Side



41mm Narrow Glide

41mm Narrow Glide will replace 39mm assembly on FXD models. Use with original wheel and brake assembly from 1984-03. Wheel not included.

VT No.ItemType24-1275Fork AssemblyDual24-1276Fork AssemblySingle24-1280Fork Sliders52-017019" WheelSingle/Dual52-017121" WheelSingle/Dual

FXR 1982-94, FXD 1991-up 41mm Fork Assembly



FXST 11.5" Single Disc Style Fork Assembly fits FXR 1982-94 or 1991-up FXD Dynaglide models. Assembly is available with chrome triple trees, polished or chrome lower legs without reflector boss to accept a left side single disc 1984-99 type caliper and 111/2" brake disc. Hard chrome fork tubes with internals assembled, axle, neck bearings, top cone, stem nut, pinch bolts and bearing dust covers are included. Stock unit is 31" overall length. FXR units do not include provision for fork lock.

Complete Single 11.5" Disc Fork Assemblies. Model Slider VT No. Year 24-9971 1982-94 FXR Polished 24-2005 1982-94 FXR Chrome 24-2008 1991-05 FXD Polished 24-2007 1991-05 FXD Chrome 24-9997* 2000-05 FXDWG Polished FXDWG 24-2047 2000-05 Chrome *Note: Does not include axle Complete Dual 11.5" Disc Fork Assemblies. 1982-94 24-9952 FXR Polished 24-9973 1982-94 FXR Chrome 24-2009 1991-05 FXD Polished 24-2010 1991-05 FXD Chrome Complete Single 11.5" Disc Fork Assembly and 21" Wheel Kits. Include a 21" all chrome assembled wheel with bearings, drilled 11.5" brake disc with chrome screws and a chrome single disc caliper complete with mount hardware and pads. 24-2017 1982-94 FXR Polished 24-2018 1982-94 FXR Chrome FXD 24-2027 1991-05 Polished 24-2028 1991-05 FXD Chrome



FXWG 10" Style Dual Disc Fork Assembly fits 1982-94 FXR and is available with polished or chrome lower sliders which are smooth at the reflector boss area, accepts dual disc calipers, 10" brake disc, chrome trees, bearings, axle, spacer and top nut. Hard chrome tubes with internals are assembled. Stock is 31" overall length. Units do not include provision for fork lock

Complete Dual 10" Disc FXR Fork Assembly

VT No.	Slider	
24-9970	Polished	
24-9975	Chrome	

Complete Dual 10" Disc Fork Assembly and 21" Wheel Kits Include a 21" all chrome assembled wheel with bearings, two drilled 10" brake discs with chrome screws and chrome caliper set complete with mounting hardware and pads. 24-2015 10" Dual EXP Polished

24-2015	10" Dual	FXR	Polished
24-2016	10" Dual	FXR	Chrome

Billet Leg Assembly



BIG TWIN





Billet Leg Assembly Kit includes axle and bearings as noted. VT No. Item Overall Length 24-1236 +6" Leg Assembly 38" 24-1237 Leg Assembly 32" 24-1356 Leg Assembly 38" 24-1562 Leg Assembly 38" 24-1239 Leg Assembly 38" 24-1032 Leg Assembly 32" 24-1238 Leg Assembly with ball mill 32"



24-1277 Leg Assembly with ball mill 38"

49mm Fork Assembly includes chrome upper and lower trees with stock tubes and chrome sliders. Fits 1971-99 FX. VT No. 24-1319



41mm Fork Assembly 11.5" Dual Disc

11.5" Dual Disc Fork/Wheel Assembly includes complete fork assembly. Kit also includes a 21" all chrome assembled wheel with bearings, 2 drilled steel 11.5" brake disc with corn screws, chrome style disc caliper set, speedometer drive and adapter, complete with mount hardware and pads. Fits 1948-99 FX-FL.

VT No.	Sliders		
24-2038	Polished		
24-2039	Chrome		



11.5" Dual Disc Fork Assembly

11.5" Dual Disc Fork Assembly features FXST style components. Assembly includes chrome triple trees and hard chrome fork tubes installed in polished or chrome, lower sliders with all internals installed, which accept dual 11.5" brake discs and calipers. Overall length is 31". Kit includes axle, spacer, neck bearings, top cone. Order stem nut and bearing dust covers separately. If a front wheel drive speedometer is not desired.

Order axle kit VT No. 44-0570 separately.

VT No.	Fits
24-9949	Big Twin Complete
24-9972	Big Twin Complete
52-0127	21" Wheel with Chrome Spokes
52-0181	21" Wheel with Stainless Steel Spokes
24-9948	Right and Left Slider Assembly
24-0517	Right and Left Slider Assembly
36-0547	Speedometer Drive Adapter Kit
23-2226	Chrome Caliper Set

Sliders Polish
Chrome
 Polish
Chrome



41mm 10" Dual Disc Fork Assembly



FXWG Style Dual Disc Fork/Wheel and Caliper Assemblies to fit 1948-99 Big Twin FL-FX-FXWG features polished or chromed lower sliders without reflector boss. Hard chrome fork tubes and internals installed. Includes chrome trees with 1" diameter stem, neck bearings, axle spacer and top nut. Stock length is 31" overall. Kit also includes 21" all chrome assembled wheel with bearings, drilled 10" steel with chrome screws, and choice of black or chrome dual disc calipers complete with pads. 24-9947 has smooth lower legs.



FXWG Dual Disc Fork Assembly Front Wheel Speedo Drive Kit will allow use of 2:1 ratio speedo. Kit includes axle, speedo drive and adapter flange. VT No. 36-0547

VT No.ItemCaliper24-2000KitChrome24-2011KitChromeFork Assembly OnlyPork Assembly24-0779Fork Assembly24-1525Fork Assembly24-9947Fork Assembly

Sliders Polished Chrome

Polish Chrome Polish



Fork Assembly Kit fits 1973-84 FL, 1980-83 FXWG. VT No. 24-0776





Chrome Billet Style Fork Assembly features chrome machined triple tree set with "hidden" top nut. Chrome leg assembly is smooth style to accept 2000-up left side caliper and a FXSTD style fender. One inch neck bearing and axle kit included.

VT No. 24-9978



Chrome "Fatty" Curved Riser Set features pull back styling as on 2000-up models. Kit includes two piece cap set and risers with 5" rise and 2" pull back and 1⁄2" x 13 internal threads. Replaces 56033-00. **VT No. 26-0539**



41 mm Chrome Wide Glide Billet Fork Assembly.
VT No. Fits
24-0688 6"+ over stock length of 31"
24-0689 8"+ over stock length of 31"





Glide Fork, FXSTD Style featuresall chrome components, includingaxles and nuts. Bearings included.VT NoYearModel24-99441990-99Softail24-99762000-upFXD24-0512StandardLeg Assembly24-0080StandardTube Assembly

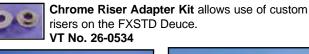


2000-up Chrome Deuce Triple Tree Set includes upper and lower tree. VT No. 24-0666



50-0203

FXSTD Chrome Lower Triple Cover. dresses up the unfinished underside of lower triple tree. Includes mounting hardware. Replaces 66021-00. **VT No. 42-0080**









50-0201

2000-up FXSTD Steel Front Fender replaces 59876-00.
VT No. Type
50-0203 Black Primer
50-0199 Black Primer with chrome bracket
50-0200 Chrome
50-0201 OE, Black Primer

BIG TWIN



Fork for FLST 41mm

24-9951

FLST Fork Assembly is 1986-99 Replica style featuring a chrome top tree, black lower stem with chrome or polished lower sliders with hard chrome fork tubes and internals installed to accept 11.5" disc. Includes neck bearings, top nut and axle kit. Unit accepts 5 piece chrome tin fork cover set 24-9959 for the authentic look. Order fender, wheel, and tin set separately. Fits 1949-84 FLH, 1971-84 FXE and 1985-99 Softail models. Units are $32^{1}/4^{2}$ long overall length from top tree to axle position. Sliders Disc VT No. Item 24-9951 Fork Assembly Polish 1 24-0515 Fork Assembly Chrome 1 24-2120 Fork Assembly Chrome 2 24-9959 Chrome Five Piece Cover Set 52-0696 16" Wheel with chrome spokes 50-1075 As Above without trim holes

Polish

Chrome

50-0764 Fat Kid Fender, pictured

- 23-3061 Left side, black caliper
- 23-3082 Left side, chrome caliper

24-9995 Right and Left Slider Assembly 24-0511 As Above

Fork Assembly for 2000-up FLSTF, FLSTC models, with 32° frame rake. Kit includes fork assembly, triple trees with bearings, dust shields and hardware. Available with finishes as noted. VT No. Lower Legs Trees 24-0579 Chrome Chrome

Note: All related parts are available separately.



VT No. Item 16" x 3 Wheel 52-0131 24-2136 Fender 50-0764 23-0300 Brake Discs (2) 8794-10 Discs Bolts (2) Gator Boots 28-0439 Caliper Set 23-2226 Speed Drive 36-0547 Inner Tube (SV) 46-0115 Choice of Triple Trees: VT No. Туре Fits 24-0000 Softail 24-0719 "D" 24-0800 FLH Cowl 24-0829 Early Stainless Steel Covers Big Twin

Dual Disc Fork Assembly accepts right and left 1984-88 style calipers to fit 11.5" discs. This combination gives the ultimate in stopping power for 1948-84 FX-FL, 1986-99 FXST-FLST. Overall length is 31". The basic kit includes FXST or FLH Tree Set

24-0518 DD Leg Assembly 24-0776 Fork Install Kit Tree Type FXST 24-0514* FLH *Note: Use wheels 52-0848/52-0849

Fork Assembly for FLST





FLST Style Complete Front End Assembly includes the complete fork kit with the addition of the five piece chrome fork cover set, 7" headlamp and bracket, 16" chrome wheel, speedometer drive, chrome caliper, 11.5" drilled disc and fat kid style or FLST style fender.

VT No. Type	Caliper	Slider
Fat Kid Style		
24-2019 Kit	Black	Polish
24-2020 Kit	Chrome	Chrome
FLST Style		
24-2021 Kit	Black	Polish
24-2022 Kit	Chrome	Chrome





Replica Chrome Forged Steel Triple Tree Sets include lower bearing pressed on, dust shield set and upper bearing and cone nut.

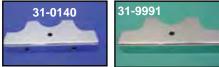
VT No.	Year	Model
24-0346	1984-87	FXST
24-0347	1988-99	FXST
24-1335	2000-up	FXST
24-0350	2000-up	FLST
24-0348	1986-99	FLST
24-0349	1992-05	FXDWG
24-0350	2000-up	FLST

24-9933



Chrome FXST Lower Fork Stem accepts 41mm fork tube and fits FXST or neck cups with built in stops.

VT No.	OEM	Years
24-9933	45640-88B	1984-85
24-0064	Without lock	1988-99
24-0235	45640-00	2000-up



Chrome FXST Headlight Bracket mounts bottom style mount head lamps on fork, also covers rough casting on lower tree.

VT No.	OEM	Years
31-0140	67773-80	1980-u
31-9991*	67773-80A	1986-9

980-up 986-93

*Note: Does not have holes for front mounting. Mounts by headlight eye bolt only and acts as tree cover.



Lower Fork Stem Retaining Ring for 1986-up all models. Replaces 45611-86. VT No. 12-0979







Fork Stem Die Holder. Order die separately. VT No. Item 16-0272 Holder Only 16-0051 Set 16-0836 Die Only 1" x 24 TPI

41mm Glide Tree





FXST Triple Trees accepts 41mm fork tubes. Bottom tree features built in rake and rounded edges. Trees use VT No. 28-2218 rubber bushing set and headlamp bracket VT No. 31-9991 which are not included.

VT No.	OEM	Years	ltem
TREE SE	TS		
24-0000	—	1984-87	FXST
24-9930	—	1988-99	FXST
24-0993	—	2000-up	FXST
24-0540*	—	1992-05	FXDWG
TOP TRE	E ONLY		
24-0007	45672-80	1984-88	FXST
24-0062	45672-80A	1989-up	FXST
LOWER '	TREE ONLY		
24-0825	45665-80A	1984-87	FXST
24-0843*	45665-80A	1984-87	FXST
24-9933	45640-88B	1988-99	FXST
24-0006	45679-92	1992-05	FXDWG
24-1070	Tab	1984-87	FXST
24-1403	46386-08	2008-up	FXDWG



Chrome Top Tree for 1989-up FXST-FXDWG features updated design. Replaces 45672-80A. VT No. 24-0062



Allen

Hex

Chrome "D" Style Tree Set features chrome steel construction to fit 1980-99 Softail models.

VT No. 24-0719

Lower Stem Pinch Bolts available in zinc hex or chrome allen. Chrome allen set for FXWG-FXST includes headlight bracket screws.

VT No. Type 37-8835 Hexagon 9803-4 Hexagon 9782-4 Allen

Fits 1949-up FX-FXST FL-FXWG-FXST

1949-up FL-FXWG-FXST

Finish Zinc Chrome Chrome



Black Adjustable Fork Tree Kit is available for 1977-84 FLH, FXWG 41mm fork legs. Showa type is 1977-up. Kits fea-

ture swivel type plugs which are included. Lower tree has two positions for changing rake and fork lock tab. Kits use VT No. 28-0221 rubber bushing kit and VT No. 24-9910 top tree cover. VT No. Fits

1977-84 FLH 80-86 FXWG Complete, Black 24-0797 24-0004 As Above without Tabs



41mm Glide Tree fits FLST models











FLST Fork Stem and Top fits 1986-up models with 41mm fork tube use VT No. 24-9959 fork tin set. Note Sets 24-0304 and 24-0498 do not accept covers or cowls.

not accep	ot covers or cov	NIS.		
VT No.	OEM	ltem	Year	Finish
24-0270	45605-88	Lower Stem	1986-99	Black
24-0273	W/o lock tab	Lower Stem	1986-99	Black
24-0271	45605-88	Lower Stem	1986-99	Chrome
24-0301*	45605-88	Lower Stem	1986-99	Chrome
24-0399	W/o lock tab	Lower Stem	1986-99	Chrome
24-0307	45605-00	Lower Stem	2000-up	Black
24-0306	45605-00	Lower Stem	2000-up	Chrome
24-0263	45456-86	Upper	1986-up	Chrome
24-0269	_	Set	1986-99	Chrome Top
				Black Lower
24-0284	_	Set	1986-99	Chrome
24-0304	W/o lock tab			
		Set	1986-99	Chrome
24-0498	Smooth	Set	1986-99	Chrome
	W/o lock tab			
24-0341	_	Set	2000-up	Chrome
37-0505	4453	Top Nut with C	Chrome Cove	er
*Notoulo	oludoo lowor b	ooring		

*Note: Includes lower bearing.

Fork Stem Lock Tabs replace broken, bent or missing on stock lower triple trees, to be welded on. Fits 1986-99 FLST. VT No. 51-0104



1986-up FLST Complete Cover Kit includes front panel, left and right panel, upper slider covers, side trim strips. Mounting hardware not included with chrome kit.

VT No. Finish 24-0838 Chrome 24-1039 Black 37-0571 Mounting Kit



24-9958

Chrome Fork Cover Kits fit 1986-99 FLST in 3 piece tin set or 5 piece which includes slider covers, stock length.

01 0 01000	
VT No.	Item/Style
24-9958	3 Piece Set
24-9959	5 Piece Set
24-1266	7 Piece Set
31-0404	Rear Panel Mount Brackets, pair
37-0571	Complete Fork Cover Mount Kit
9981-8	Chrome Screw Kit only



FLST Smooth Chrome Fork Cover Kit. Three piece kit includes front panel and matching left and right panels. Fits all 2000-up FLST models. VT No. 24-9047





Slider Covers fit 1986-up FLST model forks. Stock length is 65%" overall.

VT No.	Finish
24-9960	Chrome
24-9986	Stainless
24-9048	Chrome

Chrome Fork Cover Side Trim Strips

replace stock alloy type 67891-99 on 1986up FLST models. VT No. 24-9911







Ball Milled Chrome Billet **Triple Tree Sets** include top nut. Order bearings, cone nut and dust covers separately. 24-0069 Stock 24-3000 3° **Ball Milled Chrome Billet Triple Tree Sets**

with turn signal mounting holes in lower tree. Includes top nut. Order bearings, cone nut and dust covers separately. 24-1030 Stock 24-0921* 5°



5° Ball Milled Chrome Billet Inverted Triple Tree Set with hidden top stem nut. Order bearings, cone nut and dust covers separately. VT No. 24-1031



Taper-Top Socket Fork Caps. 41mm Glide . VT No. Years/Model 24-0154 1948-76 FLH



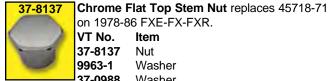
FXD Fork Stop Kit is to adapt billet trees to FXD models. VT No. 24-0749



Universal Fork Stop mounts to triple tree. VT No. 24-0492



Lower Fork Stem Retaining Ring for 1986-up all models. Replaces 45611-86.VT No. 12-0979



on 1978-86 FXE-FX-FXR. VT No. Item 37-8137 Nut 9963-1 Washer 37-0988 Washer



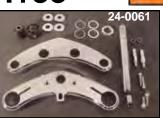


24-0077

Chrome Billet Forge Triple Tree Set fits 41mm tubes. Includes 1" stem, hidden top fork tube caps, collet clamp at lower tree and head lamp mount. VT No. Rake 24-0746 Stock 24-0078 3° 24-0077 5°

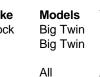
41mm Tree





Smoothie Triple Tree Set features hidden stem nut tree for use with 41mm fork tubes. Kits include riser bushings and stem hardware

narawarc	•	
VT No.	ltem	Ral
24-0061	Tree Set	Sto
24-0366	Tree Set	5°
24-0154	Top Plugs	
24-2053	Stop Pins	





BIG TWIN

24-0068







Contour Chrome Billet Tree Set Tree Set with hidden top nut and pin stops. Order bearings and dust covers separately. Includes stem.

VT No.	Rake
24-0068	Stock
24-0987	3°
24-0988	4°
24-0989	5°
24-1025	5° As Above for use with internal fork stops
24-0990	6°
24-1200	Stop Pin Set for 24-0068
24-1201	Stop Pin Set for Above except 24-0068

24 Pin Set for Above except 24-0068 Slop



Raked Billet Tree Set with or without 5° built in rake and hidden stem. Stop pins included.*Note: Includes signal mounts on lower tree.

VT No. Rake 24-1030* 0° 24-1031* 5°









Chrome Lower Fork Slider Sets replace stock polished sliders on stock 41mm fork assemblies.

VT No. Year For FXST-FXDWG-FXSTC (41mm) 24-0684 1984-99 24-0584 2000-06 24-1775 2007-up For FLST-FLSTC-FLSTF (41mm) 24-0594 1986-99 24-1342 1986-99 Dual Disc 24-0585 2000-06 24-1215 2007-up



 Big Twin Glide Lower Leg Cap.

 VT No.
 Finish
 Fits

 24-0328
 Polish
 1977-99

 24-0336
 Chrome
 1977-99

 24-0385
 Chrome
 2000-up



Chrome Lower Fork Slider. VT No. Fits 24-0580 FXWG 1980-83 24-0583 FLHT 1984-99



41 mm Billet Fork Slider Set. includes caliper bracket for an axle and a $11\frac{1}{2}$ " brake disc. VT No. 24-0959



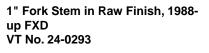
Extended Billet Fork Slider. 24-6004 +4" 24-6006 +6" 24-6008 +8" Chrome 49mm Lower Leg Set fits 2002up V-Rod. Replaces 46526-02A.

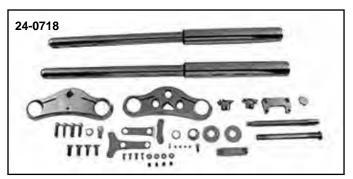
VT No. 24-1198



Lower Smooth Polished Legs feature smooth design without reflector boss, for dual disc 10" applications. Internals not included. Fits 1980-83 FXWG. VT No. 24-9934

24-0293





34.5 " Chrome Fork Inverted Assembly. Top nut, axle and fender mounts included. VT No. 24-0718



Narrow Glide Conversion Kit to fit FXD-XL 39mm models. Includes upper and lower triple trees, stem, stem nut, fork stops, axle, axle spacers and fender spacers. Kit can be used with 1984-99 FXST/FXDWG 41mm fork leg assemblies and 1984-99 narrow glide 19" or 21" wheel assembly with aluminum hub and front fender. Accepts 11.5" disc and caliper (custom brakes may cause interference with laced wheels). Measures 4¹⁵/₁₆" between fender mounts and is for front wheel speedometer operation, replace left side axle spacer with speedo drive unit.

VT No. Item 24-0958 Kit 36-2450 Speedometer Drive



39mm Chrome Fork Stem Nut Covers fit over stock stem nut. 37-9073 includes 2 fork tube cap covers and 1 stem nut cover for 1987-up FXRS-SP, 1988-90 FXLR, 1988-90 FXR.

VT No. Fits

- 24-0637 1987-up FXR
- 37-9073 Three piece set as shown
- Three piece set Flat Top Style 37-9520
- 24-1278 Three piece set, Dome Top Style



Top Triple Tree for FXR-FX with 35mm tubes. VT No. FXR FX Finish 24-0802 1982-87 1973-84 Cast 24-0803 1982-87 1973-84 Polished 24-0826 1982-87 1973-84 Chrome Alum.

Replica 39mm Triple Tree





Chrome Triple Tree Sets include upper and lower trees to fit 39mm fork tubes as stock on 1990-05 FXD models.

VT No. Item 24-0669 Tee Set 37-0865 Screw Set 12-0384 Bearing Set 24-0114 **Dust Covers** 24-0089 **Bearing Set**





Chrome Top Triple Tree for 1988-94 FXR and 1991-05 FXD-FXDL, replaces 45739-87. VT No. Item 24-0865 Top Tree 28-1503 Top Bushing Set 37-0865 Screw Set



Chrome Lower Triple Tree Cover fits 39mm forks 1987-up. Designed for easy installation. VT No. 42-0342



Upper Bracket Cover fits 1988-up XL-FXD 39mm forked models, when using a custom bottom mount headlamp. VT No. Item

42-0861 Cover 2272-5 Screw Set



VT No. Fits 24-0856 1988-94 FXR-FXRT

24-1020 1988-94 FXR-FXRT 24-0857 1987-94 FXLR 24-0665 1987-94 FXLR 24-0859 1990-05 FXD-FXDL 24-0864 1990-05 FXD-FXDL Finish Aluminum Chrome Polished Chrome Polished Chrome



Lower Fork Stem Retaining Ring for 1986-up all models. VT No. 12-0979



35mm Lower Tree fits 1984-87 FXR. VT No. Finish 24-0806 Black 24-0855 Chrome



FX-FXR Fork Assembly with Polished Single Disc Lower Sliders. Complete Narrow Glide Fork Assemblies for FXR and FXD models. 24-8563 include chrome lower sliders.

VT No. Year Model 24-8553 1988-94 FXR-FXLR 24-8554 1990-99 FXD-FXDL 24-8860 2000-03 FXD 24-8563 2004-05 FXD







39mm Chrome Single Disc Lower Fork Sliders.

VT No.	Fits	Model
24-0373	1988-99	FXR-FXD
24-0079	2000-2003	FXD
24-0353	2004-up	FXD



39mm forks. VT No. 44-0003

35 and 39mm Fork Plugs



39mm E-Z Fill Fork Tube Top Plugs feature small oil fill cap built in to fork tube top plug which will allow fork oil change/fill without removing top fork cap. Pairs. 1988-up. VT No. 24-0863





fit 39mm FXR, 1987-up.

Chrome	I op Fork	C Plugs fit
VT No.	Туре	U/M
24-0335	Flat	Pair
9913-2	Flat	Each
9914-2	Dome	Each

Chrome Domed Top Bolt fits 35mm. Fits Late1985-Mid87 FXR. VT No. 8863-1



39mm Steering Stabilizer Kit includes brackets and adjustable round body dampener piston. Fits 1991-05 FXD. VT No. 24-0198



39mm Fork Tube and Slider Assembly available in right and left pairs, completely assembled. Units have hard chrome fork tubes, and either polished or chrome lower sliders, with springs and all internal components installed.

Disc	Fits	Slider	Finish
Single	1988-99	FXD	Polish
Single	1988-99	FXD	Chrome
Single	2000-03	FXD	Chrome
	Single Single	Single 1988-99	DiscFitsSliderSingle1988-99FXDSingle1988-99FXDSingle2000-03FXD



41mm Narrow Glide will replace 39mm assembly on XL models. Use with original wheel and brake assembly from 1984-03. Wheel not included. Туре

Dual Disc

Single Disc

Single Disc

Single Disc

Dual Disc

Dual Disc

VT No. Item 24-1275 Fork Assembly 24-1276 Fork Assembly 52-0170 19" Wheel

52-0171 21" Wheel

Fork Tube and Slider Assembly



Slider

Fork Tube and Slider Assembly available in right and left pairs, completely assembled. Units have hard chrome fork tubes, and either polished or chrome lower sliders, with springs and all internal components installed.*Note: OE as noted.

Fits



24-0763

1980-83 FXWG 1980-83 FXWG 1980-83 FXWG, Smooth Legs 1986-99 FLST-FLSTF 1986-99 FLST-FLSTF 1986-99 FLST-FLSTF 1986-99 FLST-FLSTF 2000-06 FLST 2007-up FLST 1984-99 FXST 1984-99 FXST 1984-99 FXST 1984-99 FXST 1984-99 FXST 1984-99 FXST 1984-99 FXST 2000-06 FXSTD 2000-06 FXSTD 2000-06 FXST-FXDWG 2000-06 FXST-FXDWG 2000-07 FXST 2006-07 FXST 2007-WFXST 2008-up FXST 2008-up FXST 2007-up FXST 1973-84 FLH	Polish Chrome Polish Chrome Ch
2008-up FXCWC(Right and Left 2006-up FXDWG (Right) 2006-up FXDWG (Left) 2006-up FXDWG Set	t)Chrome Polish Polish Chrome

	+4" +6"		16-up FX 16-up FX		
12	36	ings as n	oted.	-	s axle and bear-
		VT No.			Length
		24-1236	+6" Leg	Assembly	38"
		24-1237	Leg Ass	embly	32"
		24-1356	Leg Ass	embly	38"
		24-1562			38"
		24-1239			38"
	ň	24-1032	-	-	32"
	0	24-1238	Leg Ass	embly with ball	mill 32"
		24-1277	Leg Ass	embly with ball	mill 38"

2006-up FXDWG Set

2006-up FXDWG Set

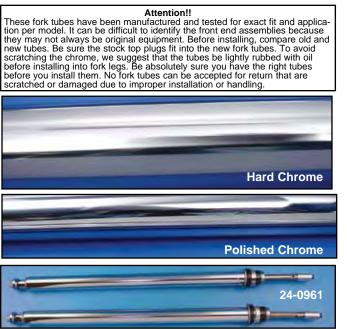
2006-up FXDWG

Chrome

Polish

41mm Fork Tube Set

1997-13 Fl FXDWG 4	LT, FLHR, FLHT 2000-up FXST, I 1mm	ELST, 2000-05
24-0045	20 ⁷ / ₈ " Replaces 45890-97 Stock FLT Length	Chrome
24-0053	22 ⁷ / ₈ " Replaces 45930-00 Stock FLST Length	Hard Chrome
24-0047	241/2" Replaces 45417-00 Stock FXST-FXDWG Length	Chrome
24-0048	As Above	Hard Chrome
24-0055	24 ⁷ / ₈ " As Above	Chrome
24-0049	261/2 As Above	Hard Chrome
24-0056	267/8 Above	Hard Chrome
24-0050	281/2 As Above	Hard Chrome
24-0058	307/8 As Above	Chrome
24-0052	321/2 As Above	Chrome
24-0072	361/2" As Above	Chrome
24-0073	381/2" As Above	Chrome
24-0074	401/2" As Above	Chrome
	FXST, 1984-1986 FX, 1991-1999	
24-1352	Stock 20%"	Hard Chrome
1984-96 F	LT, FLHT; 1984-99 FXST-FXSTC,	1986-99 FLST-
FISTE FI	CTN 4002 00 EVDIA/C 400E 06 1	
1 2011,12	STN, 1993-99 FXDWG, 1985-86 I	-XWG, 41mm.
24-0411	207/8 Replaces 45824-84 Stock	Chrome
24-0411	207/8 Replaces 45824-84 Stock FLT length	Chrome
24-0411 24-0027	20% Replaces 45824-84 Stock FLT length As above	Chrome Hard Chrome
24-0411	207/8 Replaces 45824-84 Stock FLT length	Chrome
24-0411 24-0027	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86	Chrome Hard Chrome
24-0411 24-0027 24-0461	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼ Replaces 45417-00	Chrome Hard Chrome Chrome
24-0411 24-0027 24-0461 24-1352 24-0412	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼ Replaces 45417-00 Stock FXST, FXDWG Length	Chrome Hard Chrome Chrome Hard Chrome Chrome
24-0411 24-0027 24-0461 24-1352 24-0412 24-0021	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼"	Chrome Hard Chrome Chrome Hard Chrome Hard Chrome
24-0411 24-0027 24-0461 24-1352 24-0412	20% Replaces 45824-84 Stock FLT length As above 22%" Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼" 24%" As Above	Chrome Hard Chrome Chrome Hard Chrome Chrome
24-0411 24-0027 24-0461 24-1352 24-0412 24-0021 24-1353	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼"	Chrome Hard Chrome Chrome Hard Chrome Hard Chrome Hard Chrome
24-0411 24-0027 24-0461 24-1352 24-0412 24-0021 24-1353 24-0413	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼" 24% As Above 26%" As Above	Chrome Hard Chrome Chrome Hard Chrome Hard Chrome Hard Chrome Chrome
24-0411 24-0027 24-0461 24-1352 24-0412 24-0021 24-1353 24-0413 24-0463	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼" 24% As Above 26%" As Above	Chrome Hard Chrome Chrome Hard Chrome Hard Chrome Hard Chrome Chrome Chrome
24-0411 24-0027 24-0461 24-1352 24-0412 24-0021 24-1353 24-0413 24-0463 24-1354	20% Replaces 45824-84 Stock FLT length As above 22%" Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼" 24%" As Above 26¼" As Above 26%"	Chrome Hard Chrome Chrome Hard Chrome Hard Chrome Hard Chrome Chrome Hard Chrome Hard Chrome
24-0411 24-0027 24-0461 24-1352 24-0412 24-0021 24-1353 24-0413 24-0463 24-1354 24-0414	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼" 24% As Above 26% As Above 26% As Above 28% As Above 30% As Above 32¼" As Above	Chrome Hard Chrome Chrome Hard Chrome Hard Chrome Hard Chrome Chrome Hard Chrome Hard Chrome Chrome
24-0411 24-0027 24-0461 24-1352 24-0412 24-0412 24-021 24-1353 24-0413 24-0463 24-1354 24-0414 24-0433	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼" 24% As Above 26¼" As Above 26%" As Above 28¼" As Above 30¼" As Above 32¼" As Above 32¼" As Above	Chrome Hard Chrome Chrome Hard Chrome Chrome Hard Chrome Chrome Hard Chrome Chrome Chrome Chrome Chrome
24-0411 24-0027 24-0461 24-1352 24-0412 24-0021 24-1353 24-0413 24-0433 24-0433 24-0433 24-0472 24-0485 24-0485	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼" 24% As Above 26% As Above 26% As Above 26% As Above 30¼" As Above 32¼" As Above 34¼" As Above 36¼" As Above	Chrome Hard Chrome Chrome Hard Chrome Chrome Hard Chrome Chrome Hard Chrome Chrome Chrome Chrome Chrome Chrome Chrome Chrome Chrome Chrome
24-0411 24-0027 24-0461 24-1352 24-0412 24-0021 24-1353 24-0413 24-0433 24-0433 24-0433 24-0472 24-0485	20% Replaces 45824-84 Stock FLT length As above 22% Replaces 45930-86 Stock FLST Length As Above 24¼" Replaces 45417-00 Stock FXST, FXDWG Length 24¼" 24% As Above 26¼" As Above 26%" As Above 28¼" As Above 30¼" As Above 32¼" As Above 32¼" As Above	Chrome Hard Chrome Chrome Hard Chrome Chrome Hard Chrome Chrome Hard Chrome Chrome Chrome Chrome Chrome Chrome Chrome Chrome



41MM Fork Tube Assemblies are hard chrome finish. Include top plug, springs, spacers and internal pieces completely assembled. Order bushing set separately, 1984-99 FXST,1984-96 FLT, 1986-99 FLST, 1993-99

FXDWG		
AEE (Chrome)	Dura (Hard Chrome)	Length
24-0354	24-0960	24¼"
Stock FXST, FXDV	VG Length	
24-0356	24-0961	+2"
24-0357	24-0962	+4"
24-0358	24-0963	+6"
24-0359	24-0964	+8"
24-0509	24-0965	+10"
24-0551	24-0966	+12"
24-0577	24-0967	+14"
24-0578	24-0968	+16
Leg Sets	VT No.	Length
FL 1977-84	24-0028	201/2"
FLH 1949-76	24-0032	20"
FXWG 1980-83	24-0029	241⁄2"
FLST 1986-99	24-0070	221/8"
Bushing Set	24-0097	

35/39mm Fork Tubes

1984-E86 XL, 1984-85 FXE-FXEF, 1984-86 FXR-XRS-FXRDG-FXRC, except sport package. 35mm. 24-0016 Stock 231/4" Hard Chrome 24-0430 2" over stock, Hard Chrome 1983-86 FXRT-FXRD, 1984-85 FXSB, 1985-86 FXRS with sport package. 35mm. 24-0430 Stock 251/2", Hard Chrome Late1986-87 XL, 1987 FXR-FXRS models with showa fork except FXRT-FXRD. 35mm. 24-0434 Stock 231/4", Chrome 39mm 1988-94 FXRT, 1987-94 FXRS-SP. 39mm. Stock 253%", Hard Chrome 24-0019

- 24-0439 2" over stock, Hard Chrome
- 24-0442 4" over stock, Hard Chrome
- 1987-94 FXLR, 1988-94 FXR-FXRS 39mm, 1991-05 FXD, FXDL
- 24-0020 23%", Hard Chrome, Stock
- 24-0437 23%", Chrome, Stock 24-0019 253%", Chrome, Stock
- 24-0439 273%", (+2") Chrome
- 24-0442 293/8" (+4") Chrome



39mm Fork Tube Assembly includes internals with springs, assembled for 1987-99. Tube length is 241/4". VT No. 24-0107

Fork Brace





Chrome Fork Brace is four piece design for easy installation on 39mm, 41mm or 49mm forks.

VT No.	Size	Fits
24-0983	49mm	2006-up FXD
24-0842	41mm	1984-up FXST, 1983-05 FXDWG
24-0841	39mm	1985-05 FXR, FXD
24-1839	39mm	Custom
24-1841	41mm	Custom





Chrome Billet Fork Brace Insert that has a unique 3 piece design allows for easy installation on 41mm fork assemblies. VT No. 24-0768



Tweek Bar Fork Brace is a two piece design which clamps directly to fork tube. *As noted clamps directly to fork tube. 24-0768 clamps to fork leg. Fits 41mm forks.

VT No.	Fits	Finish
24-9984*	1949-84 FLH,	Polish
	1980-up FXWG-FXST	
24-0840*	As Above	Chrome
24-0768	Three Piece	Chrome

Polish Chrome Chrome

Steering Damper Kit



Alloy Heavy Duty Steering Damper is universal, multi-position, adjustable and can be secured between the frame and

most forks. Fork tube and frame clamps sold separately.

VT No. 24-0168

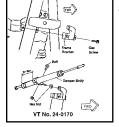


Steering Damper Fork Tube Clamp in alloy finish available in two piece design for attaching damper end to fork tube. VT No. Size 24-0657 39mm 24-0658 41mm

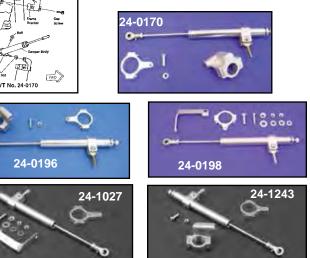


Chrome Steel Mount Clamp with 3% mount hole. Use to mount damper body to frame tube. Sold pairs. Size (Inner Diameter)

VT No. 27-0057 1" 27-0059 11/4"

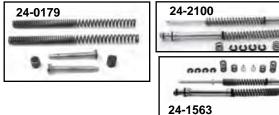


Steering Stabilizer Kit includes brackets and adjustable round body damper piston. Made in Japan.



VT No.	Fits	Fork	Year
24-0170	FXST-FXWG Big Twin	41mm	1980-99
24-0196	FXST	41mm	2000-up
24-0198	FXD	39mm	1991-99
24-1027	FXDWG	41mm	1993-05
24-1243	FXD	49mm	2006-up

Fork Spring Kit



20th Century Fork Spring Lowering Kits have progressively wound springs that resist bottoming out. Installation requires minor disassembly to lower the front forks 11/4" or 2" depending on the spacer used. Kit includes springs, spacers and hardware. Easily converts back to stock by reinstalling stock fork springs.

VT No.	Size	Year/Model
24-1563	41 mm	1997-13 FLT
24-0160	39 mm	1987-94 FXR
24-0161	35 mm	1984-87 FX-FXR
24-2100	41 mm	2000-13 FLT

Monotube Fork Cartridge Kits by Progressive Suspension converts dual damper rod forks to high performance cartridge forks. Improves resistance to front brake drive, front end stability and cornering control.

VT No.	Fits
24-2101	1984-96 FLT, FLHT, FLHT, FLHR, FLHX
24-2100	1997-13 FLT, FLHT, FLHR, FLHX
24-2102	2000-10 FXST
24-2103	2000-up FLST
24-2104	2004-10 XL



Progressive Suspension Fork Springs feature high quality, high performance replacement fork springs eliminate front end sag, reduce nose dive under braking, improve cornering stability, increase ride comfort and allow forks to utilize full travel. Sold in pairs.

VT No.	Size	Fits
24-2057	39	1987-93 FXRS-SP, 1988-93 FXRT,
		1991-05 Dynaglide, not FXDWG
24-2056	39	1987-94 FXLR, 1988-95 FXR-FXRS,
24-2045	39	1995-05 FXD
24-2048	41	1984-up FXST-FLST-FLSTF-FXDWG,
		1993-06 FXDWG,1980-13 FLT-FLHT-FLHS
		1980-86 FXWG, 1948-84 FL
24-2040	35	1983-87 FXRT, 1982-87 FXR-FXRS,
		1985-86 FXRD, 1973-86 FX-FXE-FXS-FXS



982-87 FXR-FXRS, 973-86 FX-FXE-FXS-FXSB Progressive Suspension Fork Lowering Kits. Each kit comes with Progressive rate fork springs and spacers. Each kit can be installed at two different levels to lower fork 1" or 2".

VT No. Fits

24-1561	1984-13 FXST-FLST,1993-05 FXDWG,
	1980-13 FLH-FLT, 1978-86 FL-FXWG
24-1560	1991-92 FXD, 1993-99 FXDL-FXDS,
	1988-94 FXR-FXLR
24-1559	1982-87 FXR-FXRS, 1983-87 FXRT,
	1984-86 FX



Fork Tube Spring Sets feature high tensile strength wire construction with ground ends. Sold in pairs for OEM replacement per the factory number. For more fork spring applications check factory parts book.

VT No.	OEM	Year/Model	
39mm			
24-0913	45376-87	1988-94 FXR-FXRS	
24-0914	45384-83	1984-90 FXRT	
24-0364	45941-95	1995-up FXD	
41mm			
24-0907	46051-49A	1949-77 FL-FLH	
24-0908	45837-77	1977-84 FLH, 1980-83 FLT	
24-0911	46048-84	1984-99 FXST-FXSTC	
24-0525	45931-00	2000-up FLST	
24-0912	45853-83	1983-96 FLT	
24-0915	45931-86	1986-99 FLST	
Lower Damper Tube Springs.			

	Lower Damper Tube Springs.			
	VT No. OEM	Fits		
	13-9258 45374-87	87-up FXR-FXD, pair		
13-9258	13-1946 45933-86	86-up FLST, 2000-up FXDWG		



39mm Street Tough Fork Springs by 20th Century Suspension. Progressively wound springs are made using drawn spring wire. Eliminates front end sag, reduces nose dive under braking and improves stability. 1988-91 Showa FXR.

VT No. 24-0164

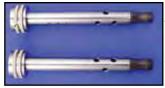


Fork Tube Assemblies include chrome fork tube plug and caps, seals, springs and damper kit. Fits 1984-99 FXST. VT No. 24-0742



Fork Dan	nper Tubes	less hardware. Sold
as pairs.		
VT No.	Year	Model
41mm		
24-0455	1984-99	FXST

6-99	FLST
3-96	FLT
7-up	Big Twin Nylon Ring
0-up	FXST
0-up	FLST
7-08	FLT
7-93	FXR
5-up	FXD
7-up	FXR Nylon Ring
)-up	Dynaglide Nylon Ring



Fork Damper Sets will lowerfront forks on Softail mod-els 2.5". Use with stock forksprings.VT No.Year24-05281984-99

24-0529 2000-06



41mm Damper Valve Set fits 2000-up FXST models. Allows accurate damping of oil flow. VT No. 24-0361



Lower Damper Tube Stop, sold in pairs. VT No. Fits 24-0258 1984-99 FXST-FLT 1995-96 FXDWG 24-0491 1997-up FXDWG 2000-up FXST-FLT 24-0460 1984-87 FXR 24-0466 1988-94 FXR 24-0375 1990-up FXD



Chrome Fork Slider Bottom Cap Stud and Nut Kit includes locknuts and studs. Fits 1973-up Showa and Kayaba. VT No. 8826-6

Fork Damper Tube



24-0470

OC

1984-99 Softail Internal Fork Hardware Kits include springs, damper kits, seal kit, washer, inner cap tube plug and top taper fork cap. VT No. 24-0767



Fork Damper Tube Kit includes for two sides, damper tubes with rings, screws and washers, lower stops, slider seal washers and retaining rings. For Showa forks.

oro ana re				
VT No.	Fits	Size (mm)		
24-0470	1984-99 FXST-FXWG	41		
24-1270	2000-up FXST	41		
24-0471	1986-99 FLST	41		
24-0488	1983-96 FLT	41		
24-0468	1987-93 FXR	39		
24-0496	1995-up FXD	39		
24-1333	2008-up FXD	49		
24-1334	2006-up FXD	49		



Replica Fork Damper Rods for all 39mm XL, except 1992-98 Hugger, all Dynaglides and 1987-94 FXRT-FXRS. Sold in pairs. **VT No. 24-0464**

Fork Internals

Fork Bushings.

VT No. Fits 24-0450 1984-87 FXR Upper 24-0451 1984-87 FXR Lower 24-0182 1988-up FXR Upper 24-0181 1988-up FXR Lower 24-0449 1984-up FXST-FLT Upper 24-0097 1984-up FXST-FLT Lower



9910-4	=	24-0010	9	9758-200	24-0011
0	0	24-0010	0		0 0

Fork Drain Screws are supplied with washers. Sold as pair.
VT No. Use
9910-4 1973-up Showa
24-0010 1976-up Showa
9758-2 1977-up FLH, 1980-up FXWG
24-0011 As Above

Fork Boots



Chrome Wiper Boot Covers are fork boots die-cast for a snug-fit over the stock rubber fork wiper boot.

VT No.	Item	MM
24-9939	1987-94 FXR	39
24-0098	1980-86 FXWG, 1984-90 FXST	41
24-9049	1980-90 FXWG-FXST	41
24-0600	1991-up FXST	41
	1993-05 FXDWG	41
24-0606	1991-up FXST	41
	1993-05 FXDWG	41
24-0363	1991-up FXST	41
	1993-05 FXDWG	41
24-0937	Custom	41
24-0499	2006-up FXD	49
24-1218	2006-up FXD	49





 Rubber Fork Boots are designed for a better fit and improved sealing and wiping action. Sold in pairs.

 VT No.
 Model

39
41
41
41
41
4



 39mm Fork Boot Cover

 Dust Shield Kit fits 1987

 94 FXR, 1991-05 FXD.

 VT No.
 Model

 24-0090
 Kit

 14-0956
 Seals only





2 Piece Chrome Fork Boot Cover Sets install overstock rubber fork boot by the unique interlocking springs supplied with the kit to securely hold boot covers in place.

VT No.	MM	Model
24-9992	35	Pre 1987 FX-FXR
24-0002	11	1000 up EVMC EVET 1

24-9993 41 1980-up FXWG-FXST, 1993-05 FXDWG



Chrome Fork Boot Covers. Requires removal of front wheel for installation. Fits 2006-up FXD-FXDWG, 49mm. VT No. 24-1213





Internet

"Gaiter" Fork Boots are flexible type for FXST-FXDWG-FXWG 41mm forks or FXD 39mm forks. Rubber boots are 230mm long, black. Sold in pairs. VT No. Size

VT No.	Size
28-0440	39mm
28-0439	41mm



V-Twin Deluxe Seal Kits include seals, gaskets, snap rings, washers and o-rings. James Kits include seals and o-rings only.

James	VT No.	MM	Year	Models
14-0038	14-0939	41	1984-08	FXST-FLST
			1987-08	FLT-FLST
14-0042	14-0943	39	1988-94	FXR-FXLR
1 4-00 44	—	35	1984-92	FX-FXR
14-0047		49	2006-up	FXD
14-0023	70	1	14-09	56



Fork Seal Sets are molded with factory part number, sold in pairs.

VT No.	OEM	Years
14-0016	45387-83	1982-87
14-0023	45875-84	1984-up
		1985-up
		1987-up
		1984-86
14-0049	45875-84A	1999-up
14-0021	45378-87	1987-08
		1988-08
<u>14-0956</u>	45401-87	
	000000	o Air
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	Туре	Size		
37	FXR-FXS-FXRT	35 mm		
Jp	FXST-FLST	41 mm		
Jp	FXWG			
Jp	FLT			
36	FLT			
цρ	FLST-FXST	41 mm		
30	FXLR			
30	FXRSE	39 mm		
лр	Dust Seal	39 mm		
.ir Control O-Ring Kit for FLT				
nd FXR models. Kit includes				
-rings and seals needed to repair				
leaking air control system. Fits				
984-up FLT and 1984-94 FXRT				
nodels with air control front forks.				

VT No. 14-0045





BIG TWIN

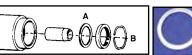
GB Deluxe Fork Seal
Rebuilding Kits include all
pieces illustrated as appropri-
ate for each application.
Complete kits include fork
tube bushings, seal and relat-
ed retaining rings.FitsSize

41 mm

Complete VT No. 24-1068 14-0700 24-1068 14-0701 24-1028 14-0704 14-0705 24-1083 Leak Press

	10011017.0		
)70 1	1986-14 FLS	ST 41 mm	
0704	1988-05 Sho	wa 39 mm	
)705	1984-87 Sho	wa 35 mm	
:	2006-up FXI	D 49 mm	
Leak Pro	oof Fork Sea	als feature a Teflon	
coating to	o reduce dra	g and carry a manufac	-
turer's life	etime guarar	ntee. Sold in pairs.	
VT No.	Size	Fits	
14-0252	41mm	84-05 FL-FXST-	
		FLT-FLST-FXWG	
14-0024	39mm	1988-05 FXR	
14-0254	49mm	2006-up FXST, FXD	

1984-10 FXST



24-0620

A-Slider Seal Washers are zinc plated. Fit 1987-up FXST.

 Replaces
 45865-84.

 VT No.
 24-0620

 B-Fork
 Seal
 Retaining
 Ring.

 VT No.
 OEM
 Year

 24-0614
 45908-80
 1980-87

 24-0623
 45905-87
 1988-05

 Fork Seal
 Spacers.
 VT No
 OEM
 Fits

 24-0626
 45377-87
 1987-up FXR
 24-0627
 45386-83
 1986-87 XL

Model FXS-FXSB-FXR, XL

FXR-FXD, XLH

Stem Nut Cover



Chrome Stem Bolt features dome shape stem bolt with chrome washer. Replaces 4453 bolt and cover on 1986-up FXST, FLST, FXR, FXD. VT No. 9978-2



Chrome Fork Stem Nut Cover to fit over stock stem nut and held in place by set screws.Cover is one piece. VT No. Fits 24-0636 1971-87 35mm fork 24-1336 1980-up 39mm fork



Chrome Fork Stem Cap Cover has stud to screw into 1980-up FXST-FXWG, 1986-up FXDWG Fork Stem. VT No. 24-0818





39mm Chrome Fork Stem Nut Covers fit over stock stem nut. 37-9073 includes two fork tube cap covers and one stem nut cover for 1987-up FXRS-SP, 1988-90 FXLR, 1988-90 FXR.

VT No.	Fits
24-0637	1987-up FXR, 48329-90
37-9073	Three Piece Set as shown
37-9520	Three Piece Set, Flattop Style



Acorn Stud for use on 1987-up FXR-FXST. Order nut separately. VT No. Item 24-1209 Stud 37-0443 Acorn Nut



41mm Fork Plug



Glide Fork Plug Kit includes fork tube plugs and matching top filler cap plugs, 1984-up FXST. VT No **Plug Style**

VI NO.	Flug Sty
24-0625	Stock
24-0599	Tapered



Chrome Inner Fork Tube Plugs for 1984-up Big Twin glide model forks. Replaces 45838-77. U/M Each 8716-1T Each 24-0187 Pair Tube Cap Washer and Seal for Showa and

Kayaba fork legs, 10 pack.

T No.	OEM	#	Fits		Finish
24-0616	45997-73	А	1973-up	FX-XL-FXR	Zinc
24-0610	5710	А	1980-up	FXWG fits Tube Plug	Zinc
9964-2	5710	А	1980-up	FXWG fits Tube Plug	Chrome
24-0385	45835-00		2000-up	Big Twin	Chrome
14-0132	45773-48	В	1948-up	FLH-FXWG, Cap Seal	



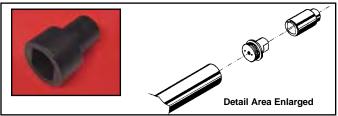


Chrome Fork Tube Top Caps are sold each unless noted as pair. Replaces 45419-80 for 1980-up FXST-FXWG, 41mm. Glide Fork VT No. U/M

9912-2 Each 24-0186 Pair

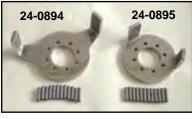


Chrome Fork Tube Plug with 5710 washer. Fits FL, FXWG, Softail 1978-up. VT No. 2311-2



Fork Tube Plug Tool. Special socket fits 1948-up Glide Fork Plug, 1/2" drive. VT No. 16-0630

Fork Stop



Stainless Steel Fork Stops mount to custom triple trees under lower bearing. VT No. Model Year 24-0894 FXD 1991-up 24-0895 Big Twin1948-99



Fork Stop Pins. Lower trees may be drilled and tapped to accept the stop pins.

VT No. Type Note

24-2053 Long 17/8" Long, not including threaded portion 24-1201 Tapered





Fork Lock Pins include two barrel keys. VT No. Year/Model 24-1081 1990-99 FXST, 2001-2005 FXD 24-1082 1993-00 FXD, 2000 FXST





Fork Stop Kit is to adapt billet trees to FXD and Big Twin models.

VT No. Туре

24-0749 FXD, 3" center to center 24-1208 Big Twin, 2¹⁵/₁₆" center to center



Universal Fork Stop mounts to triple tree. VT No. 24-0492









Raked Neck Kits include chrome cups, bearings, dust cover, stop tab and longer stem. Longer fork tubes required for installation. Fit 1991-05 FXD. VT No. Rake 24-0378 3° 24-1286 5°

"Raked" Neck Kit



Note: Rake Neck Kits are for Show Applications only and Require longer Fork Tubes to be installed.



Chrome "Raked" Fork Neck Cup Set replaces existing removable cups to provide 3° rake when installed. Kit includes chrome cup set, bearing set and dust covers. Kits 24-0292 and 24-0294 include longer fork stem and adapter to fit neck, but will not accept stock fork stem lock. 24-0292 and 24-0294 feature built in external fork

stop tab.		
VT No.	Year	Model
24-0283	1960-87	FXST-FXWG
24-0295	1960-87	FXST-FXWG
24-0292	1988-up	FXST,
	1990-up	FXDWG
24-0294	1991-05	FXD
10		24-126





Chrome Raked Neck Cups Only include bearings and races. A longer fork stem and longer fork tubes are required for installation on 1987-up Big Twin frames. VT No. Rake

24-0377 3° **24-1287** 5° **24-1268** 7°

Neck Cups with Stops



Chrome Big Twin Neck Cup Kit features built in fork stop on lower cup to accept 1988-99 FXST lower fork stem with integral stop. Kit includes chrome upper and lower cups with races, bearings and dust shields.

VT No. Item 24-0231 Cup Kit 12-0384 Bearing



Chrome Mega-Neck Cup Set features 1" inner diameter bearing set with large outer diameter on the outer race which will provide 1.68 times the radial capacity and 1.57 times the axial capacity of a conventional bearing. Kit includes chrome cups, bearings and races and two dust covers. VT No. 24-0300





Chrome Internal Fork Stop Kit includes pieces for complete installation on Big Twins, and custom frames which accept press in neck cups. Kit allows choice of turning radius of 35 or 45 degrees.

VT No.	Year	Model	Degrees	
24-0296	1936-87	Big Twin	35° and 45°	
24-0671	1988-up	Softail-FXDWG	45°	
*Note: Does not include races, bearings, neck cups.				





24-0121

Big Twin Neck Cup Assembly available as a complete kit which includes chrome neck cups with races installed and a

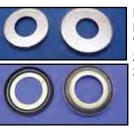


Chrome Smoothie Neck Cup Kit includes races, 1" bearings and dust cover set for Big Twins. VT No. Item 24-0322 Kit 24-1156 Upper Dust Cover 24-0112 Lower Dust Cover

> **Hex Neck Cup** Kit includes 1" neck bearing set. VT No. 24-0305



Fork Stem Bearings and Races. Order separately as noted. Sold as each. VT No. Type Fits 12-0335 Timken Bearing 1960-up Big Twin 12-0384 Peer Bearing 1960-up Big Twin 12-0348 Timken Race 1960-up Big Twin 12-0383 Peer Race 1960-up Big Twin



Dust Shield Sets include upper and Bearing Seal Set fits 1982-up XL

Fits

Bolt and Washer Set FLST-FXD-FXR

Stem Nut and Lockwasher

Includes lock washer.

Kit fits 1980-up FXWG-FXST.

FXST-FXDWG

FLST-FXD-FXR

lower for 1982-up. VT No. Finish 24-0117 Zinc 24-0114 Chrome models. VT No. 14-0174

Top Stem Nut and Cover Kit fits 1986-up

FXST-FLST, 1988-up FXR, FXD. Includes

chrome cover bolt and washer.

VT No. Item

37-0505 Kit

9976-2

37-0442

seals. Fits 1949-up FL and 1970-up FX



24-1460

Chrome Glide Acorn Nut is 1" x 24" available with shoulder for alignment in top tee. Fits 1948-up FL-FLH.

Fork Bearing Kit includes two tapered bearings and two

Shoulder Without Shoulder 37-0442 37-0443 7802-1 7009-1T 24-1460 Kit

24-0119

Item

24-0119 Cup Set, chrome

24-0122 Complete Kit

24-0121 Cup Set, zinc

24-1282 Bearing Kit

chrome top nut.

24-0253 Cup Kit

VT No. 24-0089

VT No.



Triple Tree Top Bearing Adjusting Nut for Big Twins. VT No. Years Model Finish 24-0278 1980-99 Softail Zinc 24-0667 2000-up FXSTD 24-0279 1980-up FLT Zinc 24-0926 2006-up FXD

Stem Nuts





9977-1 Chrome Cover

VT No.	Finish	ltem
8808-2	Black	Kit
8808-2T	Black	Kit
37-8138	Chrome	Kit
24-0197	Zinc	Kit
37-0597	Chrome	Nut
24-0185	Zinc	Nut
17-0924	Zinc	Lock
17-0954	Chrome	Lock

tab, 10 pack Lock tab, 10 pack



Cone Nut Spanner is used for removing and installing crenulated nuts and dust covers with internal thread. Fits 1948-59 FL. VT No. 16-1344





Custom Kickstand Assembly features full forged construction with chrome smooth contour design, including recessed mount screws for 1936-99 Big Twin, 4-Speed, 1984-up Softail models. Stock length.

VT No. 27-0253









Wyatt Gatling Big Twin Kickstand Assembly features adjustable leg and hidden spring. Mounting is by 3 bolts on left front frame boss. Fits 1984-99 FXST. VT No. 27-0670

Veld On Stands



Weld On Kickstand Assemblies feature chrome stand with hidden spring. Units fit <u>tube size as noted</u>.

VT No.	Size
27-0133	11⁄8"
27-0134	11⁄4"
27-1785	13⁄8"
27-0135	11⁄2"
27-0136	2"
27-0140	Stand Only
27-0683	Spring Kit





Weld On Kickstand Assembly includes weld on type heavy duty mount, chro spring and chrome kick stan

type heavy duty mount, chrome spring and chrome kick stand with forged flat end. **VT No. 27-0257**

Custom Kickstand



1980-99 WG-FXST Kickstand Assembly features chrome steel construction with hidden spring mechanism. **VT No. 27-0254**



Chrome Adjustable Hidden Spring Kickstands mount to years listed with twos bolts.

27-0144 installeo

VT No. Years Model 27-0143 1988-99 Softail 27-0144 2000-up Softail 27-0145 1982-94 FXR

27-0143

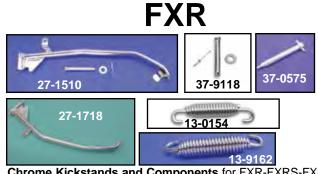






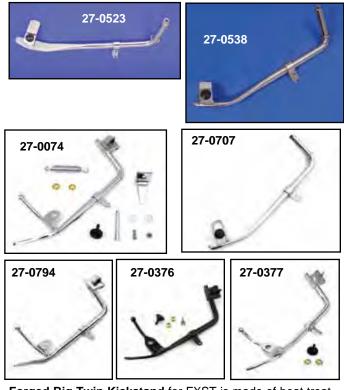
Chrome Custom Kickstand Kit fits 2-bolt mounting. Unit includes stand, spring, mount and tapered bolts. 27-0552 features hidden spring.

taroo maaon opinig.				
VT No. Years		Models		
27-0515	1986-99	Softail		
27-0557	1986-99	Softail		
27-0552	1986-99	Softail		



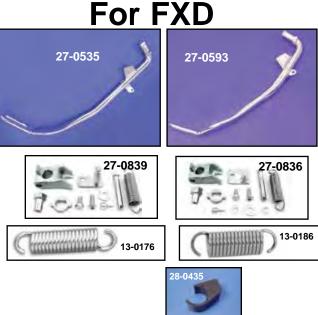
Chrome	Kickstand	s and Components for FXR-FXRS-FXLR
VT No.	Year	Item
27-1510	1982-90	Kickstand
37-9118	1982-90	Kickstand Pin
27-1718	1991-94	Kickstand
37-0575	1991-94	Kickstand Pin
13-0154	1982-90	Kickstand Spring, Chrome
13-9162	1991-94	Kickstand Spring, Chrome





Forged Big Twin Kickstand for FXST is made of heat treated steel and chrome featuring flattened base as original.

VT No.	Туре	Year
27-0523	Stock	1986-06
27-0538	1" Lower	1986-06
27-0707	2" Lower	1989-06
27-0074	Stock Kit	2007-up, Chrome
27-0024	Bushing	2007-up
27-0376	Stock	2007-up, Black
27-0377	Stock	2007-up, Chrome
27-0794	Stock	2007-up, Chrome
27-0835	1" Lower	2007-up
27-0024	Bushing	2007-up





1991-1997

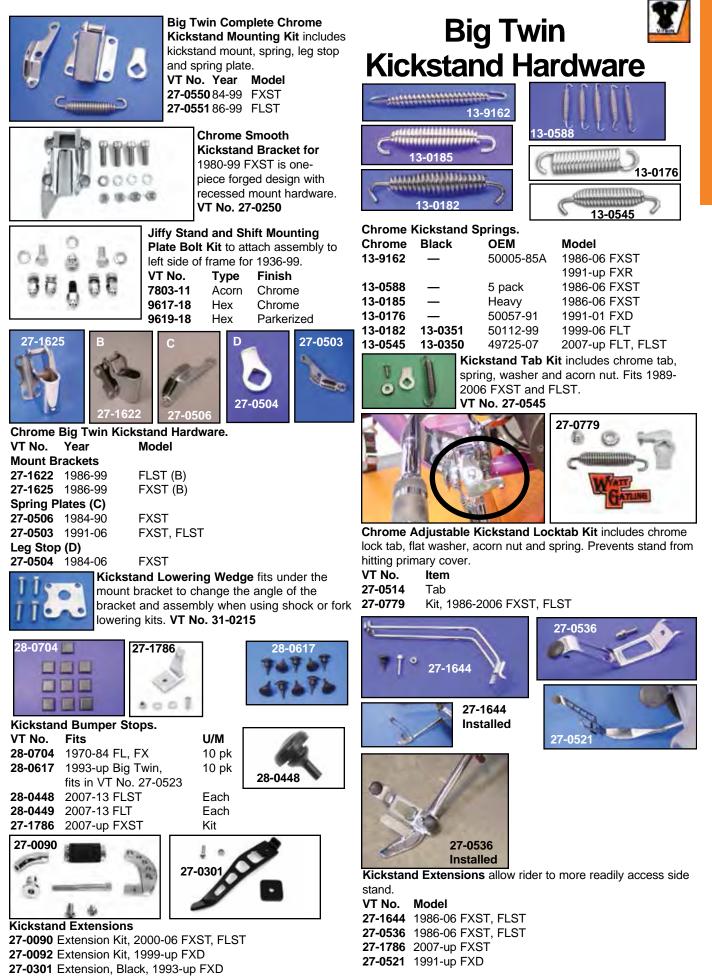
1998-up

1993-up

27-0836 Kit

27-0839 Kit

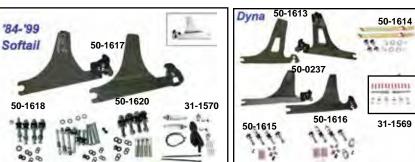
27-2102 Extension





Detachables





			6
Sissy Bar Tops fo	or both Rigid and	Detachable Side	Plates
11" Sissy Bar	Shorty	16"	Fitment
Min Low	Hand Rail	Sissy Bar	
50-1121	50-1122	,	2006-up FXST, FXSTB, FXSTS, FLSTFSE2, 07-later FXSTC, FLSTF, FLSTFB, FXSTSSE/2, FLSTSE/2/3
			and FLSTSB. 2007-later FXSTC, require separate purchase of Fender Mounted Seat.
50-0815	50-0819	50-0811	2004-up XL models with detachable side plates, 2006- later Dyna (except FXDF, FXDFSE/2, &
30-0013	30-0013	30-0011	2010 FXDWG, 1984 -05 Softail models (except FXSTD) & 2006 later FL Softail models (except '06
50.0040		50.0040	FLSTFSE2, 2007-up FLSTF, FLSTFB, FLSTSE & FLSTSB)
50-0816		50-0812	1982-2003 XL Models, 1991-01 FXD models, 1982 -94 FXR models.
50-0818			2006-later FXST, FXSTB, FXSTS, FLSTFSE2, 2007-later FXSTC, FLSTF, FLSTFB, FXSTSSE/2,
			FLSTSE/2/3 and FLSTSB models with appropriate sideplates. 2007-later FXSTC models require separate
			purchase of fender mounted seat.
50-0842	50-0843	50-0841	2002-05 FXD models equipped with either rigid or detachable side plates.
			Also fits 2004-later XL models with rigid sideplates.
Rigid Mount Side	Straps		Fitment
50-0844			2006-later FXST, FXSTB, FXSTS, FLSTFSE2, 2007-later FXSTC, FLSTF, FLSTFB, FXSTSSE/2,
			FLSTSE/2/3 and FLSTSB models with appropriate sideplates. '07-later FXSTC models require
			separate purchase of fender mounted seat.
50-0800			1997-99 FLSTS, 1984-99 FXSTC, FXSTS and 1998-99 FXSTB models.
50-0801			1986-99 FLSTC, FLSTF, FLSTN models (except FLSTS).
50-0802			1991-95 FXD Models.
50-0806			1982-94 FXR
50-0826			1996-05 FXD, and FXDL models (standard on 96-00 FXDS-CONV). Also fits 1999 and 2002-05 FXDX
			and 2001-05 FXDXT models.
50-0857			2008-13 FXDF and FXDFSE/2, 2006-08 FXDWG models.
50-0867			2009-up FXDWG
50-0858			2006-up FXD models (except FLD, FXDWG, FXDF and FXDFSE/2).
50-1556			1997-2008 FLHR, FLTR AND FLHX
50-1557			2009-13 FLHR, FLTR, FLHX
Detachable	Docking	Turn Signal	Fitment
side plates	Hardware Kit	Relocation Kit	i then
50-0271			1995-2005 FXD
30-0271	31-1352	_	2010-up FXDWG
 50.4642	31-1352	31-1569	•
50-1613			
	50-1614	31-1569	2006-up FXD, FXDC, FXDL, FXDSE2, 2006-2008 FXDB
50-0237		—	1993-2001FXD with Luggage Rack
—	50-1615	_	1993-2001 FXDWG
	50-1616	_	2001 FXDWG 2, FXDWG3, 2002-2005
50-1617	50-1618	—	1984-1999 Softail (except FLSTS)
—	50-1619	—	1984-1999 FLSTC, FXSTB, FXSTS, FXSTC,FLSTF. 1993-1999 FLSTN (and Bad Boy)
_	50-1620	—	1984-199 FXSTB, FXSTS, FXSTC,FLSTF, 1987-1999 FXST, FXSTS
_	_	31-1570	1984-1999 FXST, FXSTC, FXSTS, FLSTF, FXSTSB
50-1608	50-1610	31-1565	2000-2001 FXST, FXSTB, FXSTS, FLSTF, 2002 FXST, FXSTB, FXSTS, FLSTF, 2003-up FXST,
			FXSTB, FXSTS, FXSTSSE/2/3, FXSTC, FLSTF, FLSTFB, FLSTFSE2, FLSTSB, 2005-up FLSTN, FLST
_	_	31-1566	2002 FXST, FXSTB, FXSTS, FLSTF
_	50-1611	31-1567	2003-up FXST, FXSTB, FXSTS, FXSTSSE/2/3, FXSTC, FLSTF, FLSTFB, FLSTFSE2, FLSTSB
_	50-1611		2005-up FLSTN, FLST
_	_	31-1569	2005-2007 FLSTSC
50-1609	31-1568	_	2000-2002 FLSTC, 2002-2003 FLSTS, 2005-2007 FLSTSC, FLST with Heritage Saddlebags
_	50-1612	_	2003-up FLSTC, 2003 FLSTS, 2005-2007 FLSTSC, FLST with Heritage Saddlebags
_		31-1565	2000-2001 FLSTS
_	_	31-1567	2000-2001 FLSTS 2003 FLSTS, 2005-2007 FLSTSC, FLST with Heritage Saddlebags
_	_	31-1307	2000 FLOTO, 2000-2007 FLOTOO, FLOT WITTHEIRAYE Oduliebays

Luggage Rack







Chrome Sissy Bar Luggage Rack of solid steel fits all 16" tall sissy bars and has a unique design for easy installation or removal. Mount holes are 2%" center to center. May require drilling for some applications. VT No. 50-1011

Bolt On Luggage Racks mount to side straps of sissy bar as noted, A= RigidSide PlateB= Detachable Side Plate. Rack area measures 8.5" x 7.75".VT No.ModelType50-05882006-up FXDA and B

А

2000-up FXST 50-0589 2002-05 FXD





 VT No.
 Type

 47-1963
 Mini

 47-1964
 2-Button

 47-1972
 Smooth

 47-0457
 Buttoned

 47-0478
 Buttoned

 31-1987
 Brackets for Above

31-1987

mount to square stock sissy bars, Mini fits 12" bar, 2 button fits 16" bar. Chrome mount clamps included, black only.

Button Sissy Bar Pads



47-0457



Mini Back Rest in black features a stainless steel insert with chrome frame mounting system for short sissy bars. VT No. 47-0753 Sissy Bar Inserts mount with screws to cross bar. VT No. Type 50-0820 Chrome Maltese 42-0045 Brass Live to Ride, Skull 42-0156 Brass Live to Ride, Eagle

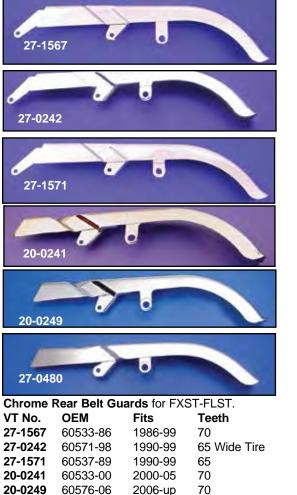


Fender Mount Sissy Bar Kit includes mount bracket and 81/2" grab rail, measured from top of fender, with chrome finish. VT No. 50-0503





FXST-FLST Belt Guard





60550-08

27-0480

2008-up FXWC Chain Guard fits 1984-85 FXST models with rear chain. VT No. 27-1575





Short Chrome Belt Guard fits 1986-99 FXST-FLST models. VT No. 27-1706 FXST Nerf Guard 1986-99. VT No. 27-0122

ST Full Belt Guard



VT No. 27-1588 Shown Installed Full Chrome Rear Belt Guard fits 1985-99 FXST-FLST. VT No. 27-1588 288



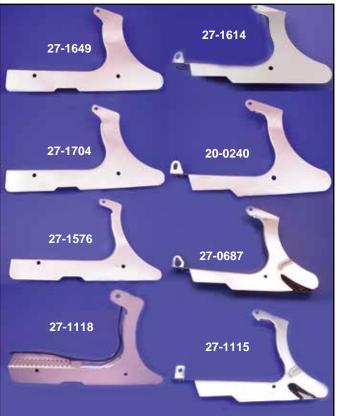
Chrome Belt Guard Kits include pulley cover with upper and lower belt guard for Softail models.

VT No.	Fits	Teeth
27-0157	1986-99	70
27-0158	1990-99	65
27-0159	2000-06 FLST Only	70
27-0161	2006 FXST Only	70
27-0160	2007-up FXST and FLST	66

FXST-FLST Upper and Lower Belt Guard Mount Kit.

VT No.	Item
27-0519	Kit 1986-99
27-0544	Kit 2000-up
28-0154	Rubber Grommet
12-0549	"Tee" Nut
37-0546	Acorn





Chrome Lower Belt Guards for belt drive 1986-up FLST-FXST models. **Note:** Pulley tooth size.

VT No.	OEM	Year	Teeth	Belt
27-1649	60394-90	1990-99	61	1.5"
27-1704	60389-97A	1989-99	65	1.5"
27-1576	60366-89A	1986-99	70	1.5"
27-1614	Louvered	1986-99	70	1.5"
20-0240	60316-00	2000-05	70	1.5"
27-0687	60317-06	2006	70	1"
27-1115	60655-07	2007-up	66	20mm
27-1118	60654-07	2007-up	70	1"

Softail Custom Belt Guard





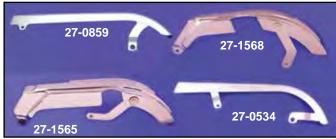


Shorty Chrome Upper Belt Guard for Softail models. Includes mounting hardware.

VT No.	Year	Belt	Model
27-0185	1986-06	1.25", 1.5"	FX-FLST
27-1116	2007-up	20 mm	FXST-FLST
27-1119	2007-up	1"	FLST
27-1120	2008-up	20 mm	FXST

Belt Guard FXR-FXB-FXD

61



 Chrome Rear Belt Guards for models listed.

 VT No.
 Fits

 27-1568
 1987-94 FXR-FXRS-FXLR

 27-1565
 1985-86 FXR-FXRS-FXSB

 27-0527
 1992-99 FXD-FXDL-FXDWG

 27-0534
 2000-05 All FXD models

- **27-0859** 2007-up All FXD models
- **31-0946** 2006-up FXD Bracket

27-1116 Installed







441120



Chrome Dress Up Kits fit FXD models. Kits include upper and lower belt guard with a chrome pulley cover.

9
9
5
р

Chrome Lower Belt Guard Covers for belt drive FXR-FXD-FLT models. **Note:** Pulley Tooth size.

27-0686

VT No.	Teeth	Model
27-1650	70/65	1991-05 FXD
27-1651	61	1991-05 FXD
27-0686	70	2007-up FXD



Chrome Lower Belt Guard.

Fits 1985-92 FXR with 70 tooth pulley. *Note: Designed to match 27-1568 upper belt guard. VT No. 27-1541* **BIG TWIN**

	t Fender		
50-6062	Raw Steel Fender fit 41mm FXST models, 4" wide for 21" wheels. VT No. 50-6062	50-0266	50-0265
	VT NO. 50-6062	Steel Front Fender fits 2006-u forks. VT No. Model	p FXDWG-FXD with 49 mm
50-0125 Installed	50-0125	50-0266 FXD 50-0265 FXWG	
and Painted			50-0199
All Fenders are Steel!	50-0126	50-0200	50-0201
		2000-up FXSTD Steel Front Fe VT No. Type 50-0199 Black Steel with chrom	
50-0114	50-0114	50-0200 Chrome 50-0201 OE, Primer	
			50-0878
21" tires only.	v braces riveted on. Fit 19" and	50-0764	Smooth Sides
1980-up Wide Glide and Soft VT No. Fender	tail Bracket		50-0876
50-0125 Plain	Chrome		
	Chrome Chrome hrome Fender Mounts are	50-0172	
er	50 thick to mount custom fend- s to Wide Glide forks. T No. 50-0579		
			50-0882
50-0133	50-0195	Fat Kid Steel Front Fenders fit VT No. Fits 50-0764 1986-99 FLSTF, 1980-	
50-0196		50-0878 1986-99 FLSTF, 1980- 50-0172 1980-99 FXWG-FXST 50-0876 2000-up FLSTF 50-0882 2008-up FXDF	-99 FXWG-FXST, Smooth
Universal Sport Style Front	50-0281 Fender is rolled on edge and in		
front. The brackets are not inc VT No. Type	luded.		
50-0133 Chrome (drilled)			

Note: All Items Shipped with a Raw Finish may have some oxidation (rust on surface)!

50-0195

50-0196

50-0281

Plain

Rib

Chrome

Glide and Springer Front Fender

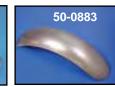


BIG TWIN



Front Fender and Bracket for 2008-up FLST SB. Sold separately. VT No. Item 50-0868 Fender 50-0864 Bracket



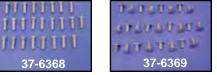


Plain Front Fender is 6" wide, to usewith 16" wheels less brackets.VT No.Type50-0769Flat50-0883Round



Front Fender Mount Kit attaches fender to original style assembly.

/T No.	Year	Model	Finish
0-1087	1986-up	FLST	Chrome
0-1085	1984-93	FXST	Chrome
0-1088	1994-up	FXST	Chrome
			with acorn nuts
7-0895	1980-up	FXST	Zinc
67-1011	1988-92	FLT	Zinc
0-0688	1993-up	FXSTS	



Replacement Fender Rivets fit all FL front and rear fenders, 25 pack.
VT No. Fits
37-6368 Fender Brace
37-6369 Fender Top



Stock Skirted Front Fender to fit 1997up FLSTS models. Replaces 59164-97. VT No. Item 50-1213 VT 50-0680 Bushings



50-0909 1980-up FXST-FXWG,

1973-up FX-FXR

Note: All Items Shipped with a Raw Finish may have some oxidation (rust on surface)!

Narrow Width

50-0794



Front Fender fits 35 & 39 mm Fork



Narrow Type Front Fenders for 35 or 39mm forks feature a raw or chrome steel fender with brackets riveted on to fit 19" wheels. 50-0122 fits 19" wheels on 1973-90 XLX models, 50-0164 fits 1973-up models with 21" wheel and 1991-up with 19" or 21" wheel.

 VT No.
 Finish
 Brac

 50-0122
 Plain
 Chro

 50-0136
 Plain
 Raw

 50-0123
 Chrome
 Chro

 50-0164
 Raw
 Chro

 Brackets
 VT No.
 Finish

 Chrome
 50-0165
 Raw

 Raw
 50-0191
 Chrome

 Chrome
 50-0889
 Raw

 Chrome
 50-1140
 Raw



50-1140 Raw Rear LTD Style Fender is designed with slotted mounting holes enabling it to fit most narrow forks. Features a raw finish with chrome barckets VT No. 50-0130

Brackets

Chrome

Raw

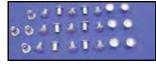
Raw



19" or 21" wheels. VT No. 50-0116 Chrome Stock Type Front Fender Braces are tubular style. Use on all stock front fenders 1973-up.

VT No. Item

50-0932 Bracket **37-6370** Stainless Rivets, 25 pk



Fender Rivets fit 1973-up FX-XL models, stainless, 25 pack. VT No. 37-6370

All Fenders are Steel!

50-1050



Front Fender stock type for 1970up FX-FXR, in raw steel, has chrome tubular type brackets riveted in place. VT No. Years 50-0789 1984-91 2531-12 Mount Bolts 37-6370 Stainless Steel rivets, 25 pieces





50-1049

Chrome Fender Tips in stamped, includes screws. Fits fender width as noted.

50-0915 28-0701	Eagle	5" 28-0702	FX
50-1049	Smooth	5"	FX
50-1050	Smooth	4"	As Above
50-1055	Eagle	4"	XLS
VT No.	Style	Width	Туре



Plain Rubber Mud Flaps. Stock type for front and rear fenders for Big Twin. VT No. Color

28-0701 Black 28-0702 White



Stainless Steel Fender Medallion with skull. VT No. 50-1137



Chrome Front Fender Allen Head

Screw Kit contains all the necessary screws for mounting front fender brackets to fender replacing the bracket to fork legs. Use on all 1973-up FX stock type front fenders. VT No. 37-6367

Note: All Items Shipped with a Raw Finish may have some oxidation (rust on surface)!

50-0932

FXDWG



Bobbed Rear Fender for FXDWG models. VT No. Year 50-0547 1996-01 50-0587 2002-05 50-0585 2006-09

All Fenders are Steel!

FXR







50-0585

Tail Lamp Bracket Kit VT No. ltem 31-0160 Stock Tail Lamp Bracket 31-4012 Cateye Tail Lamp Bracket 33-2018 Slice Tail Lamp Bracket Kit



FXR Stock Type Rear Fender fits 1981-94 FXR-FXRS models VT No. 50-0768

Bobbed Rear Fender for FXST



FXST Style Rear Fender Kit includes steel fender. chrome struts, chrome license plate bracket and tail lamp with hardware. Fits 1984-99. VT No. 50-0564

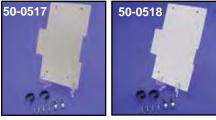


VT No. Item Year 50-0783 Fender 1984-99 50-0746 Fender 1986-99 50-0516 Fender 1997-99 50-0205 Fender 2000-05 2006-up 50-0849 Fender 50-0859 Fender 2006-up

Fits FXST FXST FXST FXSTC FXST FXST



9" Wide Steel Rear Fender Bobbed Style fits FXST struts when used on 1986-99 wide style frames for 200 series tire. Sold without holes. VT No. 50-0112



Rear Fender Extension for FXST-FLST to replace stock plastic extension. Flat panel design for 2000-07. VT No. Finish 50-0517 Stainless 50-0518 Chrome



Rear Fender Extension replaces stock plastic extension. Fits 1986-99 FXST-FLST.

VT No.	Finish	Туре
50-0515	Chrome	Curved
50-0737	Stainless	Flat Panel



Note: All Items Shipped with a Raw Finish may have some oxidation (rust on surface)!







50-0586









FLSTF Style Replacement fits FLST-FXST models. Accepts 33-0301 tail lamp. One piece design.

VT No.	Years	Туре
50-0782	1986-95	Replica
50-0593	2007-up	Replica
50-0594	2007-up	Plain





FXST-FLST Rear Fender Extension to replace stock plastic extension.

Finish

Chrome

Stainless

Stainless

Chrome

VT No. Years 50-0515 1986-99 50-0737 1986-99 50-0517 2000-up 50-0518 2000-up

Type Curved Flat Panel Flat Panel Flat Panel







Chrome Smooth Fender Tips fit FLSTF models.

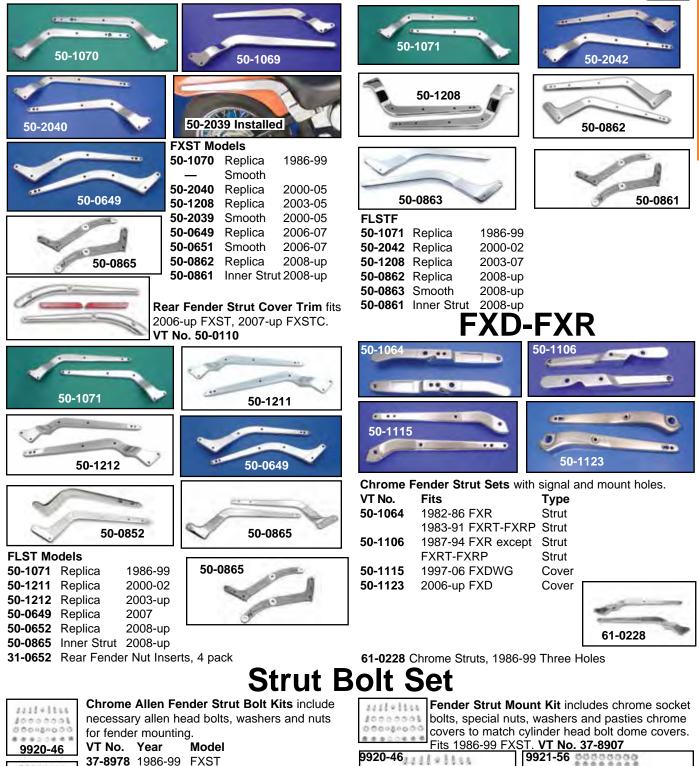
VT No. Туре Size 50-1118 Front 61/2" 50-1119 Rear 7"

FLST Replacement Rear Fenders. Can also be used on all 1986-up Softail models uses 33-0301 tail lamp and includes indent for turn signal bar. 50-0767 does not have tail lamp cut or indents for signal, for use with custom tail lamp.

VT No.	Year	Туре
50-0767	1986-99	Smooth
50-1021	1986-99	Replica
50-0586	2006-up	Replica

Note: All Items Shipped with a Raw Finish may have some oxidation (rust on surface)!

Strut for FLST models



9920-46 1986-99 Softail (Four hole strut)

2044-26 2000-up Softail models

to replace original hardware.

37-8978 1986-99 FXST Allen

2045-34 2000-06 FXST Acorn

VT No. Year/Model

(6 hole Strut)

Chrome Rear Fender Support Mount Kit

Style

2043-26 2000-up Softail models (Low Profile)

9921-56 1986-99

444111444

11000011

9921-46

3 5 5 8

15

1111

000000

2045-34

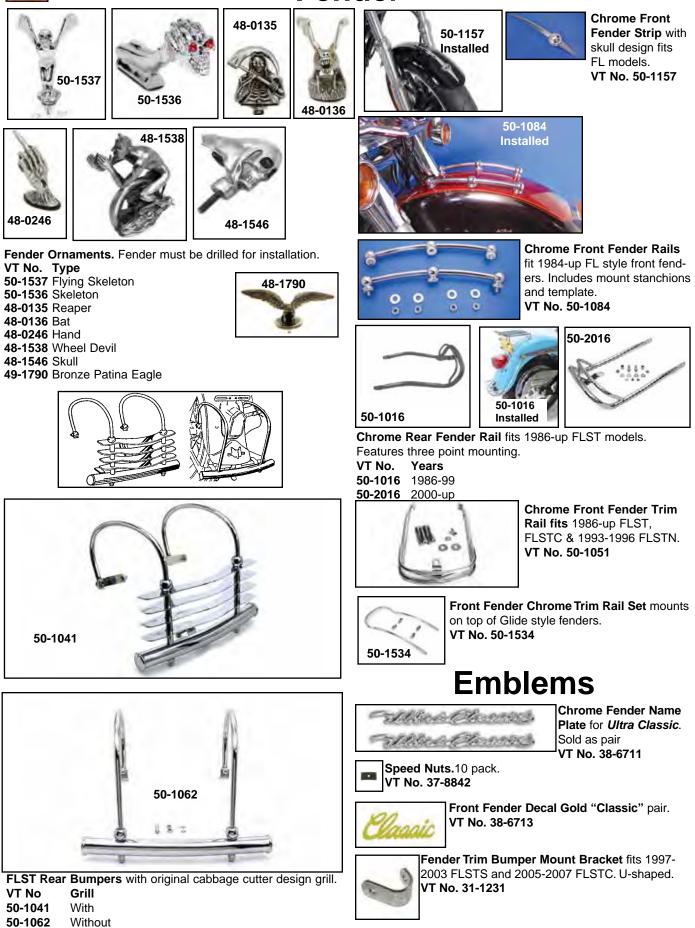
Fits 1986-99 F	-XSI. VI NO. 37-8907
9920-46	9921-56
10000001 000040000	1111111
****	22000022

Rear Fender Strut Chrome Mounting Kit are unique low profile allen hardware kits to mount struts to fender.

VT No.	Item
9920-46	Mount 4 hole struts on 1986-99 5-speed
	Heritage Softail and Fat Boy, pictured.
9921-56	Mounts 6 hole struts on 1986-99 FXST, FXSTC,
	FXSTS and Bad Boy.
2043-26	FX and FL Softail 2000-up except FX Deuce



Fender







Chrome Die Cast Fender Tips fit 1997-up FLSTS. VT No. Fits 50-0681 Front 50-0682 Rear 50-1214 Set (Front and Rear)



Lower Front Fender Trim includes screws except 50-1133 and 50-1015. Fits 1986-up FLST and 1980-13 FLT.

50-1133

Black 50-1221	Type Smooth Ribbed Ribbed, Note: 2014-up FLT Flamed Plain
	Plain Screw Kit



Chrome Eagle with Chrome Tip	Gold Eagle with Chrome Tip	Chrome Eagle with Black Tip	Gold Eagle with Black Tip	Style
50-1587	50-1588	50-1589	50-1590	Front
50-1591	50-1592	50-1593	50-1594	Rear

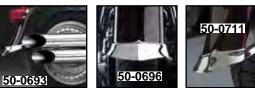
Chrome Tip with Black Skull	Black Tip with Chrome Skull	Style
50-1569	50-1570	Front
50-1571	50-1572	Rear

50-0957Replica Fender Side Trim Set fits 1982-up FLT, 1986-up FLST.VT No.ItemFinish50-0957Side StripsStainless50-0531Side StripsChrome37-8784T-Bolts

Fender Tip







Chrome National Tips. *Note: All are chrome cast excepted where noted.

VT No. Fits 50-0690 Front front 2002-13 XL, 1980-85 FXWG, and front back 1984-13 FXST, 1983 FXDG 50-0693 Rear 2001-06 FLST 2007-13 FLST 50-0696 Rear 50-0697 Rear 2004-07 FLH 50-0698 Rear 2006-12 FXST 50-0711* Rear 1990-97 FLSTF, 1997-05 FLSTS 50-1118 50-1119

Chrome Smooth Fender Tips fit FLSTF models.

VT No. Type Size 50-1118 Front 6¹/₂"

50-1119 Rear 8"

50-11182



Rear Fender Tips fit 2007-up FLSTF. VT No. Type 50-1182 Smooth

50-1182 Smooth 50-1183 Ribbed

37-8784

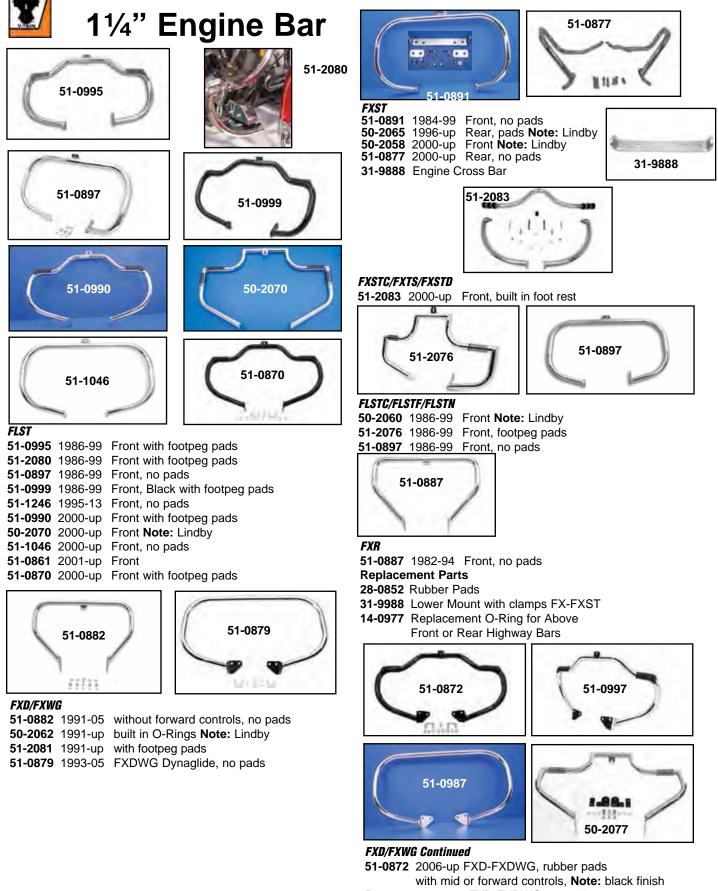


Chrome Front Fender Tips is stamped or smooth. Includes screws. Fits fender width as noted.

3010 103.1	no iciliac	width		ч.		
VT No.	Style	Width	Туре			
50-1055	Eagle	4"	FXWG	-FXST		
50-1050	Smooth	4"	FXWG	-FXST		
50-1049	Smooth	5"	FX			
50-0915	Eagle	5"	FX			
50-154	5	50-15 [,]	46	50-1	548	50-1549
1	-1		-			

Front Fender Lower Trim fits 2014-up FLH. Chrome Black Type 50-1545 50-1548 Smooth 50-1546 50-1549 Flame

:::



- 51-0987 2006-up FXD-FXDWG, no pads with mid or forward controls
- 51-0997 2006-up FXD-FXDWG, rubber pads with mid or forward controls
- 50-2077 2012-up FLD (Switchback), rubber pads Note: Lindby

FOR ENGINE BARS LISTED ON THIS PAGE WARNING: THESE ENGINE/FRAME BARS MAY PROVIDE LIMITED LEG AND COSMETIC VEHICLE PROTECTION UNDER UNIQUE CIRCUMSTANCES (FALL OVER WHILE STOPPED, VERY LOW SPEED SLIDE). THEY ARE NOT MADE NOR INTENDED TO PROVIDE PROTECTION FROM BODILY INJURY IN A COLLISION WITH AN AUTOMO-BILE OR ANY OTHER OBJECT.





AEE Series Shock Sets are nitrogen charged with multi stage dampening and adjustable spring load. All shocks are measured eyelet to eyelet and feature chrome springs and caps with black body. *Note: Denotes stock length.

 Fits
 11"
 11.5"
 1

 1983-94
 FXRT
 54-0020
 54-0021
 5

 1984-94
 FXRD
 54-0020
 54-0021
 5

 1987-94
 FXRS-FXLR
 54-0020
 54-0021
 5

 1991-08
 FXD
 54-0135
 —

11"	11.5"	13	13.5"	14.25	
54-0020	54-0021	54-0023*	54-0024	54-0025	
54-0020	54-0021	54-0023	54-0024	54-0025	
54-0020	54-0021	54-0023*	54-0024	54-0025	
54-0135	_	_	_	_	

Shock Lowering Kit







Black Rear Shock Lowering Kits lowers rear frame area. Includes instructions, hardware and black brackets.

VT No.	Fits	Lo
54-0513	1991-99 FXD	1"
54-0533	2000-05 FXD	1"
54-0537	2006-up FXD	1"





FXD Shock Set



1" Lower Shock



Chrome FXD-FXDWG Shock Set will lower bike 1". Center to center distance noted.

VT No. Year 54-0164 1993-05 54-0168 2008-up

Length 11.5" 12"





Lower Shock Stud Kit includes two nugget nuts and two

studs.			
VT No.	Year	Model	OEM
54-0431	1982-94	FXR-FXRS	1614
9986-8	1991-up	FXD	3958
28-0231	1982-94	FXR	Bushing, pair
Upper			
54-0208	2008-up	FXDF	





 Shock Tools.

 VT No.
 Model

 16-0409
 1979-96 FXR

 16-0100
 1990-up FXD





 Chrome Upper Shock Stud Covers.

 VT No.
 OEM
 Fits

 54-0514
 57408-88T
 1982-94 FXR

 54-0519
 54341-96
 1991-99 FXD

Mount Studs not included with shock sets.

Warning: Installing a lowering kit or shorter shocks will decrease initial ground clearance. The motorcycle will be lower to the ground and care should be taken to avoid bottoming, especially over bumps or in turns.



Shock for FXST-FLST

37-0475

FLST-FXST Shock Stud Kit includes 4 bolts and 4 washers.

Shock Tool

and 79-up FX-XL.

VT No. 16-0954

1989-up Softail Shock

Tool for use with 3/8"

ratchet drive.

VT No. 16-0917

Dual Shock Tool fits 1989-up FXST

Year

1989-99

1989-99

2000-up



Finish

Chrome

Chrome

Zinc

VT No.

37-9090

37-0572

37-0475

Chrome Billet Shock Sets fit 1989-99 Softail models. Smaller diameter allows more clearance for custom installation. VT No. 54-0131

Mount Studs not included with

shock sets



AEE Chrome Adjustable Shock Assemblies feature full chrome finish with up to 11/2" lowering capability. VT No. Years

54-0161 1989-99 54-0162* 2000-up *Note: These do not lower the motorcycle, these are standard Softail shocks



Adjustable Chrome Shock Sets for Softail models. Order bolt kit separately.

Item

.

VT No. Year 54-0105 2000-up 37-0476 1989-99 37-0475 2000-up

Finish Shock Set Chrome Bolt Set Bolt Set

Softail Shock Spanner replaces 94555-89. VT No. 16-0748

Lowering Kit for Softail



E-Z Adjustable is fully adjustable shock link for Softails. Left hand threaded design allows adjustments in small increments from stock to the drop of your choice. Adjustment is accomplished with open end wrench. Shock must be disassembled. Fits OEM and aftermarket shocks.

VT No. Year 54-0433 1984-88 54-0434 1989-99



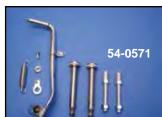
Adjustable Softail Shock Mount is for all 2000-up models. Installs on the stock shock and offers easy adjustment from stock ride height to two inches lower. VT No. 54-0535

Mount Studs not included with shock sets.



Lowering Kit allows 1.5" lowering. Fits 2000-up Softail. VT No. Brand 54-0520 AEE 54-0538 ET





"Full" Lowering Kits include components to lower the front and rear of Softail models. Each kit includes shorter damper rods, 1" shorter kickstand and adjustable rear shock lowering set. The front of the FXST is lowered 2.5" and 2" on FLST models. Rear is adjustable up to 1.5" on 2000-06 models and up to 2" lower on 1989-99 models, using stock shocks.

Year
1989-99
2000-06

Rear Shock



All shocks are measured eyelet to center of eyelet.

Mount Studs not included with shock sets.

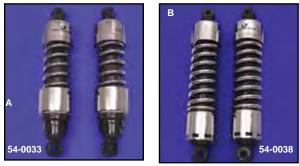


Progressive Suspension

Progressive Suspension 440 Series Chrome Shocks feature two rebound damping circuits and are available in standard for the average single rider, heavy duty for touring or carrying passengers.

Model/Year	11.0"	11.	5"	12	.0"	12.	5"	13.	0"	13	.5"
	Standard	Standard	Heavy	Standard	Heavy	Standard	Heavy	Standard	Heavy	Standard	Heavy
			Duty		Duty		Duty		Duty		Duty
FXR-FXRS-	54-4005	54-4006	54-4011		54-4050	54-4007	54-4001	—	<u> </u>	54-4009	54-4003
FXLR											
1982-94											
FXD-FXDWG	-	54-4052	54-4053	54-4036	54-4044	54-4038	54-4048	54-4039	54-4051	-	—
1991-up											

Warning: Installing a lowering kit or shorter shocks will decrease initial ground clearance. The motorcycle will be lower to the ground and care should be taken to avoid bottoming, especially over bumps or in turns.



Progressive Suspension 412 Series Chrome Shocks are manufactured from the finest material available. Magnum 412 Series shocks are nitrogen charged with six-stage automatic damping and an adjustable spring preload. Available with chrome spring and end caps, shock cartridge is not chrome. All shocks are measured eyelet to center of eyelet.

#	Year/Model	11.0"	11.5"	12.0"	12.5"	13.0"	13.5"
В	91-up Dynaglide	54-0061**		54-0060**	54-0038*		
	Note: A						
Α	83-94 FXRT	54-0093	54-0033		54-2000	54-2001*	54-2002
Α	85-94 FXRD	54-0093	54-0033		54-2000*	54-2001	54-2002
Α	87-94 FXRS, FXLR	54-0093	54-0033		54-2000	54-2001*	54-2002
**	a. Davastaa ataali lawatha aha	als M/la and in a tall	ter er ette ein tie ein	at a shi la a site a la	a also then to fam.		manual la a

*Note: Denotes stock length shock. When installing other than stock length shocks, tire to fender clearances must be checked.

**Note: Fender on FXDWG must be modified. Per instructions.

Note A: 1991-92 Dynaglide have 12" stock shock length; 1993-04 except FXDS-CON have 12%" stock shock length.



Caution: Not intended for use as a ride off stand.

Chrome Adjustable Display Center Stands show your bike with single

lever on left side and allows bikes to be lifted up on stand. Very little effort required. Entire assembly fits neatly under frame rails. Two bolt installation.

VT No. Fits

16-1521* 1992-07 Softail **16-1522*** 2008-up Softail ***Note:** With adjustable height



Products



16-1521 Installed



Swingarm Components for FXR



Swingarm Mounting Kit includes two bushing assemblies, two spacers, two plastic retainer rings, two rubber isolators and pivot shaft with locknut and all parts required to mount transmission and swingarm to pivot block. Will work with stock or aftermarket rubber mount swingarm frames for 1982-94 FXR models.

VT No. 44-2044







44-2041

31-0443

31-0444



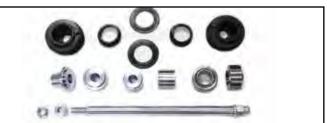
44-1984

44-1991

FXR Swingarm Rebuild Parts				
VT No.	OEM	Year	Item	
44-2044	Kit	1982-94	FXR	
44-2039	47510-80	1987-97	Plastic Retaining Ring	
44-2040	47511-80	1987-94	Spacer	
44-2041	47513-80	1987-94	Nylon Washer	
31-0444	47538-79	1982-94	Bushing Ring	
31-0452	47556-81	1982-94	Bushing Assembly	
31-0443	47564-86A	1987-94	Mount Bushing, each	
44-2042	47491-89	1989-94	Cupwasher, 5 pack	
44-1991	47492-89A	1989-94	Shaft	
44-1984	4 <u>7515-82</u> A	1982-88	Shaft	
		-		



Nylatron Swingarm Bushing Kit is a four piece bushing set replaces swingarm bearings and stabilizes swingarm rubber mounts. Order pin separately. Order (31-3986 or 31-0443) frame mount bushings separately. VT No. 44-0671



1982-94 FXR Kit. All are pieces included for ease of installation. Updated Design.Rubbers included. Controls lateral and torsional movement at pivot point.Close tolerance updated spherical bearings included

VT No. Item 44-0941 Kit

44-0960 Spacer Set



Iso-Mount Swingarm Pin Kit includes Iso sleeves, pin and side bushings for 1993-2010. VT No. 44-2063



FXR Rear Axle Adjusters include heavy axle pull blocks and chrome end caps with allen screws, for 1982-94. Chrome pivot covers also available.

VT No. Item 44-0583 Adjusters

42-0030 1982-89 Pivot Cover Set





V-Twin[™] **Replica Frame**

pivot.



TWIN BIG

FXST-FLST Replica Frame is an authentic reproduction of 1987-99 model. Details include forged parts in neck, front/rear motor mounts and rear strut bars. Formed stampings which have been accurately blanked and pressed are used in the top motor mount and seat area. This frame accepts the 1340 Evolution or TC-88 "A" Engine, 5-Speed rigid mount transmission and all primary related drive components from 1987-99 Softail models. VT No. 51-0964 rear frame section and 1984-99 flat side style gas tanks. Neck includes tab for pad lock and 17 sequence number boss. VT No. Туре

51-1005 Evolution 1340 TC-88 51-1019

The Construction of the V-Twin[™] Frame



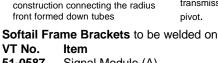
Rear Strut Arms are of forged construction with all holes machined to accept stock components.

Forged Neck gives the authentic look and strength to this replica. Neck includes raised number boss and fork lock tab.

Softails.

VT No. 51-0785





Front Motor Mount Bar is of forged

51-0587 Signal Module (A) 51-0583 Circuit Breaker (B)



Right Side shows forged rear motor/front transmission mount and front shock mount



FXST Front and Rear Frames. Accepts flat side gas tank. Order neck cups, rear frame (includes bearings), shocks and hardware separately.





51-0785

Neck Lock Tab welded on 1965-84 Big Twin frames. VT No. 51-0517

Chrome Center Frame Post fits 2007-up

- VT No. Item
- 51-0965 1987-99 Front Frame, Evolution 5-Speed use stock transmission plate or 17-9999 51-0529 **Clutch Cable Bracket** 37-9090 Shock Bolt Kit 24-0253 Neck Cup Kit for Above

Frame Covers for Softail

51 -0965



Chrome Rear Frame Covers contoured to fully cover rear castings on 1986-99 FXST-FLST Softail frames. Covers are securely fastened by bolting under rear strut arms, foot peg bolts, swingarm pivot bolts and fastens on lower right under muffler bracket. VT No. 42-0001



Chrome FXST-FLST Full Frame Covers fit frames 1986-06 to cover frame casting and pivot bolt head. Top fits under strut and is held on by the footpeg mount bolt. VT No. 42-0727



Chrome Softail Rear Frame Covers bolt on to cover axle adjuster area on all 1986-99 Softail frames. Hardware and instructions included.

VT No. 42-0034



with double-sided adhesive on back. VT No. Year 42-0038 1987-06 42-1531 2007-up



Chrome Frame Insert Set covers area on neck of Big Twin frames 1948-Early 88 with key lock. Easily attached with adhesive pads provided. Available in pairs.

VT No. 42-0056



Chrome Tail Spurs dress up rear castings on 1986-99 FXST-FLST models. Contour steel covers fit behind adjusters to protect paint when axle is removed. Adjuster nuts supplied.

VT No. Item 42-0676 Spurs Adjuster Kit 44-0545



200 Wide Swingarm Kit for Softail





Wide Drive Swingarm Kit maintains the engine center line with a 1" offset given to the transmission and primary drive. Requires use of 9" wide rear fender after cutting off stock strut bars on frame. Fits 2007-up Softail. Kit includes the following swingarm, splash guard, rear axle/spacers,fender strut bars, motor sprocket, transmission plate, pivot bolt, pivot bearings, primary spacer ring and hub spacers. VT No. 51-2057



Wyatt Gatling Customizer Wide Drive FXST Frame manufactured from 1¼" diameter tubing with a 34° neck rake, 2" stretch in downtubes and 1½" stretch in backbone. Frame accepts a 200 series tire with belt by use of ½" offset kit, FXST oil tank and FXST flatside gas tanks. Frames include rear swingarm, radius style fender struts for 9" fender, front oil tank mount and rear axle.

VT No. 51-2055



Wyatt Gatling Wide Wrap Around Oil Tank are 14" wide for custom wide rigid. Available raw finish. Feature top Iso mount design. Mounting hardware included. VT No. 40-0677



200 Series Rear Tire Kit fits 1987-99 Softails. Includes all parts pictured using a rear chain drive system to install the 200 x 18 Avon Tire. Requires removal of

rear frame strut bars to install fender. Includes: 5.50 x 18 rear wheel, chain guard, front sprocket, rear sprocket, splash guard, gasket kit, front sprocket nut kit, rear sprocket bolts and axle spacers. Order 9" wide strutless fender separately.

 VT No.
 Item
 Item

 51-0658
 1987-99
 Kit

 50-0216
 Fender

 50-0251
 Fender





Replica Swingarm Frame features low seat area to be used stock type seats and wrap around style oil tank or stock type square oil tank. Low seat are frames use oil tank 40-0412 for kick start or 40-0408 for electric start. Chain drive frames use 51-0907 swingarm, belt drive type use 51-2149. 51-2169 uses flat side 1984-99 type tank set.

VT No. 51-2169

Offset Components

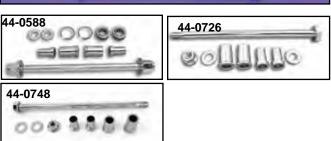
3	Set.			\bigcirc		
24T Sprocket	25T Sprocket	Nut Set	Trans Plate	Motor Spacer	Offset	
_	· -		—	19-0568	.25"	
—	-		17-6661		.437"	
—	-		19-0560	19-0561	.5"	
19-0104	-		—	19-0569	.75"	
19-0105	19-0161		—	19-0570	1.0"	
19-0106	19-0162	19-0576	—	19-0600	1.125"	
—	-	19-0577	—	19-0601	1.5"	
0.5114			—	I —	1.175"	
Solid Mount Sprocket without	compensator	For use with compensator components	—	19-0603	2"	



Rear Frame Chrome Section. Order pivot kit separately. For 2000-05 FXST and 2000-07 FLST VT No. OEM Finish Brand

• • • ••••		1 111011	Brana	
51-0978	48442-00	Chrome	V-Twin	
For 2006	-07 FXST			
44-0588	Pivot Kit	Chrome	V-Twin	
For 2008	-up FLSTF			
51-0848	47573-08	Black	OE	
44.0700				1





Chrome Softail Pivot Assembly includes shaft, nut and spacers. VT No. Item Year

 VT No.
 Item

 44-0739
 Flush Mount Shaft

 44-0588
 Complete Kit

 44-0726
 Shaft Kit

 44-0748
 Shaft Kit

2000-06 2000-06 2000-06 2008-up



Chrome Plated Rear Fender Strut Mounting Kit is a unique low profile allen hardware kits used to mount struts to fender. Fits FX and FL Softail 2000up except FX Deuce. VT No. 2043-26

Chrome Rear Swingarm & Shock Assembly



Chrome Rear Swingarm and Shock Assembly fits Softail models. Includes chrome tail section, adjustable shocks with 1" lowering capability, chrome axis tube with tapered allen screws and chrome shock mount bolts.

VT No. Year 51-0651 1986-99 51-0652 2000-05

2000-up Softail Rear Swingarm





2000-up	Swingarm	Hardware.
VT No.	OEM	ltem
44-0608	47610-00	Chrome Pivot Shaft
44-0623	45048-00	Bushing, pair
44-0624	48049-00	Spacer, pair, 2000-06
44-0625	9270	Bearing Only, 2000-up
44-0588		Rear Pivot Kit
44-0663	47119-02	Pivot Kit
44-0626	11282	Retaining Ring
44-0627	6535	Left Side Pivot Washer
44-0629	6534	Right Side Pivot Washer
42-0686	43462-00	Dome Cover Set
37-0960	7479	Nut Only

Softail Rubber Bumper for 2000-up replaces 11514. VT No. 28-0587



Pivot Spacer Sets fitSoftail models (4 piece).VT No. YearFinish44-0710 2000-06 Zinc44-0712 2007Zinc44-0711 2008-up Zinc



FXST-FLST Rear Fender Extension to replace stock

plastic extension. Flat panel design for 2000-10. VT No. Finish Year 50-0517 Stainless 2000-07 50-0518 Chrome 2000-07 50-0522 Stainless 2008-10

Upper Swingarm Covers fit 2001-07 Softail models. Bolt on to cover welded area. VT No. 42-0378











Steel Ski	d Plates replace 24490-36. Fit 1936-99 Big Twins.	
VT No	Finish	
42-0101	Chrome	
42-0098	Stainless	
42-0117	Black	
42-0777	Chrome	٦.



1987-99 Softail Rear Swingarm

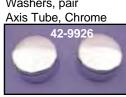


Chrome Rear Pivot Kit. Fits 1987-99 FXST-FLST. Order hard-ware separately.

VT No.	#	OEM	ltem
44-0585	A, B, C, D	Kit	Kit
44-0584	А	9076	Beari
12-9910		11156	Snap
37-8824	В	4961	Таре
54-0438		7142	Lock
37-8896	С	43283	Wasł
44-2000	D	48031-89A	Axis

Kit Bearing Kit, two pieces Snap Rings, 10 pack Tapered Allens, pair Lockwasher for Above Washers, pair Axis Tube, Chrome





FXST Pivot Bolts and Covers fit 1986-99 Softail. Covers are available in chrome dome or reflectorized. Allen cap screws replace existing bolt. Pairs.

VT No.	Туре
37-8824	Chrome Tapered
51-0971	Chrome Stock
54-0438	Lockwasher for Above
42-9926	1986-99 Chrome Dome
8940-2	1986-99 Red Reflector
8939-2	1986-99 Amber Reflector

Item Allen Bolts Hex Bolts

Cover Cover Cover



1991-99 Softail Wide Right Side Drive Swingarm in conjunction with parts listed allows use of 280-300 rear tire with a 1.5" belt. Swing arm is 2" longer than stock Softail tail section includes adjuster and 1" axle.

VT No.	Item
51-0705	Wide Swing Arm
20-0375	70 T Pulley
50-0242	Strutless Fender
31-0879	Fender Tabs
20-4010	Belt, 1.5 x 136T
51-0633	Weld On Caliper Mount
50-0583	Strut Set

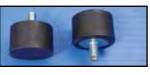
Fit and space curved strut set, 50-0583, to stock Softail style frame. Allows use of 11" fender, swing arm, 51-0705 swing arm, 280 x 18 Metzler tire and GMA brake pulley combo, 23-4537, and 1.5" belt.



Chrome Rear Frame

Section for Softail models. Includes the pivot bearings installed.

VT No. OEM Years 51-0969 49231-97 1989-99 44-0585 Pivot Kit 1987-99



Bumper with ¼" x 20 thread. Replaces 11451, pair. VT No. 28-0550 1989-99 FLST-FXST Shock Stud Kit includes 4 bolts replacing 4074 and 4

FXST-FLST Frame Rubber

washers replacing 6724W. VT No. Finish 37-9090 Zinc

37-0572 Chrome



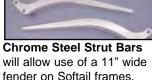
Rear Fender Extension to replacestock plastic extension. Fits 1986-99FXST-FLST.VT No.FinishType50-0515ChromeCurved50-0737StainlessFlat Panel





Pike Swingarm Pivot Bolt Set includes chrome pike nuts and studs for 1989-99 Softail models. VT No. 37-0330





fender on Softail fran VT No. 50-0583







306

For FXD-FXDWG Swingarm





	The ownigatin result in a root up by haging			
	VT No.	#	OEM	Item
	44-0555	A	J	1991-99 Complete Kit
0	44-0605	A	J	2000-05 Complete Kit
\mathbf{O}	44-0790			2006-up Complete Kit
	37-8661	А	534	1991-99 Cotter Pin
B	37-0564	В	7734W	1991-99 Nut
	14-0515	С	11139	1991-up O-ring
124	44-0590	D	41585-90	1991-up Dust Shield
	12-0360	Е	47082-81	1991-up Bearing Assembly
44-0555	44-0591	F	47496-90	1991-up Spacer Left Hand
	44-0592	G	47499-90	1991-up Spacer Right Hand
	44-0593	Н	47565-90	1991-99 Washer
\neg (O'	44-0594	Ι	47624-90A	1991-up Bushing
	44-0595	J	47817-90	1991-99 Pivot Bolt
	44-0606	J	47817-00	2000-up Pivot Bolt
	44-0758	J	47641-06	2006-up Pivot Bolt



2006-up Chrome Peg Mount Set fits FXD-FXDWG models. Order male pegs separately.
VT No. Item
27-0858 Mounts Stock Height
27-0861 Mounts, Raised Height
27-1232 Peg Set

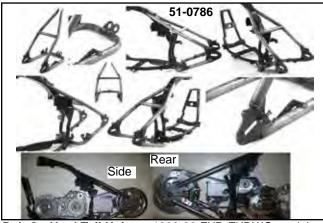




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44-0605

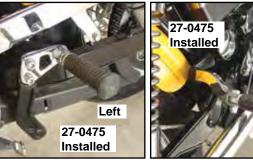




Bolt On Hard Tail Units to 1990-98 FXD-FXDWG models. Use stock rear wheel or fit up to 200mm width. Order battery box separately. Bottom attaches to swingarm pivot point to aid in alignment.

VT No. 51-0786

Note: Attachment points, we recommend installation be completed by a qualified technician.







1994-05 Rear Footpeg Mount Kit includes right and left bracket. Order pegs separately.
VT No. Item
27-0475 Mount Kit Only
27-0439 Mount Kit with pegs



1990-up FXD Driver Footpeg Mounts Set VT No. 27-0804



Maxx-shot Softail Exhaust Set features 1¾" headers with full coverage 2¼" form fit chrome heat shields. Fits 1986-06 FXST and FLST with or without footboards. Includes mounting bracket and removable baffles. VT No. 30-0318

30-0318 shown with full coverage heat shields.

end caps





Includes full coverage heat shields and chrome

30-0517

includes full

and chrome

coverage heat shields

end caps



Radii Exhaust Sets feature "Quad Finishing" which includes triple dura nickel and chrome as the final finish. After chrome plating, pipes are normalized and dried @572° F for the final finish process.

Full Coverage Formed Heat Shields Included!



Softail Short Stuff Pipe Set features 1³/4" headers with full coverage 2¹/4" heat shield set. Fits 1986-06. VT No. 30-0517



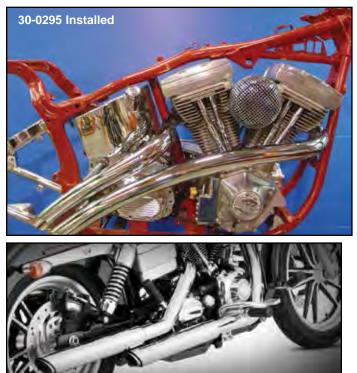
Six-Gun Pipe End Set. Wyatt Gatling's end tips fit pipes with 2¼" full coverage heat shields over 1¾" pipes.

VT No. 30-0576



Important Note: Some items on this page may be emission-related parts subject to California or other emission control laws. Please see note on page 71 for important information regarding emission control regulatory compliance and warranty information.





Vance & Hines 3" Round Twin Slash Slip-On Mufflers feature muffler bodies shielded by full-coverage heat shields for a blue look. Increase performance with a throaty growl. Include louvered core baffles. Sold in pairs. Fits 2007-10 FXST, FLST.

VT No. 30-1582



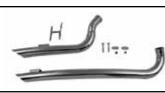
2" Drag Pipes are 40" long.
VT No. Mt. Bkt Fits
30-3370 Included 2000-06 FXST-FLST
*Note: Mount bracket required for 1991-94 models only.
1995-up bolts to stock mount.

Note: Radii Exhaust Set features "Quad Finishing" which includes triple dura nickel and chrome as the final finish. After chrome plating, pipes are normalized and dried @572°F for the final finish process.



2" Exhaust





Chrome Radii Pipe Set features full curve with 2" outside diameter for Softail models in Rigid or Softail frame. Bracket included. Fits 1984-06. VT No. 30-0295



Pirate 2" Curve Pipe Set fits 1986-06 Softail/Evolution and TC-88. VT No. 30-0320







Exhaust







OD

2"

2"

1¾"

1¾"

Chrome Stack Radii Pipe Set fits left and right side drive,

Double D Slip-on Mufflers bolt to stock head pipes and feature doublewall performance, 11/2" baffles and have the same diameter as stock. Sold in head pipe

Double D S-Bends feature S-bend rear pipe and parallel slash cut ends.

SLIP-ONS

Finish

Black

Chrome Radii

Brand

Wyatt Gatling

<u>Nouble N</u>

30-0543

Chrome Wyatt Gatling

Chrome Wyatt Gatling

Year

1986-up

1986-up

1986-up

2004-up

Before Starting Engine wipe all fingerprints off exhaust pipes after installation. Oil from hands will leave permanent marks on chrome finish.







Wyatt Gatling Drag Pipe Set Down Type fits 1986-up FXST. Chrome Black O.D. 1¾" 30-0722 30-0735 2" 30-0460 30-0464 21/4" 30-0544

Evolution

TC-88



Pipe Bracket mounts to cam cover on Evolution and TC-88 models for 30-0544. Hardware not included. VT No. 31-0894 Model Hardware

(2) None (2) 1/4 2 20 x 2 1/2 (2) 37-0404 3/4

Oxygen Sensor Sealing Washer VT No. Year Size 15-0081 2006-10 18 mm 15-0012 2011-up 12 mm



30-2024

VT No.

30-2002

30-2003

Important Note: Some items on this page may be emission-related parts subject to California or other emission control laws. Please see note on page 71 for important information regarding emission control regulatory compliance and warranty information.



VT No. Type

30-0460 Down

30-0464 Down

30-0469 Down

30-0722 Down

30-0543 Installed

1985-2006, 21/4".

VT No. 30-0543

Double D Kickers. VT No.

for smooth look. VT No.

30-2000

2000 FLST Softail

Fits

Fits

Fits

1986-99 FLST/FXST

1999-05 FXD

1986-99 FLST

2000-06 FXST



Radii Exhaust Sets feature "Quad Finishing" which includes triple dura nickel and chrome as the final finish. After chrome plating, pipes are normalized and dried @572° F for the final finish process.



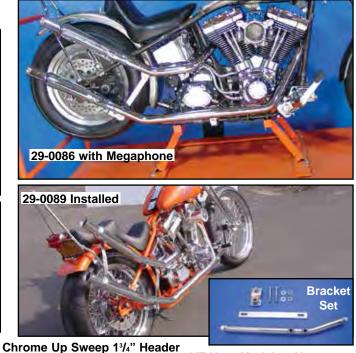


FXST Fish Tails are chromed with upsweep in 1¾" diameter for Evolution and TC-88 models. Baffles not included
VT No. Year
29-1131 1986-99
29-0500 2000-06



2" Side Sweeper Exhaust Pipes fit 5 and 6-Speed 1986-up FXST models without footboards. Pipes have oxygen sensor ports with plugs which can be removed for 2007-up models to install sensors. VT No. 30-0792

Upsweep Exhaust



Chrome Up Sweep 1³/₄" **Header Sets** will accept straight fishtail extensions or mufflers which must be purchased and mounted separately for Softail or Rigid frames.

VT No.	Model	Year
29-0086	Evolution	1984-94
29-0089	Evolution	1995-99
30-0589	TC-88	2000-06



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Monster Drag Pipe 2¹/₄"

Radii Monster Drag Pipes feature 21/4" outside diameter and mount to stock brackets. Fits 1986-06 Softail models. Order baffles separately. Black end cap fits straight cut end pipes, by drilling 1/4" mount hole. Order 30-0452 end caps separately.

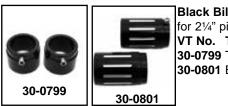
VT No.	Fits	-	-
30-0550	Down Slash Stretchers		
30-0551*	Straight Cut		
30-0552	Down Slash, Shorty		
30-0578	Down Slash, Longs		
30-3336	Drags		
30-0556	Side Cut		
30-0953	Shotgun		
30-0579	Side Slash, Shorty		
31-0016	Bracket		
*Note: Does not include mounting hardwa			

Note: Does not include mounting hardware.









Black Billet Tips for 21/4" pipes. VT No. Type 30-0799 Tapered 30-0801 Ball Milled







30-0552 Installed



30-0461 TIP CAP SET, BLACK



Important Note: Some items on this page may be emission-related parts subject to California or other emission control laws. Please see note on page 71 for important information regarding emission control regulatory compliance and warranty information.



1985-94 FXR Exhaust





2:1 Side Exhaust Lake Side Pipes with a 5" turn out end fits 1986-94 FXD-FXR-FXST with forward controls.

VT No. Style 30-0768 Chrome 30-0769 Black



Chrome 2 into 1 Exhaust Pipe Head. Single type fits 1984-94 FXR-FXRS. VT No. 29-1145

Clamp Set for 1982-94 FXR, 1991up FXD pipe. VT No. 31-0556



Chrome Exhaust Pipes fit Evolution engine FXR-FXRS-FXLR, except Dynaglide. Feature a true one piece construction. Designed to be used with stock flange rings, gasket, clamps and hardware. Mounts to stock bracket with concealed mounts.

VT No. Style 30-3395 2¹/₄" Drags 30-3144* 1³/₄" Goose Drags *Note: Use 31-2101 Mount Clamp



Exhaust Bracket Mounting Block fits all 1982-86 FXR models and replaces 65780-82, Sold each. **VT No. 28-0229**



T-Bolt Set is a replacement for all of our muffler pipes which have channel type mounting. Supplied with nut.

 VT No.
 U/M

 31-2116
 Pair

 31-0223
 10 pack



Exhaust Pipe Brackets, zinc plated. VT No. OEM Type 31-0189 65670-82 Front 31-0188 65671-82 Rear

Emissions and Noise Regulations

Important Information:

Disclaimer: The California Air Resources Board (CARB does not permit the use of aftermarket emission-related parts) that alter the performance of OEM emission-related devices unless CARB has issued an executive order, other than on racing vehicles on closed course. Check your local laws and manufacturer's information.

Disclaimer: Emission related parts for OEM Non-emission control system equipped motorcycles as well as slip on mufflers that mount downstream of and which do not alter the performance of OEM emission-related devices, are considered legal replacement parts by CARB. More California exhaust information is available a www. arb.aa.gov.

Disclaimer: Aftermarket products, including but not limited to exhausts, fuel, air contollers, air filter kits, camshafts and carburetors and jet kits which alter, modify, or replace emission control devices or systems of an originally compliant highway motorcycle, are not legal for sale or street use in California unless they have been issued a CARB Executive Order. Aftermarket emissions related products which have not been issued an Executive Order or which are not aftermarket Replacement Parts, as defined in Title 13, California Code of Regulations, Section 1900 (b)(2). are authorized for closed circuit race use only. Products shown may be designed, manufactured, intended and sold for closed circuit race use only and use of the same on public roads or lands may be a violation of local, state and/or federal laws. See manufacturer's information and state and local laws to determine what is authorized for your use on your vehicle.

Disclaimer: Products shown may not conform to federal, state or local noise regulations.

Warranty

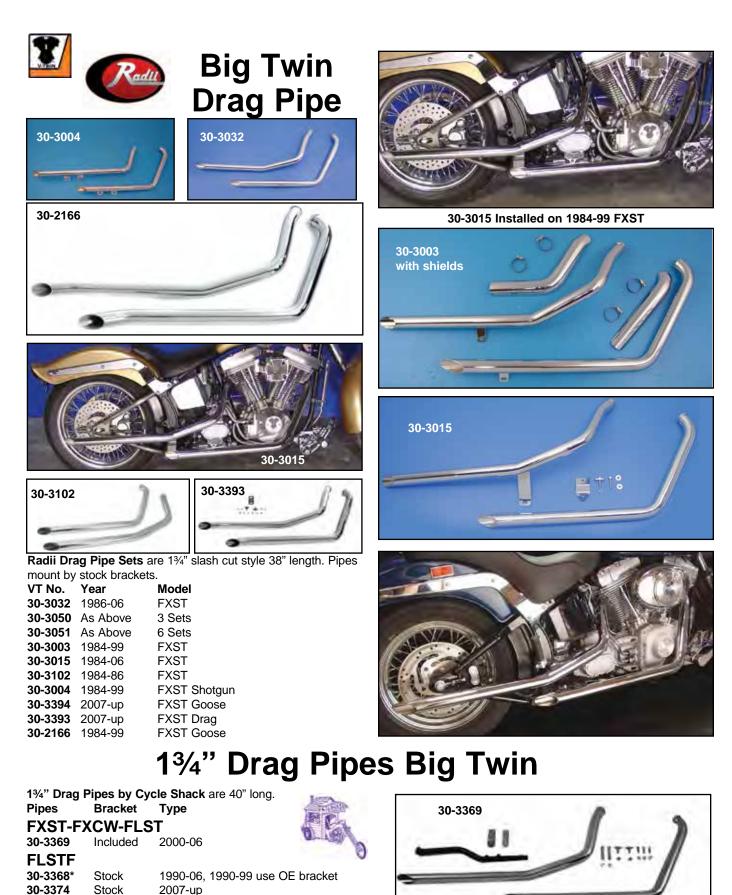
Disclaimer: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Discoloration (blueing) is caused by tuning characteristics, i.e. cam timing, carburetor, etc. and is not caused by defective manufacturing.

Disclaimer: Check your applicable laws and manufacturer's publication(s) and/or website(s) for manufacturer's warranty, maintenance, safety, mounting and any regulatory compliance/non-compliance information.



Important Note: Some items on this page may be emission-related parts subject to California or other emission control laws. Please see note on page 71 for important information regarding emission control regulatory compliance and warranty information.





FXCW

30-3379 Stock 2008-up

*Note: Order mounting bracket for 1990-99 replacement applications.



Caution: These exhaust products are not legal for sale or use in California on pollution controlled vehicles. These products are intended for non-highway only.



Drag Pipes Competition or Drag Pipes are not approved for highway use in any state. They are meant for show or race competition. Stock: Indicates no additional brackets

required. Brackets must be ordered separately when required.



1984-06 Softail 2¹/₄"







Samson Extreme Series Exhaust Pipe Sets for 1984-06 Softail models. Feature 2¹/₄" diameter and include mounting hardware when required.

Performance Rings fit into 2.25" drag

pipes to create back pressure.

VT No. Style 30-0054 Slash 30-0056 Back Slash 30-0050 Baffle and Ring for Above



Exhaust VT No. Ite

VT No. Item
30-0439 2:1 EXHAUST HEADER KIT, CHROME RADII SLIP-ON MUFFLER SET, DOWN SLASH
30-3347 SLIP-ON MUFFLER SET, TURN OUT, CHROME
30-3363 SAMSON BIG GUNS Staggered
30-3410 SAMSON BIG GUNS DRAG PIPE

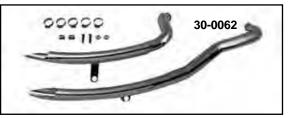
VT No. 30-0050



Chrome Exhaust Pipe Set with dumper style mufflers for FXST and FLST models. Sold in a quantity of 2. Baffles are not removable. Includes brackets. VT No. 30-0558



Chrome Down Slash Slip-On Muffler Set has removable baffles. One bolt for a quick removal. Sold in a quantity of 2. Fits 1995-2005 FXD & 1995-2005 FXDWG. OEM # 80366-99. VT No. 30-2040

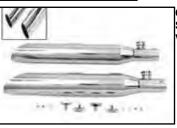


Samson Hell Raiser Series Exhaust Pipe Sets for 1984-06 Softail model. Feature 220° heat shields, 1¾" head pipes, 2¼" diameter body and includes mount hardware when required. VT No. Style

30-0062 Dagger 30-0057 Sinners Piranha 30-0059 Hell bound Piranha



Oxygen	Sensor Sealin	g Washer
VT No.	Year	MM
15 -00 81	2006-10	18
15-0012	2011-up	12

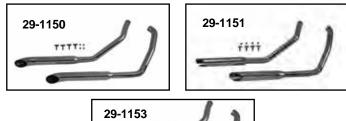


Chrome Slip On Muffler Set. Slash Style. Fits 2007-up FXST. VT No. 30-0997



Caution: These exhaust products are not legal for sale or use in California on pollution controlled vehicles. These products are intended for non-highway only.

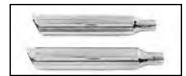




Chrome Cycle Shack Exhaust Pipe Set features 1¾" outer

diameter header pipes, and has one piece construction.

VT No. Style 29-1150 Turnout 29-1151 Super Slash 29-1153 Tapered



Radii Side Slash Slip-On Muffler Set has an outer diameter of 3¹/₄ with an inner diameter of 3". VT No. 30-0861



Caution: These exhaust products are not legal for sale or use in California on pollution controlled vehicles. These products are intended for non-highway only.



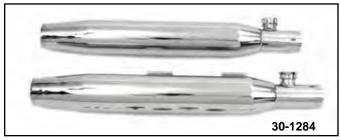


Exhaust for 85-86 FXE-FXWG, 84-up FXST-FLST









Slip On Chrome Muffler Set for stock OE headers. Fit 2007up FXST.

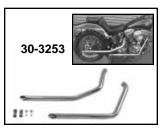
VT No. Type 30-1282 Black Tip 30-1281 Chrome Tip 30-1283 Chrome Ball Milled 30-1284 Chrome Tapered Cone





Muffler Pipe Set fits 1986-99 FXST-FLST. VT No. Type 30-0549 Tapered 31-3980 Bracket









FXST-FLST Pipes. Muffler pipe sets for all 1984-up FLST-FXST and all 1985-86 FXE 4-Speed. Features include 13/4" head pipes, 21/2" diameter mufflers with true one piece construction. Uses stock flange rings, gaskets, hardware and mounts to the factory bracket.

2000-06 Muffler 29-1196 Turn-Out 29-1197 Super Slash 13/4" Drag Pipes 30-3369 30-0097 Heat Shield Set

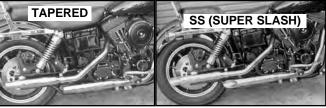




Chrome FLSTN/I Drag Pipe Sets for 2005-06 FLSTN/I Softail Deluxe models available in 40" length. Front pipe mounting bracket is included and rear pipe mounts to factory bracket. The 13/4" type uses stock heat shields the 2" type includes rear heatshield and uses stock front heat shield.

VT No. Type 30-0078 13/4" 30-0079 2"

Slip On Muffler



Replacement Slip On Muffler. Choice tapered or super slash, styles, which offer low restriction, and ease of installation to factory support and head pipes. Sold as pair.

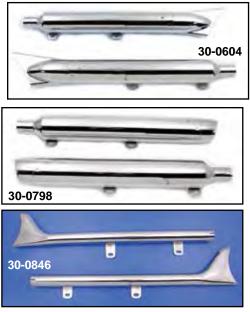
Tapered Super Slash 2000-06 FXST-FLST 30-3342 2000-up FXST-FLST 30-0985 1980-85 FX-FXE-FXS-FXWG, 1984-94 FXST-FLST-FLSTF 30-0235 *Note: 1991-94 models require mounting bracket

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Fishtail Style for FLSTS





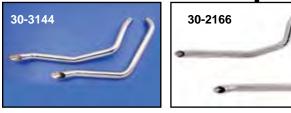
See them on the web! www.vtwinmfg.com

29" Fishtails for FLSTS Heritage models available in straight or muffler fishtail.

or manier	nomun.
VT No.	Туре
30-0049	Straight
30-0846	Straight
30-0604	Muffler Set
30-0798	Muffler Set
31-0815	Bracket (each)



Pipes for FLSTF



Goose Style Drags. Retro chopper styling in 1% diameter and slash cut ends. Use with existing brackets.

VT No. Year Model 30-3144 1984-94 FXR 30-2166 1986-99 FXST **Length** 34" 40"



Chrome FLSTN/I Deluxe Pipe Set fits 2005-06 models. Features 1¾" head pipes, 2½" diameter mufflers and one piece construction. Uses stock flange rings, gaskets heat shields and mounts to stock bracket.

VT No.	Muffler
29-0189	Taper
29-0191	Turnout
30-0078	13/4" Drag Pipe
30-0079	2" Drag Pipe



Pipes For FLSTF-FXSTD in 1%" header pipe size for 1990-up.

2007-up	2000-06	1990-99	Style
—	29-1193	—	Super Slash
—	29-1194	_	Tapered
30-3374	30-3368	30-3368	1¾" Drag Pipe



Sadly after 40 years in business, Cycle Shack closed in 2015.

Cycle Shack Patch. VT No. 48-1432

Note: Modification to original equipment exhaust systems may not be permitted under local or Federal noise limitation and/or emission laws. Check your local regulation before ordering. The high performance exhaust components offered in our catalog are legal for off road use only on 1979 and later models.



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30-0542

Venom



2¹/₄" Exhaust Pipe Set



X Series Pipe Sets in 2¼" diameter fit right or left side drive
applications.VT No.StyleBracket30-0541X31-1576



Before Starting Engine wipe all fingerprints off exhaust pipes after installation. Oil from hands will leave permanent marks on chrome finish.

Billet Exhaust End







 Chrome Billet Exhaust

 Ends.

 VT No.
 Fits

 30-0791
 1¾"

 30-0790
 2¼"



Chrome Billet Aluminum Custom End Caps fit all 2¹/4" outer diameter pipes. VT No. 30-0354



 Six Gun Pipe Ends.

 VT No.
 Fits (Outer Diameter)

 30-0789
 2¼"

 30-0788
 1¾"







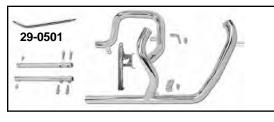


Chrome Billet Ends fit 2¹/₄" outer diameter straight pipes. VT No. 30-0453

Chrome Billet Scalloped Pipe Ends fit 2¹/₄" outer diameter straight pipes. Sold as a pair. VT No. 30-0313











FLST-FXST Fishtail Dual Exhaust Kit by Paughco fits all 1995-up models. Available with Fishtail ends only with or without mufflers. Complete with clamps and mounting hardware. Includes shift rod where required. 1³/₄" outside diameter use with 30-0293 heat shield set.

Туре	Year
With Straight thru Fishtails, shown	1995-99
With Fishtail Mufflers	1995-99
Pipe Set Only	1987-99
Pipe Set Only	2000-06
Heatshield Set	1987-99
	Type With Straight thru Fishtails,shown With Fishtail Mufflers Pipe Set Only Pipe Set Only



Chrome Vance and Hines Dual Exhaust System. Fits 1997-2011 FXST, FLST. VT No. 30-1589



 Heat Shields by Paughco

 Front
 Fits

 30-0131
 30-3158

 30-0131
 30-3210

 30-0131
 29-0088

 —
 30-3163

 —
 30-3163

 —
 30-3164



2 into 1 Exhaust



Chrome 2 into 1 Heat Shield Set. Fits 1986-99 FLST when an early FL look is desired. VT No. 30-0334



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Tru Dual Exhaust Header for Softail models





29-1169 Crossover Set (left)

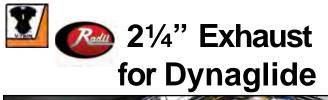
True Dual Chrome Exhaust Systems feature a single pipe for each side. Each pipe is independent and has 1¾" outside diameter. The rear pipe is for the left, and the front pipe is for the right without intersection.

VT No. Fits

29-1169	1995-99 FXST-FLST
29-1190	2000-06 FXST-FLST

31-0815 Bracket, Each

*Note: Heat shield set is for rear pipe only. Use factory heat shield on front pipe.





21/4" Drag Pipes fit FXD-FXDWG. Brackets are included. Order baffle rings separately. VT No. Item Year Model



30-0371 Pipes 30-0475 Pipes 31-0811 Replacement Bracket 1995-up 30-0050 Baffle Rings

1995-05 FXD 2006-up FXD

Oxygen Sensor Tool will remove and install oxygen sensors on fuel injected models. Can be used with 7/8" wrench or 3/8" drive. VT No. Fits 16-1131 18mm 16-1132 14mm



Sweeper Exhaust fits FXD models including 2006-up models with oxygen sensors. Pipes are 1³/₄" to 2¹/₄" at end portion. Bracket included. Order baffle separately

VT No. Item 30-0786 1991-up Pipe Set

30-0423 Oxygen Sensor Plug



Radii Exhaust Sets feature "Quad Finishing" which includes triple dura nickel and chrome as the final finish. After chrome plating, pipes are normalized and dried @572° F for the final finish process.



FXD Header Pipes include cross over as original for 2008-up. VT No. 30-0419

Namz O2 Enrichment Device Recommended

for bikes with high flow air cleaners and perfor-

mance exhaust systems. The reduces engine

Just simply plug this in between oxygen sen-

sors and wiring harness. Fits 2007-2008 FLT,

2007-2011 FXST-FLST.

VT No. 32-6553

operating temperature between 20-30 degrees.

2:2 Crossback Exhaust



The Best Muffler Clamp! VT No. 31-1007

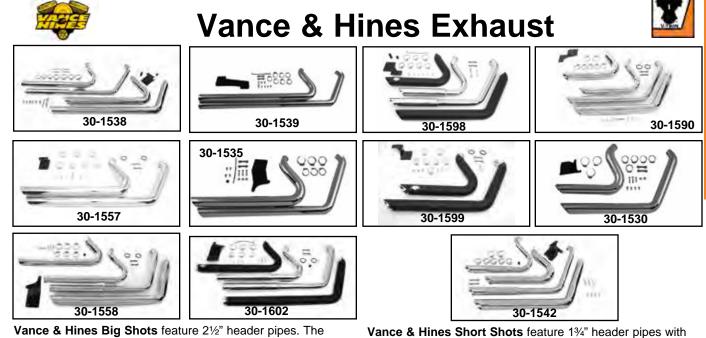
Rinehart Racing Chrome Crossback 2 into 2 Exhaust System. The Crossover three step header design with 21/2" chrome integrated mufflers significantly boosts torque and horsepower across the RPM range. Crossback systems are available in flush cut or staggered versions, and include 21/2" 220° full coverage heat shields that merge flush to the muffler bodies with custom billet end caps and two sets of baffles. The system has a 2" outer diameter for engines up to 96 cubic inch and 21/4" outer diameter for large high performance engines. All systems include two oxygen sensor ports.

Flash Cut Style VT No. Fits 30-1547 2006-up Dynaglide **Staggered Style** 30-1549 1986-up FXST 30-1550 2006-up Dynaglide 30-1551 1999-05 Dynaglide



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Vance & Hines Big Shots feature 2¹/₂" header pipes. The unique crossover power chamber design increases horse-power and torque, and includes full coverage heat shields, billet end caps, removable baffles and mounting hardware. Available in chrome or black finish.

1986-up Softail		
Chrome Black	Style	End Type
30-1538*	Staggered	
30-1539*	Long	
2012-up Softail		
30-1557	Staggered	Slash Cut
2006-11 FXD/FXDWG		
30-1535	Staggered	
2012-up FXD/FXDWG		
30-1558	Staggered	Slash Cut
30-1602	Staggered	Straight Cut

*Note: Pre 2007 models will require O² port plug kit 30-0423



Vance & Hines Chrome Big Radius 2 Into 1

- •Traditionally viewed as the kind of pipe merely designed for performance. Big Radius 2-into-1 breaks the mold, delivering white-knuckle performance with the style that has won over the motorcycle public.
- •Incorporating blue-proof technology across the entire length of the pipe, Big Radius 2-into-1 will keep its showroom finish whether at the dragstrip or on the boulevard
- Includes mounts for the O2 sensors as required

VT No. Fits

- 30-1586* 1986-10 FXST
- 30-1571* 2006-10 Dynaglide
- *Note: Require O2 sensor plug VT No. 30-0423 on pre07 models

full coverage 220° heat shields that run all the way back to the end caps. Includes removable baffles and mounting hardware. Available in chrome or black. **Note:** Will not fit models with kickstart.

Chrome Black Fits/End Type

Childine Black	rits/Enu Type	
30-1598	*1986-11 Softail Slash Cut	
30-1590 30-1599	2012-up Softail Slash cut	
30-1530 —	1991-05 Dynaglide Slash Cut	
30-1542	2006-11 Dynaglide Slash Cut	
*Note: Pre2007 models will require O ² sensor port plug kit		
30-0423.		





Vance & Hines Long Shots with removable baffles. VT No. Style Item/Fits

30-1517 HS L

HS Large 2¹/₂" Full Coverage Header and Muffler, Heat Shield Scalloped Slash Ends, Hot Rod Sound, Virtually Blue Proof Fits1986-06 Softail

30-1519 LS 1³/₄" Head pipe with 2¹/₄" Muffler, 220° Full Length Heatshield, Straight Cut Ends Fits 1991-05 FXD



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30-1571







Vance & Hines Straight Shots HS features 2½" full coverage header and muffler heat shields. Removable baffles and mounting hardware. Fits 1986-10 FXST.

VT No. 30-1564*

*Note: Pre2007 model require purchase of sensor plugs VT No. 30-0423.



30-1566

Vance & Hines Side Shots feature power chamber technology, 2½" header pipe and muffler heat shield, slash cut billet caps that have scalloped cut, and removable baffles and mounting hardware. Fit 2006-10 Dynaglide models. *Note: Pre-2007 Models require O2 sensor plugs VT No. 30-0423. VT No. 30-1566



30-1567

Vance & Hines Straight Shots feature full length/full coverage heat shields, 1³/₄" header pipes with 2¹/₄" bodies, removable baffles and mounting hardware. Available in dual stagger or high/low styles. Note: Will not fit with kickstart and when mounting high/low system on FXST, FLST models use 31-0555 mounting bracket.

Dual Stagger Style VT No. Fits

30-1511 1991-05 FXD **30-1567** 2006-10 Dynaglide



Chrome Vance and Hines Big Radius 2 into 1 Header breaks the mold. Fits 1986-2010 FXST. VT No. 30-1586



1991-05 Dynaglide

Vance & Hines Big Radius Exhaust features 2½" full header and muffler heat shield system, slash cut end caps, removable baffles and mounting hardware. Include mounts for factory O2 sensors where required. Available in chrome or black finish.

Chrome Black Fits

 30-1534
 30-1594
 2006-11
 Dynaglide Models

 30-1559
 30-1595
 2012-up Dynaglide Models

 30-1540*
 1986-11
 FXST, FLST Models

 30-1597
 2012-up FXST, FLST Models

30-13

2007-08 FLT 2010-13 FLT 1999-06 FLT 007 models require purchase of O

*Note: Pre 2007 models require purchase of O2 sensor plugs VT No. 30-0423.



Rinehart Exhaust Systems feature a three step header pipe that starts at $1^{3}/4$ "at the head, increases to $1^{7}/8$ " and finishes at 2". The system has permanently mounted $2^{1}/2$ " full length heat shields, removable

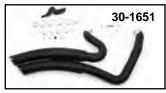
performance baffle and polished black anodized billet aluminum end caps.

0	
1986-06	1991-05
FXST	Dynaglide
30-0390	_
30-0391	30-0393

Style Flush Cut

Staggered





Vance & Hines Super Radius 2 into 2 Pipe Set. Super radius brings a deeper richer tone to the custom styled exhaust and is engineered for today's larger capacity engine to get solid performance and just the right sound. Features include deeper tone, full coverage heat shields and available in chrome or matte black.

matte black.	
Black	Fits
30-1643	2007-up FLT
	1986-up FXST, FLST
30-1651	2000-up FXD
	Black 30-1643

STOP

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Exhaust Taper Valve



BIG TWIN





Stainless Exhaust Taper Valves fit into exhaust between pipe and head to put back the low end torque which is lost when large diameter or straight pipes are used. Fit Evolution models with factory or aftermarket pipes and are sold in pairs.

Туре
Machined
Extruded
Extruded

Material Stainless Stainless Steel



Stainless Steel Taper Valve Kit includes 2 pure stainless extruded sleeves to fit between pipe and exhaust port, to aid in back pressure when range outside diameter or drag pipes are used. Kit includes solid copper machined exhaust seals which will not restrict gas flow. VT No. 30-0119

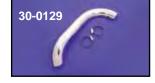
Heat Shield

30-0134

Front Chrome Heat Shield for 1986-95 FXST-FXR. VT No. 30-0134

30-0329

Heat Shields by Paughco Front Rear Fits 30-0128 29-1165 30-0128 29-1108 30-0128 29-1107 30-0120 29-1106 9-1100 9-1101 9-1102 9-1164 0-3158 0-3210 9-0088 0-3163 0-3164 0-3155







Chrome Heat Shield Sets fit 1986-99 FXST, 13/4" Drag style or one piece muffler pipes, no cut out for cross tube, clamps included.

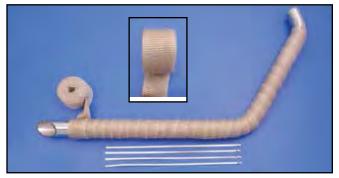
VT No.	Туре	Style
30-0097	Front and Rear	Smooth
30-0337	Front	Smooth



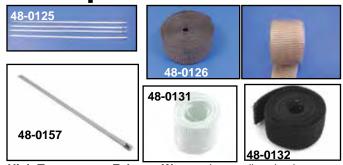
Chrome Crossover Heat Shield includes two worm clamps. Fits 1980-84 FXWG. VT No. 30-0096

	—	30-0129	
	—	30-0130	2
	—	30-0130	2
t	—	30-0130	2
n	—	30-0130	2
	30-0131	—	3
	30-0131	—	3
	30-0131	—	2
	—	30-0132	3
	—	30-0132	3
	_	30-0132	3





Fiber Glass Wrap. VT No. Size/Color 48-0137 2" W, 25' L, Light Brown 48-0139 2" W, 25' L, Copper



High Temperature Exhaust Wrap reduce radiated exhaust heat. Wrap that will withstand up to 2000 degrees. Tie wraps sold available separately.

VT No. Size	Item
48-0125 14"	Stainless Tie Wra
48-0157	Stainless Wraps,
48-0126 25' x 2"	Black Wrap
48-0127 25' x 2"	Tan Wrap
48-0131 25' x 1.5mm	White Wrap
48-0132 25' x 1.5mm	Black Wrap

aps, 4 pack 10 pack



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Universal Heat Shield





Chrome Universal Heat Shields with groove or flame.VT No.StyleVT No.Style30-03214" Groove30-03644" Flame30-03626" Groove30-03656" Flame







Chrome Universal Heat Shields are available for 134" or 21/4"straight pipes and includes mounting clamps. Sold individually.

For 21/4"	Pipes
30-0120	4"
30-0474	6"
30-0121	10"

For 13/4"	Pipes
30-0122	10"
30-0123	12"
30-0124	18"

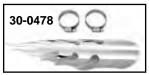




Chrome Replica 'Spoon' Style Heat Shield.

vepnica o
Length
51⁄2"
9"
Replica





30-0480

Universal Heat Shields include clamps for installation. VT No. # Type Dia. Length

> 9" 7"

VT No.	#	Туре		Dia.
30-0109	Α	Perfo	rated	1¾"
30-0106	В	Smoo	oth	1¾"
Skull				
Chrome	Blac	:k	Dia. L	ength
30-3385	30-0	466	21⁄4"	9"
30-3386	30-0	467	21⁄4"	12"
30-0468	30-0	471	1¾"	9"
30-0470	30-0	472	1¾"	12"
Flame				
Chrome	Blac	:k	Dia. L	ength
30-0118			1¾"	8"
30-0117			1¾"	11"
30-0481	30-0	483	1¾"	9"
30-0482	30-0	484	1¾"	12"
30-0473	30-0	479	21⁄4"	9"
30-0478	30-0	480	21⁄4"	12"

VT No. I.D. Size

Exhaust Clamp

Exhaust Mount Clamps (2" and under).

VT No.	I.D. Size	Style	Leng	
31-3947	1"	"P" shape	Long	
31-2100	11⁄2"	Hanger	Long	
31-2101	1¾"	Hanger	Long	
31-2146	1¾"	"P" shape	Short	
31-1011	1¾"	"P" shape	Long	
31-0816	11⁄8"	"P" shape	Short	
31-2105	11⁄8"	Hanger	Long	
31-2102	2"	"P" shape	Short	
Muffler Mount Clamps				
VT No.	I.D. Size	Style	Length	
31-2120	21⁄2"	Hanger	Long	
31-2106	21⁄2"	"P" shape	Short	
31-2119	21⁄4"	"P" shape	Short	
31-2108	3"	Hanger	Short	
31-1977	31⁄2"	Hanger	Short	
31-2107	2¾"	Hanger	Short	
324				



Chrome Muffler End Clamps. 1%" for use when attaching muffler to 1½" tubing.

31-0270 15%" 31-2132 13/4" 31-2103 17%" 31-2144 17%" Heavy 31-1007 17%" Super 31-9914 2" 31-0283 21/4" Narrow 31-2099 27%" 31-2141 3" 31-2141 3" 31-1977 31/2" 31-2109 31/4" 31-4016* 31/4" 37-8683 Bolt Set *Note: Stainless steel sold each



Note: Baffle size denotes size of pipe into which it fits.



Pipe Baffles fit inside straight pipes. Sold in pairs. **Note:** Baffle size denotes size of pipe into which it fits.

VT No.	#	Size	Length
30-0102	А	1¾"	4"
30-0103	А	2"	4"
30-0216	В	13⁄4"	8"
30-0217	В	2"	8"



1¾" Baffle Set. 12" Long. VT No. 30-1403



Performance Rings fit into 2¼" drag pipes to create back pressure. VT No. 30-0050

Features

- Easy Installation
- Forward Mount Ring
- Burn Out Proof
- No Rattles

Y/4-27NC + 3/4 puttor heco stress with foil restress, ack washer and the nut ?) 2th a 9/32 dometer note in the bottom of the exhaust one 2, strait the screw, that washer, lock washer and nut as shawn.
Power Spiral Baffles feature the lat-

30-0990

est designs in exhaust baffle concepts. The minimum restrictive properties of the inverted cone allow for more power and yet reduce decibel number to acceptable levels. Forward mount ring at tip allow mounting of various size discs to produce required back pressure on specific applications. Flexible design allows installation into turn out ends.

Fits:	8"	12"
1¾"		30-0990
2"		30-0991
21⁄4"	30-0988	30-0989

Pipe Baffler fits inside straight pipe. Bafflers are like the original Snuff-or-Not, which is a washer that can be turned to baffle position. Fits 2¹/₄" drag pipes. **VT No. 30-0317**

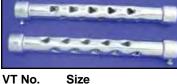
Baffle





Torque Tube Set will fit into 2¹/4" inner diameter of straight pipes, unique shape will compress exhaust gases for more sound and less noise with added power. One ¹/4" hole is required for mounting. The 4.5" long baffle. **VT No. Type**

30-0618 Plain 30-0372 V-Slots



 30-3180
 1³/4"

 30-3181
 2"

 30-1405
 1³/4"

 30-1406
 2¹/4"

30-0617



which it fits. **Type** Steel Steel Fiberglass

Blunder Buss Pipe Baffle

is full 12" long steel. Sold

in pairs. Note: Baffle size

denotes size of pipe into

Fiberglass Pipe Baffles sold each. Note: Fits Cycle Shack Super Slash pipes, size 2%". VT No. 30-0104

Torque Tube Set allows variation of air flow for 2¹/₄" pipes. Four Piece Set. **VT No. 30-0617**



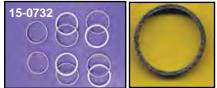
Torque Tube Set features improved baffling and back pressure for FX, XL and FXD Screamin' Eagle muffler sets, 30-0861, 30-2040

HD Type	Wyatt Pipe	es Type	
30-0623	30-0619	Smooth	
<u>30-0624</u>	<u>30-0620</u>	V-Slots	
30-0454	8	30-0980	ISr tul ac M UI V 30

Snuff or Not for 2¼" tube style baffles for added back pressure. Mount with ¼" - 20 UNC screw. VT No. Type 30-0454 Ring 30-0980 Screw



Exhaust Gasket for Evo & TC-88



Exhaust Port Gasket of knitted stainless steel.				
VT No.	Туре	Qty		
15-0227	Tapered	2		
15-0267	Mesh Gasket	5		
15-0712	Tapered, James	5		
15-0732	Tapered	10		
15-1236	James, 1999-up	2		

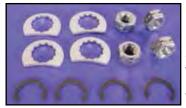
-		Gasket fits 1982-up FXR and
	1991-up FXD mc	odels. Each.
	GB No. James	Туре
~	15-1530 15-1069	FXR
	15-1531 15-1076	FXD
15-1291	15-1291	2003-up FXD



Solid Copper Exhaust Gaskets fit Evo models. VT No. 15-0777



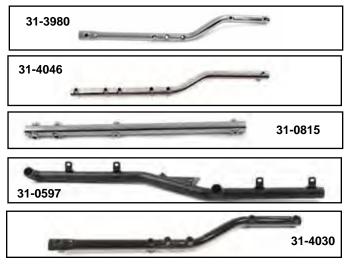
Exhaust Stud Kit includes 4 studs and 4 flanged nuts. Fits 1984-96 Big Twin. VT No. Item 12-2125 Kit 12-2527 Kit 12-1187 Studs Only



Exhaust Port Lock Kits. Special fasteners and lock tabs secure pipes for good. Fits 1984-99 Evolution. VT No. 37-0251



Drilled Style Exhaust Flange Clamp Set. VT No. 30-0724







Exhaust Flange Kit fit Evolution 1985-up 1340 Big Twin replacing 65328-83. Kit includes snap rings and mesh gaskets. /M

VT No.	Item	U/M
30-0205	Kit	Each
12-0942	Snap Ring	10
15-0227	Gasket	2
1 5-0 451	Gasket & Snap Ring Kit	Kit
15-0732	Gasket	10
12-1187	Exhaust Stud	5
30-0257	Chrome Flange Only	2
30-0563	Flange Set, Polished	2

Exhaust Port Flange Kit includes

2 flanges, 2 gaskets, 2 snap rings, 4 nuts, and 4 studs. VT No. 30-0420



Chrome Exhaust Finned Flange Set. VT No. 30-0857

Exhaust Port Gasket Kit includes two stainless steel knitted gaskets, two snap rings and four heavy duty flange nuts. Fits all 1985-up Twins.

VT No Brand 15-1285 Radii

15-1274 James

Exhaust Kit includes four chrome cap nuts, four washers & two mesh gaskets. For 1984-99 1340 Evo

model. 00 0 0 VT No. 37-8900 15-0726



6

. 0

15-1274

Type V-Twin James

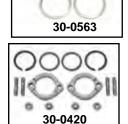
Jims Exhaust Gasket Installer Tool will correctly install exhaust port gaskets into cylinder heads, minimizes gasket distortion and helps heads flow better. VT No. 16-2112

Exhaust Bracket

0

FXST-FLST Exhaust Support mounts stock or custom drag pipes to frame. Stock on FXST models, but used on Fat Boy to mount lower drag pipes. The VT No. 31-4030 can be used on 1995-up models to mount early style Porkster or Cycle Shack drag pipes.

ulay pipe				
VT No.	Туре	Fits		31-4047
31-3980	Chrome	1984-94	FX-FLST	4
31-4046	Chrome	1995-99	FX-FLST	
31-4047	Chrome	1995-up	FXSTF-N	
31-0815	Chrome	1997-up	FLSTS	
31-0597	Black	2000-up	Softail TC88	
31-4030	Black	1984-84		
31-0188		FXR Exh	aust Pipe B	rackets zinc plated.
31-0100	M	VT No.	OEM	Туре
	C 8.8	31-0189	65670-82	Front
		31-0188	65671-82	Rear
31-018	9			





BIG TWIN





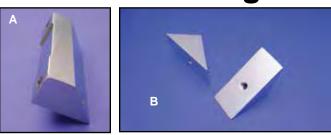
Billet Engine Mount



Chrome Billet Top Engine Mount fits 1948-99 Big Twin motors. VT No. Туре 31-0709 Smooth

With holes 31-1275

Engine Mount Bolt



Chrome Front Engine Mount Bolt Mount Block. Front motor mount bolts thread into this regulator mount block. VT No. Type

31-0635 A 31-0739 B





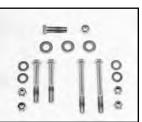
Chrome Top Motor Mount Spacer Set for spacing out top mount or wide tire conversions. Spacers have 7/16" inner with 11/8" outer diameter.

VT No. Thickness 37-0438 5⁄8" 37-0419 3⁄4" 37-0419T* 3/4" *Note: Zinc 37-0437 1⁄2"



Chrome Top Engine Mount Spacer & Bolt Kit for offset motors.

VT No.	Thickness
37-1012	.50"
37-1013	.75"



	Upper and Lower					
VT No.	Years	Model	Туре			
9854-28	1984-99	FXST	Chrome			
9855-28	1984-99	FXST	Zinc			
9927-28	1984-99	FXST	Allen			
9927-28-P	1984-99	FXST	Polished Allen			
Lower Only	V					
9859-20	1989-99	FXR	Chrome			
9928-20	1989-99	FXR	Allen			
9928-20-P	1989-99	FXR	Polished Allen			
1999-up Fr	ont Only					
9937-20	1999-up	FXD	Chrome Allen			
9936-28	1999-up	FXD	Acorn			
Lower From	nt					
2116-15	2000-up	Softail	Chrome Allen			
2117-15	2000-up	Softail	Chrome Hex			
2118-15	2000-up	Softail	Zinc Hex			
Trans to M	otor Mount TC-8	8, FXD				
9934-8	1999-up	FXD	Acorn			
9935-8-P	1999-up	FXD	Polished Allen			
811000	Chrome Alle	n Screw Kit	t connects motor			
11311	mounts, front	, top and rea	ar to frame on mod-			
18111	lels listed belo					
VT No. Fits						
37-9180 1991-up Dynaglide			glide			
		987-90 FXR	0			
	37-9186 1	991-up FXR				
			ail, 1985 FXWG-FXE			
	9937-20-P 1		,			

Billet Engine Mount



Chrome Billet Top Engine Mount fits 1984-99 ST models. Order related brackets separately. Coil mounts accept 2-single fire Crane or Dyna coils.

VT No.	Item	Year	Туре
31-0664	Top Mount	1984-99	Evolution
31-0667	Top Mount	2000-05 Carb Only	TC-88
31-0665	Coil Mount	Without key switch ho	ole
31-0669	Coil Mount	With key switch hole	
31-0689	Coil Mount	With key switch hole	



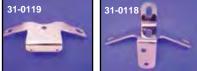
Chrome Billet Key Switch Mount bolts to top motor mounts with 2 holes. VT No. 31-0726



Billet Alloy Coil Mount will attach to three bolt on 1992-up Big Twin stock motor mount to mount coil. VT No. 31-0699



Chrome Top Mount Kit includes choke mount. VT No. Year Model 31-0678 2000-05 Softail 31-0901 2006-up Softail 31-0903 2006-up Softail 31-0902 2008-up FXWG



Chrome Big Twin Top Motor Mounts replace the stock type. VT No. Year Type 31-0119 1984-89 FXR

31-0118 1984-90 FXST **12-1188** 1984-99 Studs









Chrome Billet Top Engine Mount Kit includes key switch/ push-button housing fits 1984-99. Order push button switches separately and tap existing holes to 8mm x 1 for button installation.

VT No. Item

32-0867Button Switch (2 Wire)32-0869Button Switch (1 Wire)32-0161Key Switch31-0812Switch Bracket



Billet Jockey Shifter Kit includes top motor mount to fit 1986-99 Big Twins. VT No. 21-0180





Top Motor Mount VT No. Item 31-0468 80" - 100" motor 31-1024 1991-98 FXD



Chrome Top Engine Mount replaces 16216-83A. Fits 1984-89 FXR.

VT No.	Туре
31-0119	Stock
31-0453	With horn and choke mount

Steel Top Engine Mount







31-0459





Chrome Engine Mount Set fits 1984-99 Big Twin Evolution is a two piece design and features tab to mount coil.

VT No. Type

31-0657 2 pc

31-1265*2 pc

31-0560

*Note: With choke switch bracket.

Chrome Three Piece Top Mount Kit for 1992-99 FXST-FLST, 2000-05 Softail and FLT includes choke mount. VT No. 31-0560





Chrome Heavy Duty Two Piece Top Engine Mounts are constructed of 1/4" thick steel. FXST-FXR models include horn and choke mount. Mounts have provision to direct mount two bolt ignition coils. Note: Fits Shovelhead or Panhead motor in Evolution Style Frame

VT No.	Year
31-0212	1984-99
31-0453	1984-94

Model FXST-FLST FXR



Chrome Rectifier-Regulator Bracket Mount fits 1976-86 FX-FL. Replaces 74533-75B. VT No. 31-0168



Billet Тор Mount





Chrome Top Mount Kit includes choke mount. VT No. Year Model 31-0678 2000-05 Softail 31-0901 2006-up Softail 31-0903 2006-up Softail 31-0902 2008-up FXWG



2000-05 Chrome Top Engine Mount Kit includes cross and top bracket and hardware for Softail and FLT carburetor mod-

els. VT No. Item 31-0546 Kit 31-0678 Bracket Set Only



Chrome Engine Mount to Cylinder Head Bolt

Set features countersunk allen bolts and washers for 1993-up Big Twin. VT No. 9967-4



Chrome 1993-99 FLT-FXST/D Choke Cable mount replaces 69126-92. VT No. 31-0557



Chrome Top Motor Mount with Integral Coil Mount provides a coil mounting that is up and behind the normal top motor mount. Mounts coil between cylinders for use with coils with central terminals such as VT No. 32-0747 spacing required for proper installation. Mounts a style of coil as shown. For Twin Cam and most Evolution coil applications, spacing maybe be required. Use cover 42-0962.

roquirou.	000 00 00 12 00
VT No.	For Motors
31-0747	80-100"
31-0746	101" and up
32-0747	Coil







Front Mount fits 1990-up FXD

VT No. OEM ltem Fits 31-0574 47583-90B Mount Front 31-0607 47564-90B Mount Rear 31-0679 47564-99 Mount Rear 31-0294 16258-95B Stabilizer Steel 31-1050 Mount Тор

Type Type Black 1991-2011 1991-98 Chrome Black 1999-up 1995-up Chrome 1995-up

Top Mount for FXR









Chrome **Teardrop Coil**

Cover fits top motor mounts with two holes such as 31-0664. Matches teardrop air cleaners. VT No. 42-0926

Chrome Finned Coil Cover fits coil mounted on top motor mount. VT No. 42-0962





VT No. OEM



9859-20 Engine Mount Components Fin ltem 31-0121 16207-79B Front Mount

Finish	Fits
Black	1979-08 FLT
	1984-94 FXR

				1304-341 XIX
31-0155	16207-79B	As Above	Chrome	
31-0258	96210-80	Washers for Abov	e Zinc	
31-0240	16219-79B	Stabilizer Link	Chrome	1979-08 FLT,
				1984-94 FXR
31-4065	47159-79A	Front Bracket	Chrome	As Above
31-4081	47159-08	Lower Front Brkt	Black	2009-up FLT
31-0962	16321-08	Upper Front Mt	Chrome	2009-up FLT
31-0054	16219-09	Lower Mount	Stabilizer	2009-up FLT
31-0055	16213-10	Upper Mount	Stabilizer	Link, chrome



2009-up FLT Chrome Front Engine Mount Assembly includes bracket, link and iso mount with hardware. Fits 1982-06 FLT.

VT No. 31-0625



Lower Engine Mount Kit for 1989-99 FLT-FLHT-FXR-FXRS with rubber mounted engines. VT No. Finish 9859-20 Colony 37-0952 V-Twin

Urethane Engine Mount replaces the stock mount in all Big Twin with rubber mounted engines. It uses urethane formulated compounds with enhanced compression and rebound dampening propertied for a 20% reduction in transmitted vibration. Fits 1982-94 FXR. V

VT No.	Finish	Brand
31-1975	Black	Velva-Ride
31-0900	Black	Sifton
31-0682	Chrome	Sifton
31-0905	Chrome	Sifton

31-0900



Chrome Engine Stabilizers feature a steel body with a plunger with a urethane dampening which together acts as a mini-shock absorber. Fits 1979-up FL. VT No. Year

31-1983 1970-08 31-1274 2009-up



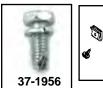
BIG TWIN





Chrome Finned Coil Cover fits coil mounted on top engine mount.

VT No. 42-0962



42-0445

42-1015

42-1076

42-1541

42-0416

42-0446

42-1539

42-1077

42-1080

42-1520

Smooth

Smooth

Skull

Flame

Smooth

Smooth

Smooth

Smooth

Skull

Skull

2007-up Softail

2000-up Softail 2000-up Softail

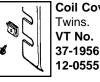
1983-94 FXR

1999-up FXD

2000-05 FXD 2008-up FXCW

2017-up FLT

2008-up FXCW



Coil Cover and Speed Nut for Big

XL-FL.

Full Chrome Coil

Cover fits 1983-99

VT No. 42-0839

Years 1985-99, Screw only Nut only, 8115B



Replica Dual Fire Ignition Coil



Chrome Stock Coil bolts original brackets. Fits 1984-89. Replaces 31614-83. VT No. 32-0512



32-1233

Volt Tech Dual Fire 80 KV Coil mounts to stock locations. VT No. 32-0095

32-1234

32-0585



Volt Tech Molded **Coil** features black late shape with bobbin type windings. Fits 1983-99. Replaces 31614-83 VT No. 32-0511

Andrews Coils for

electronic ignition

systems. The coil produce more

voltage than stock

coils. 1985-99, 2.8

VT No. 32-0712

Fire Coil

ohms.

32-0812



Blue Streak 45,000 Volt Coil provides more spark and energy than stock coil

and the higher voltage eliminates spark deterioration at peak RPM.

VT No.	Years	Туре	Ohms	
32-0171	1980-99	Electronic	2.7	
32-0769	2000-06	Electronic	2.7	
Single Fire: Just the spark plug for the piston that is in its compression stroke will be fired. The other piston, being in its overlap position will not be ignited. Dual Fire: Both spark plugs are fired simultaneously at the time only one piston is in its				

compression stroke. This is the way the stock motor works on pre TC-88 engine. Single Plug: One spark plug in each head. Total of 2 spark pl Dual Plug: Two spark plugs in each head. Total of 4 spark plugs

Volt Tech Molded Coil features black late



32-1085

32-0743

32-0712



shape with bobbin type windings. 2000-up replacement coil with OE style connectors. Year VT No. OEM Туре 32-1233 31639-95 1995-98 EFI **32-1234** 31639-99 **32-0743** 31655-99 1999-01 2002-06 32-1065 As Above Dynatek 32-0812 31743-01 2002-06 32-1066 As Above Dynatek 32-0585 31696-07A 2007-up 32-1085 As Above 2007-up 32-0978 31684-08 2008-up 12-0586 7638

EFI (VT) Carb (VT) EFI (VT) EFI ÈFI FXCW Coil Stud Nut

32-1066

Accel Dual Fire H.V. Super Coil. High performance bolt on for electronic ignition systems. High-tech molding for exact fit on 1965-99. 2.3 ohms.

VT No. Type 32-7772 Yellow 32-7801 Chrome



Relocation Bracket is constructed of stainless steel. VT No. 31-0725



Accel Single Fire Super Coil features ultra fast coil rise time with voltage output 45% higher than stock and 3.0 ohms of primary resistance. Mounts to stock coil bracket and fits under stock coil covers

on 1980-99 Twins. VT No. Type 32-0090 Yellow 32-7802 Chrome



32-7802

Coil Bracket fits touring model, 2002-up. VT No. 31-0841





Accel High Energy Dual Fire Coil is a very high KV energy output requires that it be used with our

> extreme service 8.8mm silicone racing wires. Each coil is complete with two 8.8mm wire

leads and appropriate chrome brackets. VT No. Item

32-0132 Kit 1965-87 32-7536 Wires only

The Accel Stealth Coil eliminates the need for ignition wires forever by mounting the coils directly to the spark plugs for maximum spark energy to the plugs. An aluminum finned cover holds the coil in place and acts as a functional heat sink to pull heat away from the cylinder heads. All wiring is hidden in the fins of the head for a clean, custom look. Available with nature or black finned heat sink. Natural Black Fits

32-1141 32-1140 2002-08 All FLT models with EFI 32-1142 32-1143 2001-up All FXST models with EFI, 2009-up All FLT models with EFI 2004-up All FXD models with EFI



AFCEL







Important Note: Some items on this page may be emission-related parts subject to California or other emission control laws. Please see note on page 71 for important information regarding emission control regulatory compliance and warranty information.







Dyna Coils. 35,000 volt! Works with all points ignitions, aftermarket or factory electronic ignitions. Note: 32-7792 is electronic, 32-7793 is for points ignition.

		P 0	9			
VT No.	#	Volt	Ohm	Dyna	Туре	U/M
32-7789	А	12V	3	DC-1	Angle, Dual	Pair
32-7790	А	6V	1½	DC-2	Angle, Dual	Pair
Use 2 for	dual plu	ug head	s			
32-7792	С	12V	3	DC-6	Stock, Dual	Each
32-7793*	С	12V	5	DC-7	Stock, Dual	Each
32-8055	В	12V	3	DC-3	Angle, Single	Pair
32-8086	А	12V	5	DC-8	Angle, Dual	Pair
32-9035	В	12V	5	DC-10-1	Angle, Single	Pair
*Note: Use 2 for single fire ignition.						

TwinTec 3 Ohni Mini Col

Twin Tec 3 Ohm Single Fire Mini Coil Kit features compact design 2.4" x 2.3" x 1.6" (not including terminals and tower) and is compatible with most single fire ignition systems. Kit includes two coils, universal wire set and terminal ends. VT No. 32-1015

Single Fire: Just the spark plug for the piston that is in its compression stroke will be fired. The other piston, being in its overlap position will not be ignited. **Dual Fire**: Both spark plugs are fired simultaneously at the time only one piston is in its compression stroke. This is the way the stock motor works on pre TC-88 engines.

Single Plug: One spark plug in each head. Total of 2 spark plugs in one engine. Dual Plug: Two spark plugs in each head. Total of 4 spark plugs in one engine.





V-Tech[™] Single Fire Coils features 45 kv with 1 spark for each cylinder as fired and will mount to stock bracket and accept stock type coil covers. Works with most aftermarket single fire ignition systemsvolt wire from ignition switch is connected to center

 VT No. Finish
 post along with re

 32-0467 Black
 2. Connect the bla

 32-0474 Chrome
 der.

post along with red wire from ignition.2. Connect the black wire to outer post from front cylinder.3. Connect the white wire to other outer post for rear cylinder.

32-9264



32-0484 Orange

45 KV Coil Kit includes coil and cover. To mount on stock 1984-99 Softail . **VT No. 32-0749**



Dyna Twin Fire Ignition Coils are designed to work with Dyna 2000 HD-I ignition modules. Twin

fire coils are slightly larger than stock coils and fit the stock mounting bracket. Twin fire coils can be used with any electric advance ignition system that incorporates dwell control, except Dyna DS6-2 or similar type ignitions.

VT No.	Dyna	Oł	hms/Type	
32-9285	DC6-5	3	(A)Twin Fire II Miniature Dual Output	
			Towers, Replaces DC6-3	
32-9264	DC6-4	3	3 (B) Four output towers Fits Dual Spark Plug	
-	32	-934	42 22.0242 32-93	

32-9341

Dyna 0.5 Ohms Miniature Coils for TC-88. These coils are designed for use with Dynaglide TC-88 series ignitions and should not be used with Dyna S Ignition Systems. TC-88 mini-coils feature dual or single output towers, .5 ohms primary resistance, measure 4.2" x 2.3" x 1.6", mounting centers of 2.9" minimum to 3.5" max and black housing.

minimum to 0.0 max and black nedding.					
VT No.	Output Ty	/pe U/M	Dyna#		
32-9341	Dual	Pair	DC11-1		
32-9342	Dual	Each	DC11-2		
32-9343	Single	Pair	DC12-1		
32-9344	Single	Each	DC12-2		

Important Note: Some items on this page may be emission-related parts subject to California or other emission control laws. Please see note on page 71 for important information regarding emission control regulatory compliance and warranty information.





Spark Plug



V-Twin Performance Spark Plugs features a copper core electrode for a longer service life, nickel plated housing, 95% pure alumina insulator and a heat crimping process to ensure a leak free seal.

VT No. Fits	OEM#
32-6691 1999-up Twin Cam	6R12
32-1395 As Above Nickel	RGHCC
32-6692 1984-98 Evolution	5R6A
32-6693 As Above One Heat Range Hotter	
32-6694 As Above One Heat Range Colder	



Accel Spark Plug Set is U-Groove features a U-shaped electrode, sintered alumina insulator and a copper/nickel alloy electrode. Gap is .040. Fits 1975-81 FL-FX Evo. VT No. 32-0144



Champion Copper Plus. Sold in 4 pack unless noted. Spark Plug gap measures .040.

VT No.	Engine	Fits
32-7547	TC-88	1999-up FL-FX
32-7540	Evo	1984-up FL Evo
	1340	1985-up FX Evo

Copper Plus Champion HD# 6R12 .RA8HC 5R6A .RN12YC

1984 FXR 32-0160 Shop Pack of 24

RN12YC



5A6A

Autolite Platinum Plugs. VT No. Autolite# Fits 32-9231 AP4265DP2 1984-up 1340cc V-2 Evolution 32-9232 AP4164DP2 1999-up TC-88 **Autolite Standard Spark Plugs** 10 Pack Pair Autolite# H-D# 32-9295 4164 6R12 ____ 32-9297 32-9298 4265 5RL, 5R6

Fits	i
199	9-up TC-88
198	4-up All V-2
Evo	lution

Spark Plug Cover

Chrome Covers



Chrome Head and Spark Plug Cover fits 1986-99 Evolution models. Covers are held in place by rubber inserts supplied. VT No. 42-0929



Sparkies are chrome die cast covers to fit perfectly on a spark hex for Big Twin 14mm, pair. VT No. Years 37-8952 1948-1999 32-1670 1999-2012

Single Fire: Just the spark plug for the piston that is in its compression stroke will be fired. Single Plug: One spark plug in each head. Total of 2 spark plugs in one engine. Dual Plug: Two spark plugs in each head. Total of 4 spark plugs in one engine.



Blue Lightning Bug Spark Plugs are neon gas filled and glow as strobe lights.Fit plugs with screw terminal fittings only, sold in pair. VT No. 32-1552



Chrome Big Twin Case Trim fits Evolution 1985-99 1340 Big Twin by mounting to center case stud. To install adjust stud length for more length on left side, then press emblem over nut and attach by chrome acorn nut which is supplied. VT No. 42-0746

42-0748 42-0299 42-0299	42-0106 42-0119 42-0119	42-0088 42-0662 42-0662	42-0177 42-1058 42-1058	P 42-0461		Aition S Cover	42-0465	BIG TWIN
42-1059 42-0961 42-0961	42-0155 42-6100 42-6100	42-0125 42-0081 42-0081	42-0960 42-0562 42-0562	42-0065 2-Hole 42-0748 42-0106 42-0088 42-0177 42-0035 42-0299	5-Hole 42-0969 42-0889 42-0836 42-0178 42-0119	Style Flame, chrome Live to Ride, chrome Live to Ride, gold inla Baron, chrome V-Tech Dome	у	
42-1082 42-1116 42-1116	42-1178 () 42-1125 () () () () () () () () () ()	42-1259 42-0474 42-0474	42-1260 42-0475 42-0475	42-0662 42-1058 42-1078 42-0065 42-0155 42-0960 42-0081 42-0081 42-0560 42-1176 42-1116	42-0146 42-1059 42-1079 	Flat Skull Skull Flame Smooth Maltese, flat Maltese, raised 3D Skull face 3D Skull, black Skull, chrome, black f Skull, chrome Chrome w/chrome sk Chrome w/black skull Black smooth		
42-0189	42-0198	42-1145	42-1166	42-1110 42-1125 42-0581 42-0581 42-0474 42-0475 42-0198 42-0198	42-1119 42-1122 42-1123 42-1093 42-1094 42-1096 42-0472 42-0473 42-0197 42-0196 42-1144 42-1145	Black smooth Black, perforated Black, flames, natural Black, ball milled Chrome, perforated Chrome, contour Chrome, ball milled Skull with chrome sku Chrome, flame Black, flame Black, flame Smooth, black Smooth, chrome Grooved, chrome Grooved, chrome		
42-6055 42-1381	42-095	42-1383 6 2-0956	42-1385	42-1166 42-0162 42-0956 42-0464 42-0465 42-1383 42-1384 42-1385 8765-2 8402-2	42-0957 42-0461 42-0462 42-1381 42-1382 42-1389 42-1390	Grooved, black Iron cross spinner Hidden mounting Chrome with black me Chrome with black me Chrome air flow Black air flow Chrome air flow Chrome domed nostal Black domed nostalgi Screws, 1978-up alle Screws, chrome acor	esh skull Igic c n	



Spark Plug Wire

Accel 8.8mm Custom-Fit Ignition Wire Sets are available in 300+ or custom fit.

8.8 mm

300+	Custom		
Black	Yellow	Black	Type/Fits
32-9101	32-0656	32-8044	1984-90 all FXST,
			1985-86 FX, 1991-99 Dynaglide
32-9103	32-0658	32-8048	1982-94 FXR-FXRS-FXRT
32-9107	_	—	1985-90 FLT-FLHT
32-9106	32-9021	32-9022	1991-99 all FXST
32-9107	32-9023	32-9024	1985-99 all FLT
32-9109	_	_	2000-up all Dynaglide
32-9111	_	_	2000-up all FXST
32-9110	_	_	2000-up all FLT
32-9108	_	_	1994-98 FLHR
		8 mm Blu	e Streak XXX Silicone Wire
-	~	Sets featu	ires quality construction of sil-
			ughout the jacket, insulation
			This assures high temperature

and core. This assures high temperature resistance and high durability. Silicone wire sets also offer maximum RFI suppression.

Copper core wire sets are for point type ignition systems only and feature a copper core wire to allow for special improved electrical conductivity and mechanical strength. All wire sets are supplied with electrical boots and OEM style terminals that lock onto the spark plug.

	the opaint plag.
VT No.	XXX Silicone Sets 8 mm
32-0253	Universal Application Self Make Kit
32-0254	1980-84 FLH, 1985-99 FXST, 1991-98 FXD
32-0255	1985-96 FLT, FLHT, FLHR
32-0256	1982-99 FXR
32-0258	1997-98 FLHT, FLHR
32-0259	1999-up FLT, FLHT, FLHR
32-0260	1999-up Dynaglide
32-0262	2000-up FXST
	·

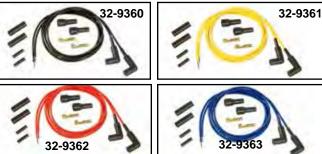




42" Accel 8.8 Wire Sets have the ends terminated with a 90° or a variangle boot and come with a hardware kit which includes terminals, boots and instructions.

> Color Black Variangle Black 90° Yellow Variangle Yellow Variangle Yellow 90° Yellow 90°

Туре Suppression Suppression Suppression Copper Suppression Copper



Accel Thundersport 5mm Ignition Wire features half the diameter of stock wire and is extremely flexible. Easy to run through cylinder heads, rocker covers and frame tubes for a hidden look. Packaged with two 5 foot leads, coil ends and 90° spark plug end. Coil end must be terminated. These wires are a 5 mm high gloss silicone wire that is rated for over 550° F and 150 ohms per foot.

VT No. Color 32-9360 Black 32-9361 Yellow 32-9362 Red 32-9363 Blue



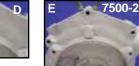
Accel Floor Mat VT No. 48-0201

Spark Plug Wire Clamps available in pairs for 7mm or 8mm.

Chrome Size 37-9062 7mm 37-2911 8mm



Chrome



D. Functional and custom design plug fits all Big Twin models



9503-1

Timing Plugs are available in stock size 5%-18 thread unless noted as oversize which is 11/16 16 thread. A. Acorn style plug fits all Big Twin timing plug holes and oil tanks. Finish Chrome B. Acorn style plug with oversize thread & one tap for rethreading stripped out timing Type Plug and Tap (Oversize) Plug Only (Oversize) ¹¹/₁₆"-16 Tap (Oversize) C. Stock timing plug. Finish Chrome Cadmium Cadmium (Oversize) 9404-1 9304-1 Chrome (Oversize) 9714-1 Parkerized (Oversize) 9502-1 Chrome 1939-51 Parkerized as above, 7/8" Hex 9504-1

As above Cadmium

D

Е

8611-1 Cadmium E. Allen style plug for use on all 1970-up. Replaces 720. 9402-1 Chrome

and Sportster timing plug holes and oil tanks.

9403-1 Cadmium

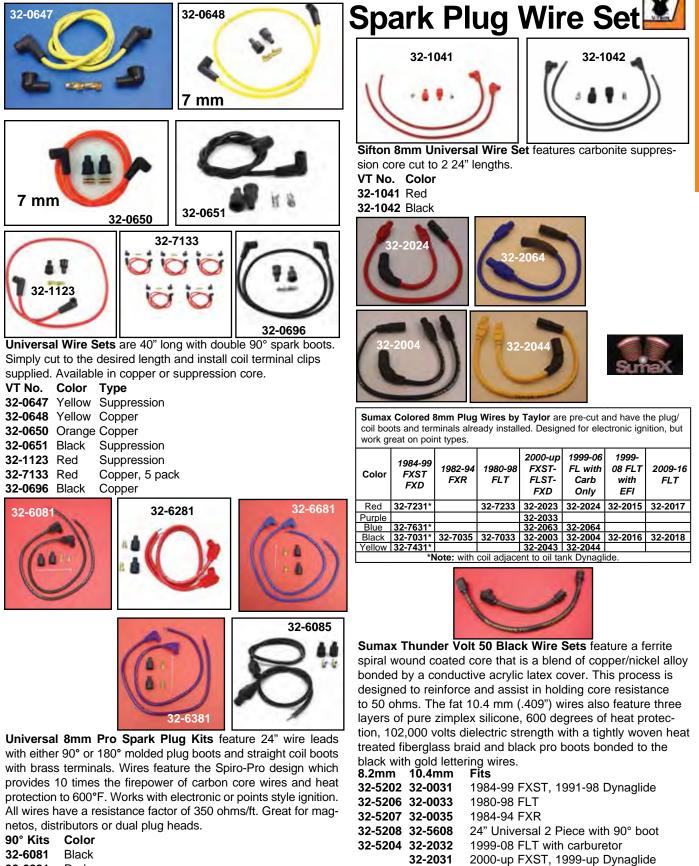
8610-1

- 37-9206 Chrome by Gardner Wescott
- 9960-1 Chrome (Oversize)



Clear Timing Plugs available as a long optically clear type or a short standard version with or without the internal hex.

VT No.	Туре	U/M
16-1731	Long Type	Each
16-0829	Hex Type	Each
16-0099	Standard	10 pack
16-0160	Standard	Each



 32-6281
 Red

 32-6481
 Yellow

 32-6681
 Blue

 32-6381
 Purple



STOP

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32-5209 32-5200

32-5205 32-5203

32-5210

2009-16 FLT

12" Universal

1999-08 FLT with Fuel Injection

T 337



Carb Ignition Advance Unit



Blue Streak Sifton "Tuneable" Ignition Advance Assembly includes stainless advance base, points plate with "Blue Streak" points and condenser with hardware and 3 pairs of color coated springs which allow full advance at 1400, 2000 and 2600 RPM depending on which spring is selected.

VT No. 32-0713



Competition Advance Unit by Rivera Competition features machined stainless steel shaft and plate, metallic coated weights and special wound springs for exact advance. For 1970-84, mechanical advance applications. Center screw included.

32-9261

VT No. 32-9037



Tuneable Advance Unit features stainless base, heat treated weights cam bolt and 3 different color coded spring sets which allows full advance at 1400, 2000, and 2600 RPM depending on which springs are selected. Can be used with all ignitions, points, single or dual fire types which utilize an advance unit. Springs also available separately.

VT No.	Туре
32-9220	Stock
32-9261	Needle Bearing
13-0121	Stock Springs, Black
13-9246	Heavy
13-9247	Severe





Automatic Advance Rebuild Kit includes two springs, two weights, and roll pins. For all 1970-78 Twins. VT No. 32-0140



Battery Eliminator allows operation of Magneto models without battery and boosts spark voltage when starting and prevents light flickering at low engine speed.

VT No. 32-0548

Warranty

All Electrical Components sold as individual pieces or in kits are covered under our warranty <u>"Replacement Only"</u> Provision. All electrical related item part numbers begin with a 32 prefix. No credit will be issued for these items as they are exchange only.



Points Conversion Kit. Both brands include everything necessary for direct replacement on 1970-78 Big Twin, 1971-78 Sportsters or for converting late model electronic-type back to points. Accel type available with microchip points, which will require a domed shaped points cover such as VT No. 42-0299 to accommodate taller points. The V-Twin unit includes stock style points and condenser. 32-0150 available with needle bearing weights.

VT No.Item32-7773Accel with Microchip32-0136V-Twin with Points32-0150V-Twin/Points



Points Plate Screws.VT No.Type32-0760Stainless32-0049Zinc



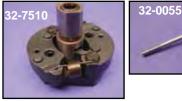
StainlessAdvanceUnitfeaturesstainlessbase, heat treated weightsand cam center screw for 1970-upmechanical advance ignition.VT No.ItemBrand32-0178With BoltSifton32-0168Without BoltV-Twin

Туре

Stock

Stock

Needle



Advance Units feature
heat treated weights
and steelbase. Order
center bolt separately.VT No.Type32-7510Advance32-0055Center bolt

Blue Streak Premium

VT No.

32-0156

32-0157

Parts for 1970-78 Twins.

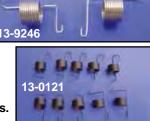
Item

Points

Condenser







1970-up Advance Weight Springs. VT No. Fits

- **13-9247** Severe Duty Advance Weight Springs are for all high compression and heavily modified engines. Also useful for applications experiencing detonation (pinging) or very erratic idle,sold as a pair
- **13-9246** Heavy Advance Weight Springs for slightly modified stock, low compression or mild stroker application, helps cure minor idle problems, sold as
- pair **13-0121** Original type replacement. Uses premium grade spring steel, 10 pack



BIG TWIN





Daytona Twin Tec External Ignition Kits for 1990-98 Evolution Big Twin and 1990-97 Sportster models. Kits include module, coil and spark plug wire set.

VT No. Fits 32-3017 1990-94 Evolution 32-3018 1995-98 Evolution 32-1036 1984-99 Evolution



Twin Tec Internal Ignition for 1970-97 models. Two advance curve families with adjustable advance slope accommodate stock to highly modified engines. Features digitally set RPM Limit (100 RPM Steps) and selectable single or

dual fire mode. Coil outputs protected against short circuits.

VT No. Item 32-1005 Ignition

32-2013 3 Ohm Single Fire Coil



Crane H1-4N Multi Function Performance Ignition features one piece machined aluminum housing, BCD switches with solid detent and legible markings, which allows easy adjustments of mode. Advance rate and rev limit, single or dual fire operation and initial timing marks that allows precise adjustment. Fits 1970-99 XL. Also available as an ignition kit which includes HI-4N ignition, single fire coil and 8.5 mm plug wire set.

VT No. Item 32-1731 HI-4N Ignition 32-1732 HI-4N Kit

Daytona Twin Tec 🌌 **Carb** Ignition



Daytona Twin Tec Internal Ignition Kit for 1984-99 Evolution Big Twin, 1970-84 Shovelhead Big Twin and 1971-97 Sportster models. Kit includes ignition, coil and spark plug wire set. VT No. 32-3015



Daytona Twin Tec TC-88 Ignition Kits for all 1999-up TC-88 carbureted Big Twins include module, coil and spark plug wire set.

VT No. Fits

32-3088 1999-02 (Does not include software and cable) 32-3089 2003-up (Includes software and USB cable)



Unilite Breakerless Ignition System for all 1970-99 Twins. Dual fire unilite module features integrated photo coupler, signal processor and power switch. Requires mechanical advance assembly and ignition coil with 3.0 to 4.0 ohms.

VT No. 32-5119 32-7510

Item Ignition System Mechanical Advance



45 KV Single Fire Coil Kit includes coil and cover to fit 1984-99 Softail models. VT No. 32-0749





Daytona Twin Tec External Single Fire Ignition Converision Kit includes 50 state street legal selectable ignition module, sensor plate, rotor cup and adapter harness that allows use of tachometer and single fire coil. Allows use of external ignition on all 1970-1999 carbureted only Big Twins and 1971-2003 XL models. Helps prevent heat related ignition failures by replacing heat sensitive internal nose-cone style ignitions. Also available as complete kit with correct 3.0 ohm single fire coil and plug wire set.

VT No. Item

32-3047 Conversion Kit

32-3048 Complete Conversion Kit with Coil and Wires



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Ignition Kit and Advance Unit



Improves performance & mileage while reducing emissions



Accel Late Model Super Coil for late model Twins with carburetor. Features faster rise time, higher voltage, maximum spark and energy to spark plugs for quicker starting, improved idle and crisper throttle response. Fits in OEM loca-

tion and is available in black finish. Fits 2000-02 FXST-FLST, 2000-05 FXD, 2002-06 FLT with carburetor. VT No. 32-1810





V-Tech Ignition Kits are available in dual fire where there are two sparks at the same time and single fire where there is one spark for each cylinder when it is fired, separately. Each kit includes a mechanical advance unit and all hardware. Order coil separately VT No. 32-0467 coil has two separate coils inside to fire independently.

VT No.	Туре	Coil
32-0468	Dual Fire	32-0511
32-0469	Single Fire	32-0467
	Ignition	Wire Chrome Clamps.
-	VT No.	Туре
	37-9014	Points
37-9015	37-9015	Electronic



V-Tech™ Single Fire Coil gives one spark for each cylinder as fired and will mount to stock bracket and accept stock coil cover.

VT No. Finish 32-0467 Black 32-0474 Chrome

Self Learning Module from Accel helps regain control of fuel injected bike. Improves mileage while increasing power and torque, while reducing emissions. It works on all stock and mildly modified. Automatic recalibration-optimizing modifications gains expected from performance exhausts, air cleaners and camshafts. Easy installation-direct plug-in connections to factory throttle position, crank shaft position and oxygen sensors. Self learning-module seamlessly compensates for changing loads, weather conditions and altitude while you ride; no need for costly dyno tuning sessions or downloading new calibration maps to a laptop computer. Smoother running engine-eliminates pop and bang associated with a mis-programmed ECU due to intake or exhaust modifications, the need to re-flash the

factory ECU h	nas been eliminated,	truly a plug and play proposition.
VT No.	Accel No.	Fits
32-1700	SLM01	95-04 Touring*,01-04 Softail*
		02-04 Dynaglide* ,02-07 V-Rod
Kit include welded in.	s one O2 senso	r and one O2 sensor bung to be
32-1702	SLM03	08-11 V-Rod
Kit utilizes	factory installed	O2 sensors
32-1703		06-11 Dynaglide

07-11 Softail 07 Touring

Kit utilizes factory installed O2 sensors 32-1704 SLM05 08-09 Touring with "throttle by wire"



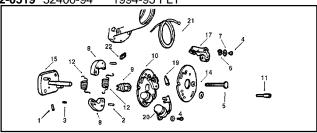


Ignition Sensor Plate Assembly. V

VINO.	OEIVI	FITS
32-9020	32400-80A	1980-93 F
		1984-95 F
32-0518	32404-90	1991-95 F
22 0540	22400.04	4004 05 5

FLT, 1980-94 FXR FXST FXD

3 1994-95 FLT 32-0519 32400-94



Advance Unit Rebuild Parts. VT No. OEM # Item 32-7510 32505-78A Rotor and Weight Assembly 12-1163 615

12-1163	615	1	Roll Pin Breaker Plate
12-1164	620	2 3	Roll Pin Breaker Weight
12-1162	623	3	Roll Pin, Breaker Plate
12-1152	8699		Pop Rivet for Cover
37-8809	1047,7115	4	Point Mount Plate Washer
	6189W		and Screw Assortment
32-0055	3570	5	Timing Screw
32-0138	32522-70	8	Weight Set
32-0053	32542-70A	9	Cam only
32-0549	32577-70	10	Breaker Base Assembly
32-0051	32601-78	11	Plate Mount Stud 1970-81
2745-2	As Above		Colony, Zinc
32-0049	32606-82	11	Plate Mount Stud 1982-up
32-0054	As Above	11	Oversize with 12/24 threads for
			Stripped out Covers
13-0121	32605-70	12	Springs
32-0042	32618-70A	14	Mount Plate only
32-0118	32661-70	17	Ignition Point
32-0411	32670-70	19	Terminal Kit
32-0121	32726-30A	20	Condenser and Bracket
32-1557	70456-73	21	Point Lead Wire
37-8971	10046	22	Point Lead Wire Clamp



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Unilite Breakerless Ignition System for all 1970-99 Twins. Dual fire unilite module features integrated photo coupler, signal processor and power switch. Requires mechanical advance assembly and ignition coil with 3.0 to 4.0 ohms.

VT No. Item 32-5119 Ignition System 32-7510 Mechanical Advance



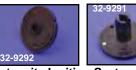
Crane Hi-4 fits all 1970-98 carbureted models and requires sensor cup for 1982 and earlier applications. Order tachometer interface, sensor cup and screw separately if required. Note: **Order Coils Listed Below**

VT No. Fits 32-0588 8.5 mm Wire Set 32-9087 Sensor Cup, replaces 32402-83 32-9052 Cup Screw, replaces 2611C









Crane Cams Hi-Intensity Ignition System converts early, points type 1970-79 Big Twin to electronic ignition. On 1980 and later models it will replaces stock electronic ignition, external module and rev limiter. Kit includes Hi module stand off screws and hardware. Order VT No. 32-7510 advance weight unit separately.

VT No. Item

> Single module/dual fire/single coil for a dual fire ignition system that replaces the stock point and condenser type ignition. Can be used with stock coil.

32-9291 Rotor for above

Dual module/single fire/single or dual coil when being used as single fire/single plug requires a coil. When used as dual plug

applications VT No. 32-9225 coil must be used.

32-9292 Rotor for above

32-7510 Advance unit



Crane Coils are available in high intensity for dual fire and mount to stock brackets. VT No. 32-9225

Single Fire: Just the spark plug for the piston that is in its compression stroke will be fired. The other piston, being in its overlap position will not be ignited. Dual Fire: Both spark plugs are fired simultaneously at the time only one piston in its compression stroke.

This is the way the stock engine works on preTC-88 motors. Single Plug: One spark plug in each head. Total of 2 spark plugs in one engine. Dual Plug: Two spark plugs in each head. Total of 4 spark plugs in one engine.

Carb Models Ignition Module



5.45

Fits all carbureted 1970-2000(except TC-88) and all 1971-up Sportster models, works in both single or dual fire applications and features 14 tuneable advance curves from stock to full performance, adjustable rev limiter, VOES input, tachometer output and front cylinder static time LED. Requires sensor cup for installation.

Accel Single/Dual Fire Ignition Module.

VT No. Item 32-0091

32-9087

Accel Single/Dual Fire Ignition Module Sensor Cup





S&S Spark Technology Ignition System

features an ECU module that will automatically adjust ignition timing. When detonation is detected by knock sensor, the ECU retards the ignition timing to prevent engine damage. When detonation is not present, ignition timing is advanced for maximum power and economy. Additional features include: Simple installation--plugs into stock harness, No timing adjustments, 7000 RPM rev limiter, single fire operation, automatic dwell adjust, short circuit and reverse polarity protected.

Installation Kit for carbureted models

32-7805 2004-2006 TC-88

32-1012 1999-2003 TC-88

1995-1999 Evolution Big Twins 32-1049 Crane HI4TC Ignition for TC88



Carbureted Engine Modes offers offers multi-spark performance, variable advance curves, and a digital rev limiter. It is a plugin replacement of the stock module and is

compatible with the factory security system. A crankshaft position sensor is employed to establish accurate firing. Rear cylinder timing can be offset from -5° to +4°; the same for initial timing. Both are easily adjusted by means of rotary switch on the unit. An additional rotary switch is used to select the advance curve, with choice of ten families. This enables the ignition to optimize the performace potential of the Twin-Cam 88® in any stage, from stock to wildly modified. Rotary switches also control the built-in Sequential Rev Limiter, which is adjustable from 1,500 to 9,900 RPM, and won't cause "popping and banging" like conventional rev limiters. Benefits of multiple spark system include easier starting (hot or cold), better low speed driveability and off-idle response. It pulses up to nine sparks per cycle at idle and three sparks up to 6,000 RPM, which also stops spark plug fouling and lean-surge. Fits 2004-up. VT No. 32-3180

Note: When using HI-4 Single Fire Ignition with "Dual Plug Cylinder Heads", two dual fire coils must be used (Crane Cams #8-3002 or 8-3006). Both the spark plug wires from one coil will go to the front cylinder, while both plug wire from

the other coil will go to the rear cylinder.



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Ignition





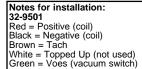
V-Tech Ignition Systems fit all 1970-98 carbureted models and requires sensor cup for 1982 and earlier applications. Order tach interface, sensor cup and screw separately if required. Note: Order Coils As Required.

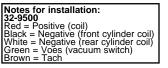
VT No. Fits

- 32-9501 Dual Fire Ignition fits Evolution, Shovelhead and Sportster through 1997. It can be set for Street or Race-Electric Start or Kick Starter. Includes 4000 to 8000 adjustable RPM limiter and adjustment for rate of advance. This unit is compatible with stock dual fire coils.
- 32-9500 Single Fire Ignition fits Evolution, Shovel and Sportster through 1997. It can be set for Street or Race-Electric or Kick Starter includes rear cylinder timing adjust-
- for rate of advance. Compatible with single fire coils. ment
- 32-9503 Single Fire Ignition Kit fits As Above

Includes coil and 8.5mm wires.

32-0588 8.5mm Wire Set







Dyna Application DC6-5 All FXR-FXST and Dynaglide models Dual Spark Plug Head Application DC6-4

Dyna Twin Fire Ignition Coils are designed to work with Dyna 2000 HD-I ignition modules. Twin fire coils are slightly larger than stock coils and fit the stock mounting bracket. Twin fire coils can be used with any electric advance ignition system that incorporates dwell control except Dyna DS6-2 or similar type ignitions

VT No. Dyňa Ohms/Type (A)Twin Fire II Miniature Dual Output

32-9285	DC6-5	З

Towers, Replaces DC6-3 32-9264 DC6-4 3 (B) Four output towers

Fits Dual Spark Plug

Dynatek Fusion EFI Ignition Module

Years	Model
2002-06	FLT
2007	FLT
2008-13	FLT
2014-16	FLT
2001-06	FLST, FXST
2007-11	FLST, FXST
2012-up	FLST, FXST
2004-05	FXD
2006-11	FXD
2012-up	FXD
	2002-06 2007 2008-13 2014-16 2001-06 2007-11 2012-up 2004-05 2006-11







Dyna 2000 Digital Ignition Systems. Systems include Dyna 2000 HD-1 Ignition Module and a matched Dyna Twin Fire Coil for each application.

VT No. # Fits 32-0802 SFK-3 1995-up FXR, FLT, FXST, FXD 32-0804 SFK-1 Pre1995 FXR, FLT, FXST, FXD 32-9118 Programming Software for 32-0802 32-9117 Programming Software for 32-0804



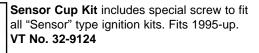
Dyna 2000 Ignition Modules Replacement can be used with stock electronic ignition.

Note: The stock ignition consist of a sensor plate and rotating cup. The 2000 will work on all 1970-up models but requires the 1983-up type ignition cup and sensor plate. The 2000 Advance curves will not work properly if installed with the pre1983 ignition cup and sensor. Dyna 2000 HD-1 can be used with both single fire (separate coils) or Dual fire (Single Coil). The Dyna 2000 HD-2 can be used as dual fire only. Both units feature programmable advance curves, rev limiter and LED diagnostic lamp for easy static timing and plugs into stock harness and bolts to stock module location. Also available with USB port that will allow mechanics or tuners more advanced programming but requires separate purchase of Dyna Programming kit. Note: Can only be used with suppression spark plug wires. On 1984-90 models Dyna extension harness must also be used. Years

- VT No. Item/Plug 32-9112 Dyna 2000 HD-1E 7 Pin
- 1984-95 With USB Port
- 32-9113 Dvna 2000 HD-2E 7 Pin 1984-95 with USB Port
- 32-9114 As Above with USB Port
- 32-9115 As Above with USB Port
- 32-1074 DD2000-HD7EFI 2010-16 FLT with EFI
- DD2000-HD8EFI 2007-11 FXST, FLST with EFI 32-1075
- 32-1076 DD2000-HD9EFI 2012-up FXST, FLST with EFI
- 32-9050 **Extension Cable**

32-9124

- 32-9085 7-8 Pin Conversion Harness
- 32-9087 Ignition Cup Only
- 32-9020 Sensor Assembly
- 32-9052 Cup Screw, 10 pack
- Programming Software for 32-9112, 32-9113 32-9117
- Programming Software for 32-9114, 32-9115 32-9118
- 32-9119 Programming Software for TC 88-2P



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Dyna 'S' Hi-Performance Ignition System is self contained, fits behind ignition cover, uses magnetic rotor with the original spark advancer, so factory advance curve is

maintained. Improves performance, extends spark plug life, eliminates points and condensers.

Note: For dual plugged heads, on 1980-up use advance mechanism, VT No. 32-7510 $\,$

VT No. 32-7778 (DS6-1)



Dyna 'S' Single Fire Ignition has the features of the Dyna 'S', but fires front and rear cylinders independently of

each other which allows accurate timing of each cylinder. Stock ignition systems fire both cylinders at the same time which has the wasted sparks on the exhaust stroke. This eliminates this inherent problem. For use with either dual or single plug heads. On 1980-up models, use VT No. 32-7510 Advance assembly. **VT No. 32-7777** (DS6-2)





Dyna 2000i Digital Ignition available as a module only or complete kits that include correct coil. Features include single or dual fire operation, 8 advance curves, built in tach driver, adjustable RPM limit from 6000 to 7500 and easy static timing with built in timing indicator. Fits all 1970-98 carbureted models and requires 1983-up sensor cup for 1982 and earlier applications. Advanced Programming Software allows the mechanic or tuner the ability to fine tune 2000I Ignition but requires adapter.

VT No.	Item	Plug	Fire	Coil
32-9151	Kit	Single	Single	DC3-1
32-9152	Kit	Dual	Single	DC1-1
32-9153	Kit	Dual	Dual	DC2-1
32-9155	Kit	Single	Single	DC6-5
	Miniature coil			DC6-5
32-9159	Module Only			
32-9087	Sensor Cup			
32-9052	Cup Screw, 10 pack			
32-9120	Advanced Programming Software for			
	Above Ignition	IS		
32-9121	Software Adap	oter Harness		







Dyna S Performance Ignition Systems. Available in dual or single fire for street applications only. Each kit includes sensor plate assembly and correct coil for each application. Single plug only. 1980-up applications require 32-7510 advance mecha-

nism. **VT No. # Type 32-0800** DSK-6-2 Single Fire **32-0801** SDK-6-1 Dual Fire

Replacement Rotor for Dyna Ignitions. **VT No. Fits**

32-9300 DS-6-1 **32-9301** DS-6-2



Dyna Coils generate 35,000 volts and work with all points ignitions as well as aftermarket or factory electronic ignitions. Note: 32-7792 is electronic, 32-7793 is for points ignition.

VT No.	#	Volt	Ohm	Dyna	Туре	U/M
32-7789	A	12V	3	DC-1	Angle, Dual	Pair
32-7790	А	6V	1 ¹ /2	DC-2	Angle, Dual	Pair
Use 2 for	dual plug	head	S			
32-7792	С	12V	3	DC-6	Stock, Dual	Each
32-7793*	С	12V	5	DC-7	Stock, Dual	Each
32-8055	В	12V	3	DC-3	Angle, Single	Pair
32-8086	А	12V	5	DC-8	Angle, Dual	Pair
32-9035	В	12V	5	DC-10-1	Angle, Single	Pair
*Note: Use two for single fire ignition.						



Dyna Ignition Booster is for single points systems only. It transforms incon-

sistent electrical surges into controlled bursts of energy so that the coil power is not wasted.

VT No. 32-7787

Dyna Electric Tachometer Adapter Kit must be used with Dyna 'S' single fire ignition is installed on any twins when electric tachometer is used. **VT No. 32-7799**



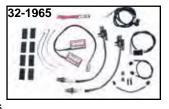


Power Commander V Fuel and Ignition Timing Control for each cylinder in a new smaller enclosure. Rev Xtend feature increases stock rev limiter. Switch between two maps "sent on the fly" can be adjusted on a "per gear" basis and allows for one map per cylinder per gear if required.Adjustment of fuel and timing is based on engine temperature provided by the cold start feature. Will power up with USB cable only for programming. **Note:** Not legal for use on pollution controlled vehicles. **VT No.** Fits

32-0842 2007-11 FXST-FXCWC-FLSTF

32-0843 2009-11 FLSTC/FLSTN (plastic mount tray included)

- 32-1960 2009 FLT
- 32-1961 2009 Dynaglide
- 32-1962 2010-13 FLT
- 32-1039 2012 FXST, FLST
- **32-1043** 2012 Dynaglide
- **32-1048** 2013-up Dynaglide



Automatic Tune Kit for all HD

PC-V Power Commanders plugs

directly into the PC-V with a single cable. It includes power connector that plugs into a bike's harness. Rider can specify what air/fuel ratio to make each RPM and throttle position combination. Base settings are included and fully adjustable. Fits 1996-

99 FLT. VT No. 32-1965

Emissions and Noise Regulations

Important Information:

Disclaimer: The California Air Resources Board (CARB does not permit the use of aftermarket emission-related parts) that alter the performance of OEM emission-related devices unless CARB has issued an executive order, other than on racing vehicles on closed course. Check your local laws and manufacturer's information.

Disclaimer: Emission related parts for OEM Non-emission control system equipped motorcycles as well as slip on mufflers that mount downstream of and which do not alter the performance of OEM emission-related devices, are considered legal replacement parts by CARB. More California exhaust information is available a www. arb.aa.gov.

Disclaimer: Aftermarket products, including but not limited to exhausts, fuel, air contollers, air filter kits, camshafts and carburetors and jet kits which alter, modify, or replace emission control devices or systems of an originally compliant highway motorcycle, are not legal for sale or street use in California unless they have been issued a CARB Executive Order. Aftermarket emissions related products which have not been issued an Executive Order or which are not aftermarket Replacement Parts, as defined in Title 13, California Code of Regulations, Section 1900 (b)(2). are authorized for closed circuit race use only. Products shown may be designed, manufactured, intended and sold for closed circuit race use only and use of the same on public roads or lands may be a violation of local, state and/or federal laws. See manufacturer's information and state and local laws to determine what is authorized for your use on your vehicle.

Disclaimer: Products shown may not conform to federal, state or local noise regulations.

Warranty Disclaimer: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Discoloration (blueing) is caused by tuning characteristics, i.e. cam timing, carburetor, etc. and is not caused by defective manufacturing. Disclaimer: Check your applicable laws and manufacturer's publication(s) and/ or website(s) for manufacturer's warranty, maintenance, safety, mounting and any regulatory compliance/non-compliance information.



Power Commander III USB Engine Management Systems are for fuel injected models and allow for both fuel and ignition adjustments. Each unit includes a specific map, designed to improve performance over stock. The Power Commander includes IBM compatible link cable and software package which allows you to fully map the fuel ignition curves on IBM compatible computers. If a computer is not available, the fuel curves can be adjusted by using three touch buttons on the face plate.

 VT No.
 Year
 Model

 32-3001
 1997-98
 Evolution

 Big Twins
 32-3005
 2002-06
 V-Rod

 32-3008
 2004-05
 TC-88
 Dynaglide

VT No. Year	Model
32-3011*2006	TC-88
	Dynaglide
32-3012* 2007	FLT
32-3013*2007-up	FXST
32-3014*2007-up	Dynaglide
32-3037 2008	FLT
*Note: Includes O	eliminators



Vance & Hines Fuel Pak is a throttle position sensor based system that simplifies the process of fuel injection tuning. It enables you to fine tune the fuel mixture throughout

the entire RPM range. No computer or software is required. Simply punch in the values supplied with the fuel pak. Requires use of high performance air cleaner. Order parts for Softail.

 VT No.
 Fits

 32-0293
 2007-up FXST/B/C SSE, 2007-08 FLSTF

 32-0292
 2002-07 FLT, FLHT, FLHR

 32-0294
 2008-10 FLT, FLHT, FLHR

 32-0295
 2011-16 FLT, FLHT, FLHR

32-1056



DynoJet Power Vision Flash Tuner offers the latest flash tuning technology and data logging. Includes a full color touch screen flash device, vehicle interface cable, and winPV. Types of tunes that are deliverable to your bike are pre-configured, which are loaded on th device from DynoJet. When using the pre-configured tunes, this device will identify the ECM strategy, stock calibration, and sort the tune files. Custom tunes option can be loaded or emailed to you by a custom tuner, or a copy of your stock tune can be used. The tuner holds any combination of the three types, but up to six tunes. Fits 2001-10 FLST, 2004-11 FXD, 2001-10 FLST, 2002-13 FLT.

VT No. 32-1056





BIG TWIN



Twin Tec TCFI Fuel Injection Kit for 2001-11 TC-88 with Delphi Fuel Injection System includes plug in fuel injection controller, PC link, interface cable, Wego wide band exhaust gas oxygen sensor and weld nut for exhaust pipe. The TCFI solves tuning problems with highly modified engines. Features a fully programmable plug in replacement for Delphi Controller which allows programming of advance curves, idle air control including idle RPM and cold start characteristics. The TCFI communicates diagnostic information by blinking codes on the check engine LED. The unit also has built in data logging that stores data for the last 15 minutes of operation. Fits all 2001-up.

*Note Oxygen sensor must be installed in rear exhaust pipe.

VT No.	ltem
32-1004	TCFI2D-Kit
32-1016	TCFI3D-Kit
32-1017*	TCFI3D-Kit

*Note: Same features as 32-1016 with the addition of extended data logging and diagnostics.

1984-90 All FXR

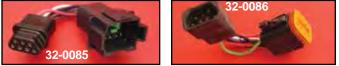
Fits

Vacuum Switch Assembly

VT No.	OEM
32-9079	26557-83
32-9080	26558-84
32-9083	26566-91

1984-90 FXST 1986-89 All FLT 1991-95 All FXST-FLST, Dynaglide and FXR

32-9083



Ignition Module Adapters allow use of seven pin module (1991-93) going to eight-pin Deutsch (1994-99) wiring harness or an eight pin module going to a seven pin harness. Cannot be used on electronic fuel injected models.

VT No. Fits

32-0085 7 Pin Adapter to 8 Pin Module **32-0086** 8 Pin Adapter to 7 Pin Module



Vance & Hines Throttle Pack designed for throttle by wire, the throttle pak improves the responsiveness of your engine by eliminating the factory programmed electronic

lag. Compatible with any exhaust system or fuel tuner. Easy plugin installation into the throttle body. This throttle pak modifies the speed and degree of the throttle body opening the throttle plate. Fuel curve and timing curve are not affected.

VT No. 32-1035





Twin Tuner II features all the same function as the original Twin Tuner and includes ignition timing control capability. Easily adjust the OEM fuel injection controller and ignition to math the requirements of performance parts. Allows the use of the up and down buttons to make fuel trim adjustment and the valve is displayed on LED board also has advanced mode that will allow the tuner to make precise adjustment to each cylinder. Requires optional USB interface cable VT No. 32-3045 Compatible with Twin Scan II Turning Aid. VT No. 16-0378

VT No. Fits

Daytona

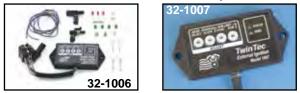
Twin Tec

32-3042 2001-2011 FXST, FLST, FXD with 36 pin Delphi **32-3043** 2012-up FXST, FLST, FXE with can data bus **32-3044** 2008-16 FLT with 73 pin Delphi **32-3045** Optional USB Interface Cable



Twin Tec External Ignition for 1999-06 Carbureted Twin Cam Models. Wide timing advance adjustment range accommodates stock to highly modified engines. Features digitally set RPM Limit (100 RPM Steps). Selectable multi-spark mode for quick starting and smooth cruise. Coil outputs protected against short circuits. Billet aluminum housing with black anodized finish. Easy plug-in installation supports all sensors including theft/security module. VT No. Years

32-1008 1999-03 TC-88 Carburetor Only **32-1014** 2003-06 TC-88 and XL Carburetor Only



Twin Tec External Plug In Ignition for 1990-99 Evolution Big Twins features 4 rotary switches used to set the operating modes such as single or dual fire, adjust the timing, advance and select RPM limit. Two diagnostic LED's indicate status and start of the VOES switch. The status LED is also used for static timing as it will flash when the engine reaches top dead center.

VT No. Item

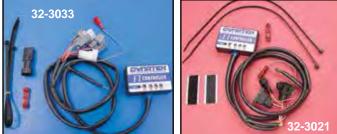
32-1006 1990-94 with 7 pin Connector **32-1007** 1995-99 with 8 pin Connector



Caution: These products are not legal for sale or use in California on pollution controlled vehicles. These products are intended for non-highway only.







Dyna Tek FI Controller is a plug module that offers 3 user selectable base fuel curves that are designed to improve engine operation and can be modified to suit a wide variety of modifications. Fuel mixture can be enriched or leaned as required. The Dyna FI controller uses the factory connectors for easy installation and there is no PC required for tuning or adjusting the fuel curves. There are no modifications required to the stock ECU and removing the Dynaglide FI controller returns the vehicle to the factory configuration.

VT No.	Fits
32-3021	1997-98 FLT Evolution
32-3022	1999-01 FLT TC-88
32-3023	2002-05 FLT TC-88
32-3025	2006 FLT
32-3026	2006-FXST
32-3027	2006 FXD
32-3032	2007 FLT
32-3033	2007-09 FXST
32-3034	2007-09 FXD
32-3138	2008 FLT
32-3139	2009 FLT
32-3046	2001-08 FXST





EFI Replacement and High Flow Fuel Injectors. Sold in flow matched sets of two injectors and includes detailed test report of injectors performance. *Note: Not legal for sale or use in California or on any pollution controlled vehicles.

32-1369

or on any p		trolled vehicl	63.			
VT No.	Flow	Max HP	Max HP	Spray Angle		
	Rating	for E10 at	for E85 at	(Degrees)		
	(gm/sec	60% Duty	80% Duty			
	at 58 psi)	Cycle	Cycle			
Injectors f	or 2001-20	05 FLT, FXS1	<u>r, FLST, FXD</u>	w/Delphi EFI		
32-1365	4.5	95		25		
32-1366	5.4	115		25		
32-1367	6.2	130	95	25		
32-1368	7.1	150	110	25		
Injectors f	or 2006-15	FXST, FLST,	2006-07 FL	T, 2006-16 FXD		
(Except V-	Rod™ and	Sportster®)				
32-1369*	3.9	85		25		
32-1370	5.4	115		25		
32-1371	6.2	130	95	25		
32-1372	7.1	150	110	25		
32-1373	7.8	165	120	25		
*Note: Rep	placement for	or OE 277709	9-06A			
Injectors f	Injectors for 2008-up FLT, 2016-up FXST, FLST, 2017-up FXD					
electronic throttle control models						
32-1374	5.4	115		18		
32-1375	6.2	130	95	18		
32-1376	7.1	150	110	18		
32-1377	7.8	165	120	18		



Fuel Injection Replacement Parts for 1995-up EFI (Electronic Fuel Injection) systems.

VT No.	OEM	Item			
32-0504	27219-95	Fuel Pressure Regulator 300 KPA			
32-0495	As Above	350 KPA			
32-0499	27609-01	Fuel Injector			
32-0498	As Above	High Flow			
32-0497	32424-95	Barometric Pressure Sensor 100 KPA			
32-0496	As Above	250 KPA			
32-0494	27628-01	Idle Air Control Motor			
32-0567	27658-06	Idle Air Control			
32-0505	27270-95	Air Temperature Sensor			
32-0506	32446-99	Engine Temperature Sensor			
32-0534		Throttle Position Sensor			
32-0568		Throttle Position Sensor			
	27135-97	Fuel Injector			
32-0536	31511-01A	Relay with Diode			
32-0537		Map Sensor			
32-0569	32315-01	Coolant Temperature Sensor			
14-0688		Gasket and Seal Kit			
30-0423		Oxygen Sensor Plug			
30-0434		Oxygen Sensor XL			
30-0433	27683-07	Oxygen Sensor 2007-12 FXD,			
		2007-11 FXST, 2009 FLT			
30-0487		Oxygen Sensor 2009-up V-Rod			
30-0431		Oxygen Sensor 2010-up FLT Front			
30-0489	32700005	Oxygen Sensor 2012-up FXD, FXST,			
		FLST Front			
30-0490	32700006	Oxygen Sensor 2012-up FXD, FXST,			
		FLST Front			
30-0432	27809-10	Oxygen Sensor 2010-up FLT rear			
	Ó	Fuel Valve Pressure Regulator Housing fits 2002- 07 FLT, 2001-2007 FLST,			



FXST. Replaces OEM # 62373-01. VT No. 35-0017 Oxygen Sensor Sealing Washer VT No. Year Size

15-0081 2006-10 18 mm **15-0012** 2011-up 12 mm



Chrome Crank Sensor Cover includes mount screw. 1999-up FXD-FLT. VT No. 42-0953

STOP p

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• Continuously auto-tunes fuel curves for front and rear cylinders under actual riding conditions with WEGO IIID dual channel wide-band oxygen sensor interface.

Robust alpha-N (throttle position and RPM based fuel control

eliminates problems with long duration/high overlap camshafts.

Extended data logging and diagnostics. DataFLASH memory stores full 60 minutes of operating data at 10 samples/second.
Powerful Windows software for custom programming and

extending data logging and diagnostics.

 The TCFI solves tuning problems with highly modified engines. High-end automotive racing application use ALPHA-N (throttle position and RPM based) fuel control. ALPHA-N eliminates any dependence on manifold pressure and if unaffected by long duration/high overlap camshafts. The TCFI bring this prove technology to the market places.

 Idle air control including idle RPM and cold start characteristics are fully programmable. This facilitates the use of aftermarket throttle bodies with higher air flow.

• Includes TCFI Gen 5 fuel injection controller, USB interface for PC link, WEGO IIId dual channel wide-band exhaust gas oxygen sensor interface, two Bosch LSU 4.2 wide-band exhaust gas oxygen sensors, and two 18 x 1.5mm weld nuts for the exhaust pipe.

Fits 2012-up FXST, FLST, FXD. VT No. 32-7402



Daytona Twin Tec TCFI Gen 4 Auto Tune Fuel Injection Controller is fully programmable plug in replacement for the 36 pin Delphi controller with J1850 data bus.

• Quickly auto-tune fuel curves for front and rear cylinder on a dyno or on-road with new WEGO IID dual channel wide band oxygen sensor interface.

• Fully programmable plug-in for 36 pin Delphi® controller with J1850 data bus.

Powerful Windows software for custom programming and data analysis

• Full support J1850 data bus used for communications with

turn signal/security module (TSM/TSSM) and instrument cluster • Support for new 6th gear indicator.

• Extended data logging and diagnostics. DataFLASH memory stores full 60 minutes of operating data at 10 samples/second.

• Programmable user input and output.

Billet aluminum housing with black anodized finish

- Easy plug-in installation
- Supports all sensors including theft/security module

Includes TCFI Gen 4 plug-in fuel injection controller with billet aluminum housing with black finish, dual channel wide band exhaust gas oxygen sensor interface, two Bosch LSU 4.2 wide band exhaust gas oxygen sensors, and two 18 x 1.5mm weld nuts for exhaust pipes. Quickly auto-tune fuel curves for front and rear cylinders on a dyno or on-road. The robust alpha-N fuel control eliminates problems with long duration/high overlap camshafts. Windows software provides custom programming and data analysis. Its full support for J1850 data bus used for communications with turn signal/security module and instrument cluster.

*NOTE: Not legal for sale or use on pollution controlled vehicles.

VT No. Fits

32-7400 2001-11 FXST, FLST, FXD; 2001-07 FLT **32-7401** 2007-up Sportster



Daytona Twin Tec Ignition Controller



Twin Tuner Fuel Injection Controller for 2008-11 FLT models. Features include increased horsepower, improved throttle response, easy plug-in installation and setup; can be used with Dynojet Power Commander Maps and is compatible with Twin Scan II service tool VT No. 16-0378. The Twin Tuner allows you to easily adjust your fuel injection to match the requirements of performance parts. You can add or subtract fuel by using the mode and up/down push button switches. **VT No. Fits**

32-3038 2008-11 FLT with 73 pin Delphi EFI **32-3039** 2001-10 FXST, FLST, FXD with 36 pin Delphi EFI **32-3040** 2012-up FXST, FLST, FXD **32-3041** 2011 FXST



V-Thunder Products for Evolution Electronic Fuel Injected models

Year

VT No. Description

32-0718	Injection Overdrive™(A)	1995-96	
32-0719	Injection Overdrive™(A)	1997-98	
32-0730	Includes VTE 2700P and		
lunn extent lui	V-Thunder Fuel Injected Cam	1997-98	

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Chrome Voltage Regulator Cover features open center grill to allow for cooling of regulator.

 VT No.
 Fits

 42-0927
 1989-99 Softail models (VT)

 42-0079
 2001-09 Softail Models (VT)

42-0685 1991-03 FXD (VT)

Chrome Regulator Mount Hardware Kits.VT No.Fits37-92571976-84 FX-FL, 1984-95 Softails,
1991-95 Dynaglide, Allen37-925880-95 FXR-FLHT, Allen

 2046-8
 2000-up Softail, Allen

 2046-8-P
 2000-up Softail, Polished Allen

 2047-4
 2000-up Softail, Acorn

Chrome Volt Pack Cover bolts on 1987-2000 Softail models with stock hardware. VT No. 42-0093



Chrome Regulator Covers for module. Fits 1980-99. VT No. 42-0399





Chrome Ignition Module Cover is a replacement for 1991-up Dynaglides.

VT No. Year 42-0781 1991-98 42-0803 1999-03 42-1043 1999-03 42-1001 2004-11 42-1044 2004-11 42-1109 2004-up



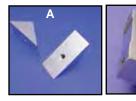
Chrome Die-Cast Volt Pack Cover fits all stock rectifiers. Fits 1970-99. Engineered to improve cooling for extended regulator life. Chrome finish reflects engine and exhaust heat Grooved to interlock with regulator 20% more fin area than stock

VT No. 42-0405

Bracket



Regulator MountBrackets attach toengine mount.VT No.Type31-0172Zinc31-0784Chrome



Front Engine Mount Blocks act as nuts for front bolts and will mount regulator. VT No. Type 31-0739 A 31-0635 B



Chrome Regulator Bracket fits 1980-99 Big Twin VT No. 31-1261



FXST Regulator Relocation Mounting Bracket allows regulator to be mounted in higher location to allow for increased front fender to frame clearance.

Alloy Regular Bracket fits TC-88B

models with oval shape regulator.

VT No. 31-0725



Allows mounting of regulator directly below oil filter. VT No. 31-0806 Stainless Regulator Mount bolts to front engine mount on Big Twin mod-



Regulator



BIG TWIN





31-0857

Plug Retainer replaces 45095-85 on all 1970-1988 Big Twin. Secures connector plug to alternator plug in case, prevents faulty contact. VT No. 13-0219

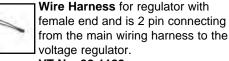
Chrome Alternator Plug Retainer bolts to the front left motor mount bolt for 1970-88 Big Twin.

VT No. 31-0857





Chrome Die-Cast Regulator Plug Retainer for Big Twin. VT No. Year 31-0737 1970-88 31-0738 1989-up



VT No. 32-1122

349



32-0598

32-0604

32-0603

37-8812

37-8811

37-9003

37-9126

Kit

29954-71

29988-73

2216W

2653

2712

2720

А

В

С

D

D

Complete, all

Screw, 10 pack

Lock Plate, 10 pack

Screw, Fillister, 7/8"

Nylon Retainer, 10 pack

Screw, with Lock Patch, 7/8"

Screw, with Lock Patch, 1"

VT No. Fit 32-1854 Stator (32-0529) 32-1855 Regulator (32-0898) 32-1875 Deutsch Connector Assembly 32-1207

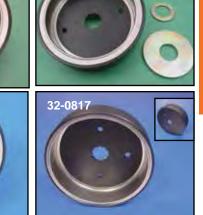
Warranty

All Electrical Components sold as individual pieces or in kits are covered under our warranty <u>"Replacement Only"</u> Provision. All electrical related item part numbers begin with a 32 prefix. No credit will be issued for these items as they are exchange only.









Volt Tech Big Twin Alternator Rotors feature vibration proof construction. Magnets are held in place by stainless steel non-magnetic insert for durability. *Note: Built-in spacer in spline area.

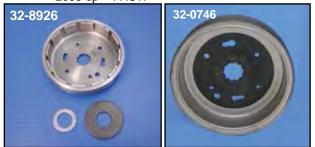
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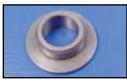
VT No.	Year	Model
32-0758*	1970-90	ST-FX
32-0759	1981-00	ST-FX
32-0530	1995-05	FLT
	2001-06	ST
	2004-05	FXD
32-0817	2006 only	FLT
32-0870	2012-up	FXST-FLST
	2012-up	FXD
	2011-16	FLT
	2008-up	FXCW





45 Amp Rotor Only will convert system to 45 amp using stock stator. The V-Tech rotor features sealed magnets by a stainless insert. Replaces 29999-97. The 1.5" wide rotors fit 1999-

05 Big Twins. VT No. Type 32-8926 V-Twin 32-0746 V-Tech



Engine Shaft Spacer features built in seal flange to give added support for alternator rotor. VT No. 10-0948



Big Twin Alternator Rotor Puller uses the two threaded holes in rotor to allow removal of rotor. VT No. 16-0693

Big Twin Alternator Rotor features OE type with magnetic inserts installed.

VT No.	OEM	Amp	Item/Fits
32-7796	29957-81B	32	Rotor, 1982-2000 FXST-FLST,
			1982-94 FLT, 1982-up FXR, FXD
32-0830	29981-95	38	1995-05 FLT, 2001-06 FXST,
			FLST, 2004-05 FXD
32-1344	40356-06B		2006 FXD
32-0951	40356-07	50	2007-up FXD, Rotor
			2007-11 FXST-FLST, 2007-11 FX

32-1344

32-7796

T, 2001-06 FXST, -05 FXD D, Rotor ST-FLST, 2007-11 FX 2007-10 FLT



VT No.	OEM	Туре	Year	
10-6121	Special	Large Spacer	—	= :
10-6122	Special	Large/Small Spacer Kit	—	
32-0899	29923-01A	Small Spacer	2001-up	
10-2558	29961-85	Small Spacer	1985-90	12-1
10-2550	29960-85	Large Spacer 1985-up	1985-90	
10-2549	29960-91	Small Spacer 1991-up	1991-up	
12-1160	603	Alt Roll Pin		
6		DESEAS		



Order Spacer and Shims separately.

10-042

VT No.	OEM	Year	Size	ltem
10-0427	24002-70	1970-up		Spacer
10-0428	24032-70	1970-up	.060"	Shim
	24033-70	1970-up	.090"	Shim
Set of 6	24034-70	1970-up	.120"	Shim
	24035-70	1970-up	.150"	Shim
	24036-70	1970-up	.180"	Shim
	24037-70	1970-up	.210"	Shim
10-2549	Special	1970-up	.250"	Shim

32-0759











"Volt Tech" Alternator Kit fits 1984-up Big Twins includes stator, rotor with stainless liner "to seal magnets in place" chrome regulator and mount kit. *Note: Does not fit FXD models.

VŤ No.	Regulator	Fits	Amp
32-0775*	32-0781	1984-88 FLT-FXR	32
		1989-99 All Big Twin	
32-7807	32-0781	As Above with reinfor	ced rotor splines (A)

32-7807 32-0781





Big Twin Alternator Charging System features all components including stator, rotor, black solid state regulator, plug retainer and mount kit.

VT No. 16-0692

VT No.	Regulator	AMP
32-7500	32-0667	22
32-8927*	32-9098	32

Fits 1984-88 1984-88 FLT-FXR & 1989-99 All Big Twins

*Note: Features unmolded stator.

Alternator Sealing Ring Service Alternator Repair Ring Only.



Motor Shop Alternator Sealing Ring Replacement Service. Ship in 1970-up left hand case with damaged O-Ring lip and we will machine out and replace with new steel sealing ring. VT No. 60-0164



Big Twin Alternator Rotor Puller uses the two threaded holes in rotor to allow removal of rotor. VT No. 16-0693



Big Twin Alternator Rotor

Puller uses the sprocket shaft end to center and the two threaded holes in rotor to allow removal of rotor. VT No. 16-1054



BIG TWIN

Charging Systems for Touring



*Note: For 1995-2005 FLT models, use with 31-0166 zinc recifier regulator bracket mount.







VOL7 Alternator Kit









32-0839





Alternator Kit features sealed rotor, stator, regulator and bracket. All feature Deutsch connectors. **38 Amp Softail 3 Phase**

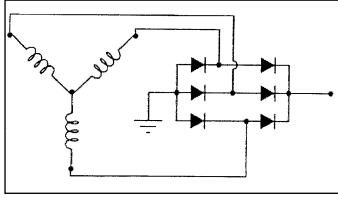
Kit	Regulator	Year	Model
32-0388	32-0378	1999-03	FXD
		2000	FXST
32-0939		2006-08	FXD (Alternator Stator& Rotor)
32-0373*	* 32-0784	2001-06	FLST-FXST, 1995-05 FLT
	32-0378		FLST-FXST, 1991-98 FXD
50 Am	p, 3 Phas	se 🛛	
32-0773	32-7512	2006-07	FXD stock, 2006 FXD upgrade
32-0839	32-0979	2008-10	FXD, 3 Phase
32-1280		2008-11	FXD, 3 Phase
32-0774	32-0979	2007	FXST, 3 Phase
32-0840	32-0381	2008-10	FXST, 3 Phase
32-0544		2011-16	FLT; Note: 54 Amp
		2009-16	FLHX
	4005 0005		

*Note: For 1995-2005 FLT models, use with 31-0166 zinc recifier regulator bracket mount.





45 Amp Rotor fits 1999-05 Big Twins for upgrade. VT No. Brand 32-8926 V-Twin 32-0746 V-Tech *Note: Rotor can only be used with VT No. 32-7780 kit to upgrade kit to 45 amps.



Some basic factoids about 3 Phase...Most of the electric power in the world is 3 Phase. The concept was originally conceived by Nikola Tesla and was proven that 3 Phase was far superior to single phase power. 3 Phase power is typically 150% more efficient than single phase in the same power range. In a single phase unit the power falls to zero three times during each cycle in 3 Phase it never drops to zero. The power deliver to the load is the same at any instant. Also, in 3 Phase the conductors need only be 75% the size of conductors for single phase for the same power output. Therefore, a 3 Phase system provides more current delivery for EFI and other electrical accessories and provides more charging power for increased battery life and easier starting. Not really much more complicated than single phase but much more efficient!

Starter Motor 1989-up Big Twin



Chrome Starter Motor is fully chrome plated including the aluminum parts. For all 1989-05 Big Twins except 2006-up Dynaglide models. 32-0998 includes remote starter button.

VT No. Kw 32-0998 2.4 32-0248 1.4

	12	32-	9266
		-	OP
20	11		0
32-1427	2.0	0	

00 000

Twin. VT No. Fits 32-9266 1991-05 FXD, 1991-06 FXST, FLST, FLT 32-9345 2006-up FXD,

Solenoid Repair Kit for 1991-up Big

2007-up FXST, FLST, FLT 32-1427 1989-06 Big Twin



Start Boost Relay provides full battery voltage to coil during cranking, eliminating the 1-2 volt drop through the wiring harness in single fire applications.

VT No. 32-3000



42-11

Starter Motor End Cover

 Dresses the end of the starter motor for a clean look on all 2017-up FLT models. Available with chrome or gloss black. Black Chrome 42-1167 42-1168





Cover fits 1991-05 FXD and 1991-94 FXR. VT No. 42-0152



Cover

Chrome Starter Solenoid Plate replaces 31688-90, 1990-up Big Twin. VT No. 32-7798

32-0242 1989-93 Motor 32-0243* 1989-93 Motor **32-9266** 31604-91 1991-up Solenoid Repair Kit *Note: Provides 15% greater torque over stock starter motor.

Fits

except 2006-up Dynaglide models.

OEM

32-0243

Stock Starter Motors and Parts for all 1989-06 Big Twin



Item

Finish

Black

Chrome

Big Twin Starter Motor Replacement Bearings. VT No. OEM Fits

		1 1.0
12-9994	8882	1989-90 Commutator End
12-9996	8883	1991-up Commutator End
12-9995	8871	1991-up Gear End

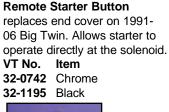
8871 1991-up Gear End

32-0742 installed on 32-5115

32-0242

32-9266

VT No.









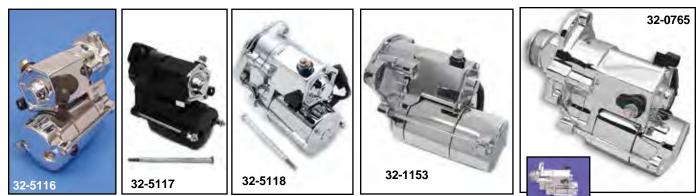










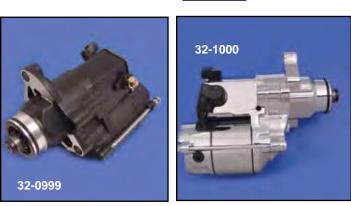


High Torque Starter Motors by Volt Tech are available in back or polished/chrome finish and in either 1.4 kw field wound or 1.7 kw permanent magnet types. Stock starter motor is 1.2 kw field wound type. Polished/chrome units have all aluminum parts polished and all steel parts are chrome plated. Black units are black powder coated.

are black powder coaled.				
VT No.	Finish	KW		
1989-93				
32-1150	Black	1.4		
32-1151	Chrome	1.4		
32-1152	Chrome	1.8		
1994-06 FX	ST, FLST, FLT; 1994-05	FXD		
32-5115	Black	1.4		
32-5116	Polish/Chrome	1.4		
32-5117	Black	1.7		
32-5118	Polish/Chrome	1.7		
32-1153	Chrome 1.8			
2006-up Dy	naglide, 2007-up Softail,	2007-up FLT		
32-0765	Chrome	1.4		
32-0999	Black	1.4		
32-1000	Chrome	1.4		



2.4 KW Starter Kit includes chrome starter and full jack shaft kit to fit 1989-06 models except 2006-up Dynaglide. **VT No. 32-9202**





Starter Drive Gear Set includes 9T pinion gear and 66T or 84T ring gear with mounting hardware. This ratio allows more RPM for easier starting and the heavier teeth configuration is less susceptible to wear by converting the 102 tooth ring gear to 66 or 84T.

Softail/FLT

66T	9T	84T	9Т	Year
	Replacement		Replacement	
_	<u>.</u>	18-0335	18-0445	1990-93 All
				Big Twin
18-0360	32-9201	18-0365	18-0446*	1994-97 All
				Big Twin
18-0361	32-9201	18-0366	18-0446*	1998-05
				Dynaglide
				2006

Hardware 37-0018 — *Note: 10 Tooth

Replacement Bolts for Above







Easy Starter Kits for Big Twin models improves starting on high compression big inch engines through an improved starter-toclutch basket gear ratio. Complete kits include a clutch basket with bearing for Big Twin models with 66-tooth starter ring and a 9-tooth starter pinion gear.

3-10011 318	
VT No.	Year
18-1220	1994-97
18-1221	1998-06
32-9201	9T Gear



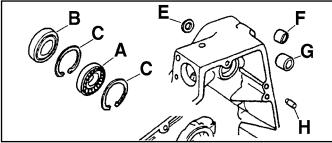
Ring Gears



Big Twin Starter Ring Gears for replacement on stock clutch drums only bolt on type. Note: Bolt on types include screws. VT No. Year Teeth 18-8307 1991-93 66T

18-8308 1994-97 102T **18-8319** 1998-06 102T





Inner Primary Hardware fits Big Twin 5 Speed 1989-up FXST-FLST.

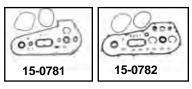
VT No.	# OEM	Item
12-0357	A 9135	Bearing
14-0159	B 12052	Seal, 1985-up, 5pack
12-0969	C 60678-85	Retaining Ring
10-8527	F 33445-89	Starter Shaft Inner Bushing, 1989-93
10-8548	F 33445-94	Starter Shaft Inner Bushing, 1994-up
14-0920	E 12053A	Seals, 1989-93, 5 pack
14-0961	E 12066	Seal 1994-up
12-1198	H 221	Pin, Dowel
10-8528	G 33446-89	Starter Shaft Outer Bushing
10-8549	G 33446-93	Starter Shaft Outer Bushing, 1994-up
10-1312	Custom	Starter Outer Shaft Bushing, raw
12-1253	н —	Transmission Dowel Pin





Inner Primary Bearing Kit for Late 1985-up Big Twins includes bearing, seal, two snap rings and one inner race.

1985-931994-0512-058912-0591Kits with gaskets.15-07791994-0615-07811986-8915-07821990-93



15-0779

Starter Shaft 1989-up



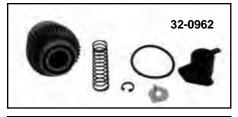


1989-up Big Twin Starter Coupler and Related Parts

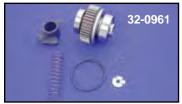
VT No.	OEM	#	Item
37-9243	4325	А	1989-93 Bolt
37-9244	4358	А	1994-up Bolt
12-0981	11182	В	1989-up Retaining Ring
12-0978	11183	С	1989-93 Retaining Ring
12-0985	11248	С	1994-up Retaining Ring
12-0216	11220	D	1989 Key
14-0920	12053A	Е	1989-up Seal
32-9270	31342-93	F	1993 Pinion Gear
32-9271	31342-94	F	1994-up Pinion Gear
32-9227	31430-90	G	1993 Thrust Washer
32-9273	31430-94	G	1994-up Thrust Washer
32-9238	As Above		1989-93 Shaft and Gear Kit, Sifton
32-9228	31548-90	Н	1990-up Coupling
32-9275	33120-89	Ι	1989 Shaft
32-9277	33127-93	Ι	1993 Shaft
32-9278	33127-94	Ι	1994-up Shaft
17-0930	33125-89	Κ	1989 Lock Plate
32-9229	33126-90	Κ	1990-92 Lock Plate
32-9280	33126-93	Κ	1993 Lock Plate
32-9281	33126-94	Κ	1994-up Lock Plate
14-0569	33345-89	L	1989 O-Ring
14-0960	33340-90	L	1990-91 O-Ring
13-9203	33447-89	М	1989 Spring Pinion Gear
13-9221	33449-90	М	1990-93 Spring Pinion Gear
13-9255		М	1994-up Spring Pinion Gear
17-9162	60647-90	Ν	1990-93 Coupling
17-9164	60647-94	Ν	1994-up Coupling



Starter Drive







Starter Clutch Drive Kits for Big Twin include clutch drive, O-ring, lock tab, seals, spring and cable boot. VT No.

Year 32-0962 1991-92 **32-0963** 1993 32-0961 1994-up



Starter Shaft Kit includes parts shown, drive included. Fits 1994-up FXST. VT No. 32-9203







32-1561







Starter Drive for Big Twin features high strength five roller clutch, stainless steel springs, hardened ramped clutch receivers, premium internal bronze bushing and factory pre-lubing.

VT No.	ltem	Fits	Brand
32-0638	31443-65A	1965-88	Accel
32-0639	31443-65A	1965-88	Volt Tech
32-2506	31443-65A	1965-88	Volt Tech
32-1561*	31544-90	1989-90	V-Twin
32-9031*	31663-90	1991-up	V-Twin
32-9122*	31663-90	1991-06	
32-0943		2007-up	
*Note: D	rive Asseml	blies	

Heavy Duty

Heavy Duty

32-9238 32-928 4 32-9200 C

Starter Shaft Kit includes parts pictured for Big Twins. VT No. Туре Year 32-9238 V-Twin 1989-93 32-9288 Kit 1989-93 32-9200 Kit 1994-up

Starter Shaft



Inner Primary Bearing Kit for Late 1985-up Big Twins includes bearing, seal, two snap rings and one inner race.

1985-93	1994-05	2006-07	2008-up
12-0589	12-0591	17-0871	17-0873
17-0870	1985-05	Bearing/Sleeve	;





VT No.

OEM

32-0306 31580-73 Armature

32-0307 31582-73 Brush Set

32-0308 31579-73 Field Coils 32-0059 31576-73 Thru Bolts

Hitachi Type Starter Motor



change with original, 5" overall body length.

32-1307 31570-73 Complete, Black

32-7760 31570-73 Complete, Black

32-7761 31570-73 Complete, Chrome

12-0347 31583-73 Bearing, Drive End

Item

Hitachi Type Starter Motors are replicas for 1974-88 FXE,

1982-84 FL, 1983-88 FXR-FLT and 1984-88 FXST. Parts inter-





Hitachi Type High Torque Starter Motor features 1.4 kw design that generates more power and shaft speed than original type .8

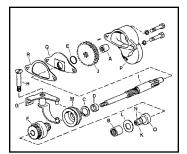
kw starter. 32-5122 Black 32-5123 Chrome

32-0553

Hitachi Starter Hardware Kit includes brushes, holder, springs, thru bolts and insulator commutator end bushing for 1973-88 Big Twin. VT No. 32-0553

Springs for Hitachi Starter Motors. Replace 31600-90. 1991-up starter clutch assembly. VT No. 13-9220

Starter Motor Housing, Shafts and Gears 1984-85 FXST 1984-88 FLT, 84-88 FXR, 1986-88 FXST



Starter Related Hardware.

Item

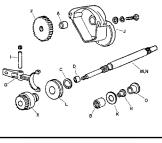
Complete

OEM

VT No.

43-9160 Kit









		••••••					
12-0317		A 1984-85 Housing Ne			-		
12-0318	9063	B Needle Bearing C	over		late d llanders		
12-0934	11039	C 1984-88 Retaining				re . K	íits includes Α, Β, C, D, E, F, G,
17-0088	11041	D 1984-85 Starter S	haft Spacer	H, I, J, K, L			
14-0501	11101	E 1984-85 O-Ring E	Deflector Plate	VT No.	OEM		Item
32-0639	31443-65A	F 1984-88 Starter D	rive Gear	43-9161	Kit		FXST 1986-88
17-1507	31445-65	G 1984-E85 Shift Le	ever Starter Gear	43-9166*	Kit		FXST 1985-88
17-1506	31478-65A	H 1984-85 Pivot Bo	lt Shifter Lever	17-0240*	Kit		FXR 1984-88
17-0085	31482-70	I 1984-85 Starter S	Shaft	12-0317	9062	А	Needle Bearing Housing
17-1508	31485-65	J 1984-85 Starter S	haft Gear	12-0318	9063	В	Needle Bearing Cover
17-0081	31485-65	K 1984-85 Starter S	haft Nut	12-0934	11039	С	Retaining Ring, Collar
17-1504	31502-65	L 1984-88 Thrust W	asher Chain Cover	32-0638	31443-65A	Е	Bendix Drive
17-1505	31503-70	M 1984-85 Shifter C	ollar	17-1508	31485-65	F	Gear 1980-85
17-1502	31503-65	M 1965-69 Shifter C	ollar	17-9938	31340-80	F	Gear 1985-88
17-0084	31530-65A	N 1984-85 Starter S	haft Nut and Spacer	17-0965	31491-79	G	Shift Lever, FLT, Steel
17-9936	31531-69	O 1984-85 Starter S	haft Spacer	17-9773	31300-84	G	Shift Lever, Starter FXST
43-9122	31572-79	P 1984-85 Housin	•	17-0081	31493-67	Н	Nut for Shaft
17-0509	60516-65A	Q 1984-85 Deflector	r Plate	17-9987	31495-79	Ι	Pivot Pin FLT-FXR
s15-1064	60559-80	R 1984-85 Plate Ga	sket	17-9875	31473-86	Ι	Pivot Pin FXST
17-9990	17-9995	17-9988 FLT/FX	R Starter Housings.	17-9990	31497-83	J	Housing, 1983-85 FLT/FXR
5			earing separately.	17-9995	31572-86	J	Housing, 1986-88 FLT/FXR
		VT No.	Year	17-1504	31502-65	Κ	Thrust Washer
		17-9990		17-1502	31503-65	L	Shift Collar
				17-9983	33120-79	Μ	Starter Shaft, 1980-84 FLT-FXR
~	~	17-9995		17-9944	33120-85	Μ	Starter Shaft, 1985-88 FLT-FXR
		17-9988	1980 only	17-9939	31482-86	Μ	Starter Shaft, FXST
				17-9984	33121-79	0	Spacer, Shaft, FLT-FXR
				17-9985	31311-80	0	Spacer FXST

*Note: Order appropriate housing to complete assembly.

360

Circuit Breaker	Ignition Switch
32-0414 32-0412 32-0412 32-0458 32-8921 C C C C 37-9069 D C C C 31-9952 S S2-0436 C C	32-0415 32-0478 32-0478 32-0479
	Universal Key Switch includes mounting ring and two keys.VT No.Type32-0415On-Off-On32-0478Off-On-Start32-0479Off-On-On
Circuit Breaker are stock replacements. VT No. # OEM Amp Fits 32-0414 A 74589-73 15 1973-up FL, FX 32-1537 74589-73 15 10 pack 32-0413 A 74559-77 30 1978-up FL, FX 32-1536 74559-77 30 10 pack 32-0412 B 74594-71 20 1970-up Big Twin 32-0458 B 74586-30 30 1970-up Big Twin 32-0436 H 74587-94 15 1994-96 FL, FX	32-8065
32-9207 A 74600-94 50 1994-up FL, FX 32-0460 A 74600-97A 40 1999-up FLT 32-8921 C 74598-73 Connector Bar, each 32-8922 69999-77 Connector Bar, each 32-8945 7%" C/C Connector Bar, pair 37-9069 D 7602 Nylon Nut, 1%2", 25 pack 12-0581 E 7629 Nut, 25 pack	32-8114 Ignition Switch.
31-9952F9952Mount Clip, 10 pack secures breaker or flasher to fender31-9964G8672Rivet for Above	VT No. Type 32-8065 Mini 32-8114 Universal Ignition Switch 32-8111 On-Off Mini
Circuit Breaker Bracket available for two or three circuit breakers, allows standard 15 or 30 amp breakers to snap firmly in place. Bracket has 1/4" holes, 5" apart and can be mounted to oil tank bracket or fender.	42-0525 31-0262
VT No. Breakers 31-0493 2 31-0490 3 Circuit Breaker Mount Rubbers hold breaker in place on FXST-FLST models. Replaces 70939-84A, 5 pack.	Chrome Switch Bracket. VT No. Years Type 42-0525 1982-90 FXR 31-0262 — Universal
VT No. 28-0403 Terminal Boards Terminal Blocks with terminal studs. 10-24 thread. VT No. Terminal 32-0502 4 32-0870 12 32-0878 16	Weld On Ignition Mount accepts 32-0161 switch. VT No. Item 32-0180 Each 32-0820 Collar

361

BIG TWIN



Ignition Switch





Barrel Key Ignition Switch features round style keys, featuring 2-position activation with positive detent to retain key in the off position.

VT No.	OEM	Year	Model	
32-9038	71428-90A, Stock	1982-94	FX-FXR	
32-9053*	Early Type	1973-84	FX	
*Note: Features run position with lights off				



Chrome Stock Key Switch for ignition and light switch for Super Glide, replaces 71425-77 and 70124-75. Used on all FX-FXS, 1982-94 all FXR. Includes two keys and mounting ring.

VT No.	Туре	Year
32-0161	Replica	1977-98
32-0416	Stock Type	1977-98
32-1099	As Above C	Cam Lock
32-0175	Replica	1973-76
32-1100	As Above C	Cam Lock
32-1267	Off/On	Start







Chrome Electronic Ignition Switch for 1985-95 Softail models has smooth action and dependability of electronic switching. It eliminates original pole to bar contacts found in original equipment switch. This 6 pole switch withstands vibration and corrosion and it replaces 71501-73. Includes two keys and early chrome style switch cover. **VT No. 32-9267** features stainless internal construction.

VT No.	Feature
32-8070	Smooth
32-9267	Stainless
32-8109	Silent



6 Post FLH Cast Ignition Switches include cast cover and two keys. Replaces 71501-73, for 1985-95. Cover installed as noted.

VT No.	Brand	Тор
32-0419	V-Twin	Cast
32-8078	Replica	Cast
32-0480	Contact	Cast
32-0482	Rear Hinge	Cast
Hardward	9	

37-8916 2589 Terminal wire screw and washer, 24 pack

 37-8917 2625 Mount screw, 7015 washer, 24 pack



Key Switch Spacers allow switch height to be adjusted when installing dash cover on FL type dash assemblies. Spacers are .040" thick. VT No. 39-0118

Key

Stock Stock Round

Round



Switch Covers fit 1967-up FLH diecast dash switch, chrome finish. VT No. 32-0399



Skull

32-1689

VT No.



Switch





Oil Pressure Switches are precision calibrated. VT No. OEM Year Model 32-0429 26561-84 1984-99 26561-99 32-0457 2000-up

Evolution **TC-88**

32-0818 Wire

Crank Sensor fits 1999-up TC-88. VT No. 32-0988



Neutral Switches are replica type, replaces the following FLH-FX models.

VT No.	#	OEM	Year	Speed
32-0417	А	33900-59	Late1973-Early79	4
			1979-98	5
32-9065	А	As Above	Replica	5
32-0069	В	33902-98	1998-99 Big Twin	5
32-0522	В	33904-00	2000-05 Big Twin	5
32-0955	С	33926-06A	2006-up Big Twin	6
32-1090			1999-up XL	5
32-0955			2006-up Big Twin	6

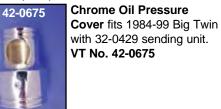


Hydraulic Brake Switch features heavy duty contacts and quality brass terminals.

VT No. Type 32-0426 Flag 32-0435 Screw 32-0443 Flag 32-0770 Flag

Years Brand 1971-92 Replica 1971-92 Accel 1995-up Replica 2004-up Replica





32-0818

Flasher



VT No. OEM Item U/M 33-0399 68543-64A 12 volt, Round Each 33-0848 12 volt, Round 10 pk 33-0916 68543-64C 12 volt, Round Solid State 33-2198 As Above Rectangle, Replica Each 33-2173 As Above Rectangle, Plastic Each 33-0938 LED Type Each 33-0398 68543-61A 6 volt Each Flasher for hazard or four flashing lights. 33-0397 68541-64 12 volt



12 Volt 2 Pin Flasher Units with built in bulb failure indicator. 33-2350 10 Watts

33-2351 21-23 Watts



Flasher Connector and Mount. VT No. 32-8925

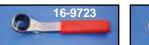


Hi-Low Beam Switch Relay will allow the Hi-Low beam to be switched from one beam to another using one wire momentary horn type button. VT No. 32-0448



Oil Pressure Switch Wrench installs and removes oil pressure switches without damaging the switch itself. Used on 1340cc Evolution, and late 1983-84 Sportster. Replaces 34816.

VT No. 16-0990





Oil Pressure Gauge and Indicator Lamp Sending Unit Wrenches. These reversible ratcheting wrenches are used to install and remove oil pressure indicator lamp or gauge sending unit on all 1984-up Big Twin.

VT No. Item 16-9723 Sending Unit Sending Unit 16-9724

Year

1999-up

1984-98



Chrome Oil Pressure Switch Cover includes chrome mount hardware. Replaces 66232-97. Fits 1984-99 FXST. VT No. 42-0687



Vacuum Switch Assembly VT No. OEM Fits 32-9079 26557-83 32-9080 26558-84 32-9083 26566-91

1984-90 All FXR 1984-90 FXST 1986-89 All FLT 1991-95 All FXST-FLST, Dynaglide and FXR

Button Switches

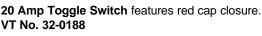


80

32-1025



32-8115





Pingel® Button Switch fits 1" bar activated by momentary contact. **VT No. 32-0866**





Button fits 7/8"

Button

hole. VT No.

32-1025 32-8115 Red

Mini Chrome Push Button Switch for starter. Two wire type requires a starter relay.

VT No.Wire32-0867232-08691

Hi-Low Beam Switch Relay will allow the Hi-Low beam to be switched from one beam to another using one wire momentary horn type button. VT No. 32-0448



Bat Handle Toggle Switch Set comes in a set of 4 featuring a black finish. VT No. 32-1812









Button Switches.

VT No.	Finish	#
32-0263	Chrome	2
32-0264	Black	2
32-1360	Black Switch	1
32-1364	Black Switch	2
32-1378	Chrome Switch	1
32-1380	Chrome Switch	2
35-0856	Black Throttle Ho	ousing
35-0857	Chrome Throttle	Housing

Diagnostic Wiring





Wire Plus Chopper System Chromed Billet Housing with an automotive style start switch and three (hidden) switches for right-left turn, high-low and horn. It includes a pre-assembled harness and bolts to stock style top engine mount (or mounts that do not have threaded mounting holes). It is designed to be used with 31-0747 or 31-0746 engine mount with integral coil bracket as listed below.

VT No. Type

32-0475 Chopper Style32-0477 With Auto Turn Signal







Wire Plus Chopper Motor Mount Wiring Kit mount between cylinder to FXR style top engine mount. Chrome billet construction with built in ignition switch. VT No. 32-4750



Wire Plus Anodized Billet Lid for Mid Frame Mounted Wiring Kit for FX-FL-FXST models. Optional anodized billet lid sold separately. VT No. 32-4151

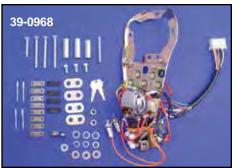
Wire Plus Digital Instrument Panel features chrome billet construction, digital speedometer, digital bar graph tachometer, charging system monitor, trip meter, odometer and light sensor for auto dimming at night. Requires a digital signal from the transmission sensor and an ignition module with a tach output. Requires correct bracket for handlebar mounting.

VT No. Item 39-0050 Clamps for 1" Bar 39-0051 Clamps for 1¼" Bar 39-0052 Clamps for 1½" Bar





Wire Harness/Dash Base Assembly



FXST Builders Harness/Dash Base Assembly. Builder Harness includes all correct color coded high tension wires, handlebar wires and tail lamp wires for years listed. Dash base assembly includes wired base, six post switch, circuit breakers and flashers. Allows use of either the turn signal canceler VT No. 32-7508 (not included) or flasher VT No. 33-0399.

VT No.	ltem	Year
39-0968	Dash Base Assembly	1987-95
32-0675	Builder Harness	1987-88
32-0456	Builder Harness	1989-90
32-0726	Builder Harness	<u>1991</u> -95



OEM

91-95 **1984-up Wiring Kits** feature plastic wire in original factory

in original factory color codes with all terminals applied in vinyl loom. Complete "Builder's Kits" include handlebar, taillight, coil and regulator wires, denoted by an *. All other harness-

es are main harness only. Handlebar and tail lamp must be purchased separately for these kits. Main harness include the main turn signal wires.

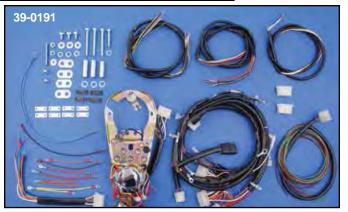
Application

FXST-FLS	T-FXR	
32-9213	70216-87A	1987-88 FXST
32-9214	70216-89	1989-90 FXST
32-9215	70216-91A	1991-92 FXST
32-9216	70216-93B	1993-95 FXST-FLST
32-0675*	Builder's Kit	1987-88 FXST-FLST
32-0456*	Builder's Kit	1989-90 FXST-FLST
32-0726*	Builder's Kit	1991-95 FXST-FLST
32-0674	—	1989-95 Ignition Switch Harness
32-0753	70216-96	1996-97 FXST-FLST
32-0754	70216-98	1998-99 FXST-FLST
32-0723	69545-84	Late1984-Early85 FXR-FXRS-RT
32-0724	69551-85	1986-88 FXR-FXRS
32-0725	69551-89	1989-90 FXR-FXRS
32-0727	69551-91A	1991-93 FXR-FXRS
32-0960	69555-89	1989-90 FXLR



VT No.

Wire Mount Clips. VT No. Fits 32-1173 32-1172 Fender (10) 32-1173 Tank (10)



39-0194



Wiring Harness/ Dash Base Assemblies include complete harness pre-wired to dash base, 6 post key switch, terminal box, headlamp connection, speedo lamp socket and front

terminal board when required. VT No. 39-0193 uses 39-0399 flasher included; 39-0191 requires use of 32-7508 turn signal canceler available separately. 1987-95 assemblies require purchase of handlebar switch wiring with six switches.

VT No. Type Year/Model Big Twin Electric Start Models

39-0193	5-Light	1987-88 FXST-FLST
39-0194	5-Light	1989-90 FXST-FLST
39-0191	5-Light	1991-95 FXST-FLST



Builder's Wire Harness Kits for Softail models, include main harness, handlebar, ignition switch and tail lamp wires with all necessary junctions and fittings. VT No. Year 32-0675 1987-88

32-0456 1989-90

32-0726 1991-95 **PVC Covered Tail Lamp Wires** fit 1987-up. **32-9331** 1987-90 Softail **32-9336** 1991-95 Softail **32-0486** 1996-up Softail



Handlebar Wiring Harness Kits are color coded. VT No. Years Type 32-8009 1982-90 Extended 32-8108 1996-up 48"



Speedometer Connector Kit is used to modify 1996-1999 OEM harness to the newer type Deutsch connectors.Wiring harness can be used with the newer 2000-2003 electronic speedometers VT No. 39-0449 and 39-0651. Replaces 67418-99. **VT No. 32-0587**

366







Extreme Duty Battery Cable Sets. These #2 gauge wires are very fat and flexible. The battery cables will transfer more cranking power with the very

least amount of voltage drop. Over 2000 bare strands of copper are covered with special vinyl insulation that is covered by a synthetic thermo-rubber jacket. Sealed and insulated with black heat shrink tubing means no moisture will get in these cables.

VT No.	Fits	Cable Lengths
32-2007	1989-up FXST	10" and 12"
32-2008	1991-up Dynaglide	10" and 15"
32-2009	1989-94 FXR	12" and 16"
32-2006	1993-up FLT	13" and 14"
For XL		
32-2011	1981-2003	11" and 16"
32-2012	2004-up	12" and 13"

Volt Tech Flexible Battery Cables features a 4 gauge cable manufactured with pure electrolytic-grade 36 gauge tinned copper strands for maximum current transfer and flexibility and a specially rated 125° C, oil and gas resistant, ultra-flexible translucent jacket in either black or clear.

Clear	Black	Length
32-1418	32-1419	7"
32-1400	32-1409	8"
32-1401	32-1410	10"
32-1420	32-1421	11"
32-1402	32-1411	12"
32-1403	32-1412	14"
32-1422	32-1423	15"
32-1404	32-1413	16"
32-1405	32-1414	19"
32-1406	32-1415	25"
32-1407	32-1416	30"
32-1408	32-1417	33"

32-0369

32-0360

Primary Wire is 100% multistranded

copper wire with PVC insulation. Ideal for

replacing or rewiring part or all of the sys-

#10 Gauge 10' Roll #16 Gauge 35' Roll

#14 Gauge 25' Roll #18 Gauge 45' Roll

VT No.

32-2137

32-2140

32-2141

Color

Green

Green

Red

tem. Brightly color coded for installation

Color

Black

Green

Red

ease

VT No.

32-2130

32-2131

32-2132

32-2133 Black 32-2134 Green

70584-94

70578-89

SHRINK TUBING>



	00		
Battery C	able Boot to	o fit cable end at battery terminal. 32-0316	70069-83
VT No.	OEM	Fits	
32-0354	70595-96	1995-05 FXD	

1994-07 FXST 1991-93 FXST **Wi**

VT No.

32-0124

32-0125

Wiring

Shrink Wrap Tubing is easy to use. Cut to length, thread the wires, carefully apply heat and watch the insulation shrink to fit around the wires.

Length

4'

the insulation shr around the wires.

1/4" 3/8" 5/8"

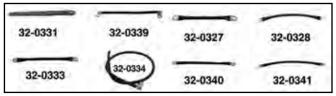


32-0125

4' 4' Flex Chrome Hose Covering features heavy gauge mylar construction with chrome finish, 25' length. VT No. Size 36-0552 1/4" 36-0553 %"

36-0554 1/2"

Battery Cable Assortment. Ground cable assortment is heavy duty replacement type and includes five pieces of the popular numbers. VT No. 32-0317



Replacement Battery Cables are replacements of the originals with heat shielded terminal ends.

Battery Cable

VT No.	OEM	Length	Fits
Ground			
32-0327	70011-84C	7¾"	1984-88 FXST
32-0328	70062-85	11½"	1985-86 FXR
32-0331	70186-82	81⁄2"	1982-92 FLT
			1987-94 FXR
32-0339	70103-95	9¾"	1991-95 Dynaglide
32-0340	70060-92A	91⁄2"	1989-07 All FXST, FLST
32-0341	70267-93A	13"	1993-96 FLT
Positive			
32-0333	70064-89	9"	1989-90 FXST
32-0334	70033-89	31¾"	1989-92 FLT
32-0335	70083-89	11¾"	1989-90 FXR
			1993-94 FXR
32-0338	70102-90A	14½"	1991-95 Dynaglide
32-0340	70060-92A	91⁄2"	1993-94 FXR,
32-0342	70377-93B	14"	1993-96 FLT
32-0310	70069-65B	15½"	Solenoid to Battery and Starter
			1971-85 All FX, 1984-85 FXST
			65-85 FLH Positive to Solenoid
			1982-88 FXR
32-0316	70069-83	15¾"	Solenoid to Starter
			1983-84 all FX,
			1984 FXST, 83-85 FLH
32-0330	70100-79A	81⁄2"	Solenoid to Starter
			1982-88 FLT

Insulator Wrap is made of black nylon which is fully flexible which covers wiring and fuel line. Replaces 63505-84 with ½" inner diameter, 10 feet. VT No. 40-0364 Flexible Wire Loom, black, PVC.

 VT No.
 Inner Diameter
 Length

 40-0364
 ½"
 10'



BIG TWIN

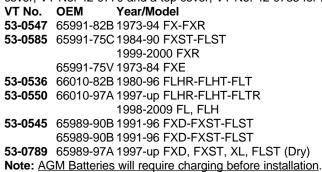


AGM Battery

- Lock Bonded Plates
- Stainless Steel Terminal Bolts
- Maintenance Free



AGM Battery. The "Absorbed Glass Mat" Technology provides higher cold cranking amps, better rechargeablity with longer overall life. Batteries are fully sealed for trouble free service in a black case. Note: 1998 and earlier FX models, require battery side cover, VT No. 42-0770 and a top cover, VT No. 42-0785 for FXD models.





"Activator" Battery Filler attaches to any standard acid pack tube. Positive thumb release valve absolutely controls acid flow. No acid spills, burns or holes in clothing. VT No. 16-0037



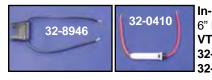
Battery Acid Catch Tank attaches to battery vent tube to collect excess acid to protect the frame and lower rear fender parts. VT No. 16-1739



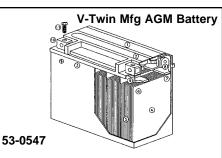
Brass Terminal Kit. VT No. 32-1024



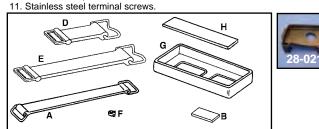




In-Line Fuse Holder has 6" long wire leads. VT No. Type 32-0410 Fuse 32-8946 ATC Type



- 1. Unique vent system minimizes leakage.
- 2. Completely sealed maintenance free design eliminates acid spills and corrosion damage.
- 3. Bonded cover prevents electrolyte leakage and improves dependability.
- 4. Precise volume of demineralized electrolyte means no excess acid and improved life.
- Positive AGM plate separators ensure long life and improved performance.
 Durable AGM plates direct maximum cranking amps to
- terminals for quick starts.7. Heavy top lead lugs provide improved adhesion to the plates for vibration
- resistance and long life. 8. Large diameter partition connections direct more power to the terminals.
- Sturdy diameter bushings resist vibration damage and acid leakage which causes terminal corrosion.
- 10. Durable two position terminals



FXST Battery Hardware for 1984-99 Softail models.					
#	OEM	Item	Year		
А	66105-77	Strap	1984-92		
В	66004-93	Clamp Pad	1993-99		
D	66109-93	Front Strap	1993-99		
Е	66111-93	Rear Strap	1993-99		
F	10067	Vent Clamp	50 pack		
G	66210-85B	Tray Insert	1986-97		
G	66210-97	Tray Insert	1998-99		
н	66309-84	Pad	Pair		
	66103-74				
Dynaglide Battery Tray and Cushions for Dynaglide Models					
O	EM#	Fits	Item		
47132-90		1992-99	Tray		
47132-93		1993-94	Tray		
47	'132-97A	1997-up	Tray		
66	6017-01	2001-up	Strap		
	# A B D E F G G H ttery 0 47 47 47	# OEM A 66105-77 B 66004-93 D 66109-93 E 66111-93 F 10067 G 66210-85B G 66210-97 H 66309-84 66103-74 ttery Tray and Cushio OEM# 47132-90	# OEM Item A 66105-77 Strap B 66004-93 Clamp Pad D 66109-93 Front Strap E 66111-93 Rear Strap F 10067 Vent Clamp G 66210-85B Tray Insert G 66210-97 Tray Insert H 66309-84 Pad 66103-74 Fits ttery Tray and Cushorsborg J992-99 47132-90 1992-99 47132-97A 1997-up		





Big Boar Battery

Big Boar Batteries have high cold cranking amps, and a replacement warranty. The 53-0700 battery is a totally sealed, maintenance free battery measuring /₈ long x 61/₁₆ high x 35/₁₆ wide, and has been tested and proven on big inch and high compression motors.

001110100010111110		
VT No. OEM	Fits	AMP
53-0700 65991-8	32 FX 1973-86, FXR 1982-94,	350
	Softail 1994	
53-0701 65989-9	00A Softail and Dynaglide 1991-up,	350
	XL 1997-up 65989-97	
53-0702	"Mini" 6" L x 51⁄8 H x 31⁄4" W	230
	For custom application that have	
	space. Starts larger engines bu	
	have a lot of reserve. Multi-pos	itional.
53-0703	Dresser/Road King® 1997-up	1000
	61∕₅" L x 6¾" H x 5" W	



Battery Hardware Battery Cover











Battery Side Cover.			
ChromeBlack	Fits	Style	
42-0502	1990-96 all FXD	Square View Holes	
42-0501	1990-96 all FXD	Single Slot View Hole	
42-0500	1990-96 all FXD	Louvered	
42-0097	1990-96 all FXD	Louvered w/Square View Hole	
42-0714	1990-96 FXD	Embossed	
42-0882	1997-05 FXD	Embossed	
42-1164	1997-2005 FXD	Embossed	



on XL battery box and oil tank, 28-0619 used on FX dash. #

VT No. OEI	М	#	Size	Туре	Qty
28-0546 625	63-65	А	1⁄4"	Male-Male	5
28-0549 625	63-65T	А	1⁄4"	Male-Male	2
28-0418 w/S	pring	А	1⁄4"	Male-Male	5
28-0547 625	63-66	В	5⁄16"	Male-Male	Each
28-0402 625	69-94	В	5∕16" x ¼"	XL Oil Tank	Each
28-0619 502	35-63	С	5⁄16"	Male-Female	Each
28-2247 691	25-65	D	5⁄16"	Male-Male, ho	rn Each
28-0749	28-0636		Rubbe	er Iso Mount ha	as ¼" x 20
	-	-	thread	s on each end.	
4			VT No	. Туре	Qty
			28-074	19 Hex	2
			28-063	6 Lord (Round) 2
			FXR B	attery Tie Dow	n Screws.
			VT No	. 37-0560	





Chrome Battery Cover fits FXD models, covers top and side in one piece. Features black lower accent. VT No. Year 42-0701 1991-05 42-1002 2006-up









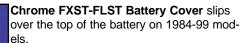
XL

Battery Top Covers.	
Chrome Black Fits	
42-0753 42-0569 1991-9	95 FXD
42-0785 42-0568 1997-0	
Chrome Black OEM	Fitment
42-0510 42-0570 66370-65	1965-84FL
42-0512 42-0571 66369-70	1971-78 FX (kickstart);
	1970-78 XLCH (kickstart)
42-0511 42-0566 66367-73	1973-86 FX (excl. FXR, FXST);
	1982-96 XL
42-0753 42-0569 66368-90	1991-95 Dyna
42-0785 42-0568 66368-97	1997-05 Dyna
42-0513 42-0572 66369-67	1967-78 XL
42-0786 42-0567 66367-97	1997-03 XL
42-0573 42-0574 66718-01	1997-05 FXD/ FXDWG, 97-03 XL
42-0882 42-1164 66375-97	1997-05 FXD/ FXDWG,
	1999-04 FXDX,
	2001-03 FXDXT
42-0714 42-0585 66347-91	1991-96 FXD/ FXDWG, 85 FXE,
	1982-99 XL
42-0010 66383-65	FL Battery Cover, Ribbed
42-0508 66378-70	
	nt Battery Top Foam Pads, 10
pack.	
VT No. 28-0	626



Rubber Battery Pad Set fits 12N16 sized batteries on FXE and XL models. VT No. 28-0539





VT No. 42-0427



Battery Tray Rubbers. VT No. Type 28-0746 Small, 6.4" x 7.15" 28-0748 Large, 4" x 8"



V-Charger[™] Chrome Air Cleaner for Big Twin features air scoop "blower" design and includes a built-in chrome screen and filter element. Kits include brackets and/or integral bracket, breather system except where noted.

breaking, ey		opt mere meteor
VT No.	Туре	Year
34-0467*	S&S	1984-91
34-0625	S&S	1992-99
Wyatts Air	Cleaner	Assemblies include intergrater breather
bracket and	I related I	nardware.
34-0471	1993-07	Carb
34-0483	1993-07	Carb
34-0484	1993-07	Carb
34-0485	1993-07	Carb
34-0474	2007-up	EFI
34-0487	1993-06	Carb
34-0596	CV	1993-07
34-0584*	Keihin	1984-89
34-1241	EFI	2000-07
34-1361	Flame	1993-07
34-1070	Filter	
*Note: Doe	s not hav	e integral breather bracket
34-1367 Cł	nrome V-0	Charger
34-1368 Cł	nrome V-0	Charger
34-0639 Cł	nrome fits	s 1990-1992 FXST, FLST, FXR,V-Charger
34-0648 Bl	ack fits 1	993-2007 FXST, FXD, V-Charger

Air Cleaner



V-Charger Air Cleaner Units Only include element. Order brackets and breather kits as required.

Chrome	Black	Style
34-1070	34-1070	Filter
34-0638	34-1430	Smooth
34-1429	34-1456	Raised Skull
34-0620		Smooth
34-1303		Engraved Skull
34-0087		Smooth



Velo High Flow Air Cleaner Assembly features cast mount bracket with built in breather and filter. Includes breather bolts and hardware to mount to 1993-07 Evolution and TC-88. Cover not included.

VT No.	Type		Year
34-0617			1993-07
34-1163	CV Backing F	Plate	1993-07
34-0700	S&S		1993-05
34-0623	Electronic Fu	el Injection (EFI)	2002-07
34-0703		34-0702	

Billet Scoop CV Air Cleaner includes filter and mount brackets. Fits 1991-99 Big Twin with carburetor.
VT No. Style
34-0703 Flame
34-0702 Smooth



Electronic Fuel Injected Air Cleaner Assembly



Sifton Air Cleaner Kits include a hi-flow "Cycovator" element, skull cover with an integral metal backing plate for a direct bolt on application for carburetor and electronic fuel injected models. Reuse of some original hardware required. Fits 2008-up Touring. VT No. 34-1738

34-1236

00





Performance Air Cleaner and Breather Kit includes backing plate, air filter, breather manifold and hardware.

VT No. Fits

34-1458

- 34-1084 1993-07 Ev-TC-88
- **34-0042** 1999-15 FXST- FLST, 1999-07 FXD, 2002-07 FLT **34-0920** 1999-07 FXST
- **34-1236** 2002-07 FLT, 1999-15 FXST-FLST, 1999-07 FXD **34-2122** 2008-13 FLT
- **34-2124** 2000-07 FXST-FLST, 1999-07 FXD, 2002-07 FLT **34-2126** 2008-13 FLT 90°
- 34-0948 Replacement filter only for 34-1236
- 34-1040 Replacement filter only for 34-1092 and 34-1093
- 34-1238 Replacement filter only for 34-1243
- 34-1239 Replacement filter only for 34-1242
- 34-1512 Rubber Tube Inserts
- 34-1457 Billet Outer Cover Only Black w/Swiss Cheese Design
- 34-0810 As Above Chrome Dish Style
- 34-1458 As Above Chrome Ball Milled
- 34-1459 As Above Black with Ball Milled Flames
- **34-1460** As Above Black with Ball Milled Slots



7" Round Bobber Air Cleaners. VT No. Fits 34-1841 Black, Keihin 34-0406 Black, CV 34-0054 CV Black with integral breather 34-0059 CV Chrome with integral breather







Sifton Air Power™ includes

. . .

34-0406

Installed

34-0059

die cast backing plate, filter and breather canisters. Hardware included allows installation on 1992-99 Evolution and TC-88 models with carburetor. Order cover separately as listed below. Breather bolts also available separately. VT No. Item 34-1113 Air Cleaner Kit for 1993-07 CV and EFI with Delphi 34-0655 Teardrop Cover

34-1084 Backing Plate Kit



34-0655



RK-Series Intake Assembly fits behind the stock air cleaner cover. Provides smoother air delivery to engine and boosts performance and filtration. Average dyno test results confirm 8 additional horsepower. Features K&N High-Flow air filter, pleated design, perfect seal lip design and built in Dyno tested velocity stack. Powder coated billet aluminum backing plate eliminates external breathers. Air filter comes pre-oiled. Fuel management modifications are not necessary to obtain increased performance. All hardware included.

VT No. Fits 34-2000 2008-09 FXD 34-2001 2008-09 FLT





Velo High Flow Air Cleaner Backing Plate Kit by Sifton. Includes one piece alloy backing plate, washable element, stainless steel breather kit with fittings, chrome breather filter and necessary hardware to mount 1992-07 Big Twin Evolution and TC-88 models VT No. 34-1076 accepts 8" round covers with 52" of surface, measuring 7" x 2³/4" deep. Cover not included.

VT No.	Size	Cover
34-1105	Small	6"
34-1076 34-0804	Large Velo Air Cleaner A	8" Assembly

Velo Air Cleaner Assembly

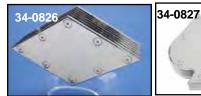


Teardrop Air Cleaner Assembly features hi-flow element with billet mount bracket and plate. Kit include all hardware to mount on Evolution and TC-88, 1993-2007 models. VT No. 34-0672



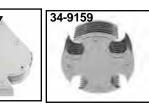
Skull Air Cleaner fits 1999-07 FXST, FLST, FXD, FLT, 1993-94 FXR.VT No. 34-1506

Billet Air Cleaners





34-9159 Installed



Chrome Billet Air Cleaner Assemblies to fit CV carburetors. Order bracket kit as required. VT No. Type 34-0826 Diamond 34-0827 Spade 34-9159 Rotar



Chrome Maltese Billet Air Cleaner features layered construction to fit CV carburetors. VT No. 34-0799





Performance Air Cleaner and Breather Kit fits carbureted or electronic fuel injection models and includes backing plate, air filter, breather manifold and hardware.

34-1391

 VT No.
 Fits
 Type

 34-0920
 1999-07 TC-88
 Carburetor/Electronic Fuel Injection

 34-1084
 1993-07 Ev &TC-88
 Carburetor Only

 34-0948
 Filter Only
 Sacking Plate





7" Evolution Type Air Cleaners include cover, foam, backing plate. Order brackets separately.
VT No. Type Item
34-0406 CV Black
34-0566 Chrome Cover Only





20% More Air!



TC-88 Filter Upgrade Kit includes washable filter and longer stud set to replace Screamin' Eagle elements. There is 20% more air flow with this filter. Order cover separately. VT No. Item

34-0115 TC-88 Filter Upgrade Kit 34-0548 Evolution 8" Chrome Cover



Stainless Steel 7" Air Cleaner Cover has a center mounting hole. VT No. 34-0461

Miscellaneous Air Cleaners.

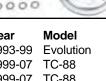
- 34-0048 Etched Raw Air Cleaner Cover Etched (have stock)
- 34-0061 Chrome Wyatt Air Cleaner Kit (have stock)
- 34-0278 Air Cleaner Adapter Flange
- 34-0463 7" J-Slot Air Cleaner Cover
- 34-0469 EFI Air Cleaner Mount Bracket
- 34-0482 Zinc Air Cleaner Bracker
- 34-0780 6" Raw Air Cleaner
- 34-0840 Round Air Cleaner Assembly (have stock)
- 34-0851 Bracket Breather Kit (have stock)
- 34-0961 Retro Oval Air Cleaner (have stock)
- 34-1299 Hi Flow Air Cleaner Assembly
- 34-1300 Chrome Skull Air Cleaner Assembly
- 34-1398 Air Cleaner Breather Snoot
- 34-1363 Chrome Round Air Cleaner Assembly
- 34-1385 Sifton Carb Cover
- 34-1386 Sifton Carb Cover
- 34-1387 Sifton Carb Cover
- 34-1533 CV Carb Backing Plate





Sifton Performance Air Cleaner Kits include filter. breather tube, chrome mini breather bracket and mount hardware for carbureted models listed. Order cover separately.





2 ver ng Plate



VT No.

Air Cleaner Kit

	Year	Mode
0	1993-99	Evolut
1	1999-07	TC-88
4	1999-07	TC-88
2	2008-up	EFI
6	All	7" Cov
0		Backir

1993 models use 31-3941 bracket. 34-1355 34-1380 34-1379 3 Size Item **Complete Air Cleaner Kits** 34-1362 34-0407 8" Complete, CV 7" Complete, CV

American Motorcycles

American Motorcycles

34-0409 Air Cleaner Covers. 34-1354 34-1355 8" Cover Only 34-1379 34-1380 7" **Bobber Style Cover** 34-0533 8" Round Cover 34-0948 Air Filter 8" 34-0947 Air Filter 34-0781 8" 34-0744 **Round Stripes** 34-0809 34-0807 Installed Installed

Velo Dish Air Cleaners feature chrome dish and full flow filter with bracket with integral breather passages and hardware. Fits 1992-up FXST carburetor and 2002-up FXST and FLT Fuel Injected models.

VT No.	Size	Filter
34-0809	6"	34-0948
34-0807	8"	34-1067

34-0946

34-1064

element.

Chrome

34-1256

34-1028

34-1064

34-0548

34-0562

34-1354

Chrome Black

CV 34-1053

Bendix-Keihin 34-0946

34-1053

34-0548

Black

8" Center Screw Cover Only

34-0407

8" Air Cleaner Assemblies include cover, backing plate and

Style

V

ν

Notes: For 1993-up models order 31-0430 breather kit, Pre

Smooth

Smooth

Gold Inlay



Wyatt Gatling Air Cleaner

includes brackets, filter element, breather bolts and hardware. Can be used for 50mm fuel injected units and CV carb models. VT No. 34-0491



34-0941

34-0940

34-1028

34-1256





Chrome Teardrop Air Cleaner Cover Kit fits Velo or Screamin' Eagle Air Cleaner Kits with filter as shown. Filter available separately.

VT No. Item 34-0655 Teardrop Cover 34-0948 Filter Only



34-1290

Sifton Air Cleaner Kits include a hi-flow "Cycovator" element with an integral metal backing plate for a direct bolt on application for carburetor and electronic fuel injected models. Reuse of some original hardware required.

VT No.	Item	Model	Skull
34-1289	2008-13	Touring	34-1738
34-1290	1993-07 CV-Delphi EFI	Big Twin	

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Air Cleaner



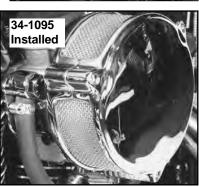




Hi-Flow Air Cleaner includes integral bracket with breather bolts. VT No. Item 34-1255 1993-07 34-1334 Cylovator Inverted 34-0098 Bolts 34-0464 Bolt Kit



Chrome Air Cleaners. New Era, B, C, and Round A styles. Includes chrome cover, element and backing plate. Round type is 7" with center screw. Order the brackets separately. VT No. Style







7" Air Cleaner Assemblies include backing plate, cover and foam element. Center screw type Bendix-Keihin.

Chrome	Black	Style
34-0505	—	V-Logo
34-0547	34-0408*	Smooth
CV		
34-1032	34-0406	Smooth
CV and D	elphi EFI, i	measures 51/2" outside.
34-0802	—	1993-99 Big Twin
34-1306	—	1993-99 Black, CV & EFI
34-0937	_	Screen, Chrome
*Note: Fe		ber Style Cover
11 國際的	P m	Wyatt Gatling Assembly includes round
11		deco air cleaner with chrome cover,
Ot C	0	integral breather system with bracket and
762	Alin	mounting kit.
9	2	VT No. 34-0840
		7" Filters.
- Co.		VT No. Type



7" Filters. VT No. Type 34-1277 Washable 34-0905 Unifilter Foam 34-0916 V-Twin Foam

Bendix Keihin Type Pre 1989 Big Twin			
34-1292	Chrome, Smooth		
34-0977	Element only		
CV Type 1	989-up Big Twin		
34-1095	Chrome smooth		
34-1318	Black smooth		
34-0977	Element only fits C		
34-0905	Element only fits A		
34-1395	Screen Only		

Smooth





V-Logo

7"



Chrome Black 34-0505 V-Logo Bendix-Keihin 3 bolt Bobber 34-0406 34-0553 Smooth with mount brackets 34-1032 Smooth without mount brackets 34-1373 Shield, Chrome round w/brackets 34-1044 **Backing Plate Only** 34-1041 Smooth Air Cleaner Cover Only V-Logo Air Cleaner Cover Only 34-1042 _ 34-0550 Eagle Spirit V-Logo Assembly 34-1246 ____ _ Smooth Assembl 34-1392 34-0555 Eagle cover only Smooth Cover Only 34-1561 34-1562 Cover Only Black Powder Air Cleaner Complete 34-1842 34-1044 **Backing Plate CV** 34-1428 **Backing Plate EFI**









Performance Air Cleaner and Backing Plate fits 1999-15 FXST, FLST, 1999-07 FXD and 2002-07 FLT. Includes washable element and backing plate only. Requires 8" stock type cover and mounting hardware **VT No. Backing Finish**

34-0425 Natural

34-1462 Chrome

34-1463 Black

High Flow Air Cleaner Assembly

"Big Sucker" Air Filter Kits for carbureted or electronic fuel injected Twin Cam and EV2 Big Twin models. The all-in-one backing plate features a built-in carburetor support and built-in breather tunnels at each head to decrease crankcase pressure. Each tunnel exits at the mouth of the carburetor to create a virtually closed loop system. No oil hoses, no oil fittings, and no leaking! Stage I kit features a High-Flow filter that accepts all 1993-up oval or round outer covers. Stage II kit features a 20% larger High Flow filter that requires an 8" 34-0548 or OEM outer cover. Both kits include a "Big Sucker" aluminum backing plate, high-flow air filter, chrome banjo bolts for TC88 and 1993-up EV2 Big Twin, simple instructions and all the necessary hardware.

ware. Stage I Stage II 34-0112 34-0113 1993-99 Carburetor 34-0178 34-0114 1999-2013 TC models Will not fit 2008-13 FLT Will not fit 1999-01 EFI FLT 34-0184 34-0185 2008-13 FLT 34-1128 34-0105 1999-01 FLT EFI, does not fit 1997-98 34-0192 2014-16 FLT **Filter Only** Fits 34-0948 Stage I Kits 34-0112, 34-0178 34-0622 34-1128 Only 34-1067 Stage II Kits 34-0113, 34-0114 34-0098 Bolt Set Hardware Listing 34-1136 Hardware Set 14-0507 O-Ring 34-0186 Stage I Kit 34-0184 34-0187 Stage II Kit 34-0185





34-0113 34-0112







8"



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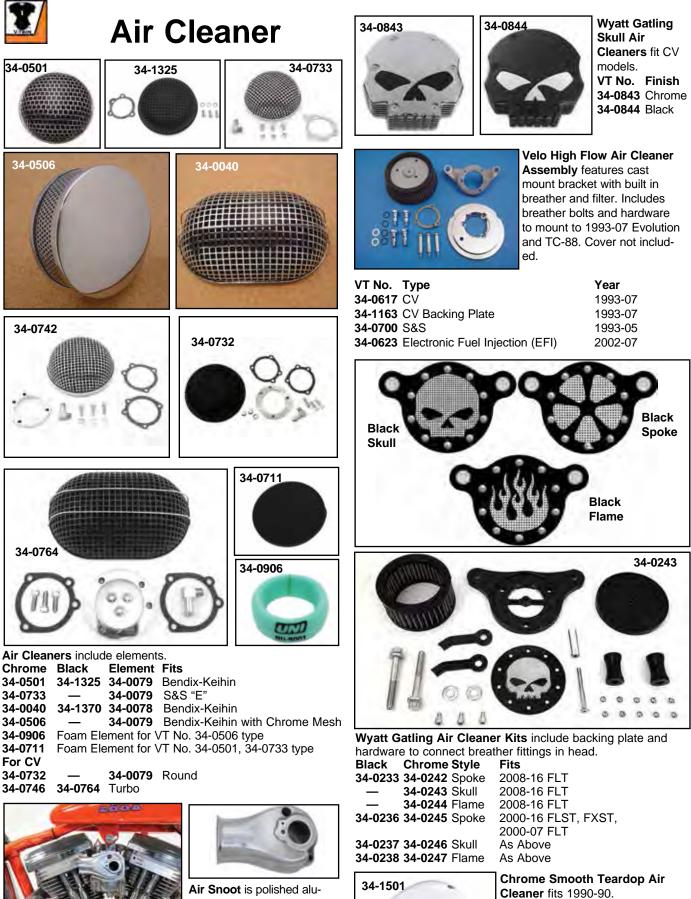
(TERTY

34-0114





34-0548 cover fits Stage II. 34-0566 cover fits Stage I.



Air Snoot is polished aluminum. Fits S&S "E" carbs. Does not include provision for filter. VT No. 34-0470

VT No. Style

34-1501 Teardrop

34-0560 Mount Kit





Air Cleaner



34-0512

34-0475

C۷

34-0432

34-0831

VT No.

34-1284

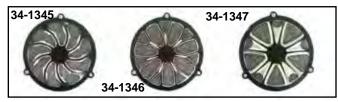
34-1350

5¾" Chrome Air Cleaners are for 3 bolt carburetors. Includes foam washable element, 21/4" thick. . Kaihi m

Bendix-Keihin	CV Type	Element	Item
34-0510	34-0762	34-0079	Drilled
34-0512	34-0763	34-0079	Smooth
34-0915	34-0915		Element Only
34-0560	34-0560		Mount Kit



Skull Mesh Air Cleaner fits 1993-97. VT No. 34-1735







34-0644 E 3 3

Black Hi Lighter Air Cleaners. Order bracket kit separately. VT No. Style 34-1345 Torque 34-1346 Heathen 34-1347 Luxe

Caution: These products are not legal for sale or use in California on pollution controlled vehicles. These products are intended for non-highway only.



34-0645 screws on cover to fit CV models.



Evolution and TC-88

34-0924

34-0930

34-128

Black Oval Insert

34-0821

Model

CV

CV

CV S&S

Axel's Chrome Billet Air Cleaners fit to CV carburetors. Order mount kits separately. Bracket listed features built in breather passage and includes bolts for Evolution and TC-88 models.

34-0432

Oval Air Cleaner Assemblies.

34-1350 34-0930 Backing Plate

Keihin

Style

Skull

34-0821 Diamond

34-0837 Diamond 34-0661 Bracket

34-0831 Skull

34-0475 34-0924 Assembly

Rodan Billet Air Cleaners available with hidden or external

External	Hidden Screws	Туре
4-0644	34-0642	Flame
4-0645	34-0643	Smooth

STOP

34-1146 Installed Chrome Maltese Carburetor 34-1168



Cover includes backing plate and filter. Available as kit or carburetor cover and backing plate only. Kits include brackets and or breather kits as

required to fit stock original carburetor. Center portion of cross is matte chrome finish.

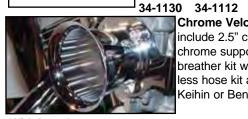
VT No.	Year	
34-1145	2000-07	
34-1146	1993-99	
34-1147	1990-92	
34-1148	1984-89	

Model TC-88 **Big Twin Big Twin** Big Twin

Maltese Carburetor Cover and Backing Plate. Center portion of cross has a matte finish. Order filter and brackets separately. Chrome Polish **Carburetor Type** 34-0609 CV 34-06⁻ S&S "E"

34-0610	_	S&S "E
34-0608	—	Bendix
	~	

34-1168 34-1168 Filter Only Cover Only



Chrome Velocity Stack Kits include 2.5" chrome stack, chrome support bracket and breather kit with black or stainless hose kit as listed for stock Keihin or Bendix carburetors.

With breather Black Hose SS Hose 34-1115 34-1122 34-1116 34-1123 Without breather kit 34-1117 34-1118 34-1126 34-1127



Year	Model
1993-99	Big Twin Evolution
2000-07	TC-88
1990-92	Big Twin Evolution
1984-89	Big Twin Evolution
S&S E & G	All
4" S&S E & G	
Chrome	Velocity Stack
Kits inclu	ude chrome support
h rook at	hraathar ninnlaa

ort bracket, breather nipples and 2.5" chrome stack. VT No. Model 34-1161 1992-99 Evolution 34-1151 1999-2007 TC-88

34-1150 Bracket

Air Cleaner





Turbo-Fan Velocity Stack includes billet stack with inverted cone filter installed. Turbo fan turns on precision ball bearings up to 10000 RPM. VT No. 34-1204



Early Style Carburetor Breather Snoots feature chrome cover without filter. Bendix Keihin and CV is 3 bolt pattern. CV requires use of 35-0125 for 2000-up Big Twin or 35-0122 for 1993-99 Big Twin.

VT No.	Туре	Year
34-1046	Bendix-Keihin	1971-87
34-1081	CV	1988-up
34-1253	S&S	1984-92
34-1254	S&S	1993-up
34-0659	Cover Only	
34-0273	Backing Plate	Bendix



Turbo Funnel Fan for use with velocity stack air cleaner. VT No. 34-1199



Chrome Alloy Velocity Stacks.			
VT No.	Fits	Length	
34-1102	S&S "E/G"	4"	
34-1107	S&S "D"	4"	
34-1108	S&S "E&G"	2.5"	
34-1103	Bendix Keihin	2.5"	
34-1104	CV Keihin	2.5"	
34-1156	CV Keihin	4"	
15-0884	CV Gasket		
¹ 15-0885	Bendix Gasket		
34-1159	Screen		



Caution: These products are not legal for sale or use in California on pollution controlled vehicles. These products are intended for non-highway only.



Teardrop Air Cleaner



Chrome Sweep Air Cleaner Assembly includes filter and backing plate to fit CV and electronic fuel injection applications. Order breather and brackets separately. VT No. Item 34-2123 Assembly 34-2125 Cover Only



34-2125



Chrome Scoop Air Cleaner Cover mounts with 3-screws. VT No. Model Item

34-0453 S&S "E" Cover **34-0455** CV Complete





Axel's Chrome Billet Sweeper Air Cleaners fit to CV carbs. Order mount kit separately. Bracket listed features built in bolts for Evolution and TC-88 models. VT No. Style Model 34-0668 Sweeper CV 34-0661 Bracket 1992-94



K&N Chrome Billet Air Cleaner Assemblies for Evolution Big Twin models with CV carburetor. Available in flamed, ball grooved or mirror finish and are complete with mounting hardware.

VT No.TypeStyle34-3909Ball GroovedTeardrop34-3333Filter OnlyTeardrop



1

Chrome Eagle Spirit is a 3¹/2" universal medallion, adhesive backed. Each. VT No. 42-0532



Teardrop Air Cleaners. Order appropriate bracket set separately.

Pre 1987 VT No. Style 34-0532 Eagle Spirit, Chrome, Bendix Keihin type 34-0544 Eagle Spirit Gold Smooth Chrome 34-0516 Smooth Polished 34-0515 34-0520 Smooth Chrome Steel 34-0527 Smooth Chrome with Flames 34-0528 **Finned Chrome** Slotted Chrome 34-0631 1988-up CV Type 34-1020 Live to Ride, A Way of Life Chrome 34-1022 Smooth Chrome 34-0511 Smooth Chrome with Flames 34-0530 **Finned Chrome** Slotted Chrome 34-0630 34-0628 Maltese Chrome Skull Chrome 34-0629 Individual Parts For Above Units 34-1020 34-0518 Chrome Cover only 34-1560 Finned Cover only 34-0519 Bendix Keihin Backing Plate CV Backing Plate only, Alloy Chrome Three Piece Screw Kit 34-1054 37-8556 34-0545 Eagle Spirit Chrome Cover only 34-0905 Uni-filter Element only 34-0916 Foam Filter Element 34-0251 VT Element Brackets For Tear Drop Air Cleaners. VT No. Fits 1993-up Big Twin Evolution except Dynaglide 31-0430 Carburetor Vent Fitting chrome steel nipple is 1/8" NPT for air cleaner back plates. VT No. Hose Size Angle 40-0581 5⁄16" Straight 40-0532 5⁄16" 90°

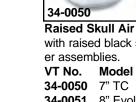
34-3905 Chrome Teardrop Air Cleaner **34-1343** Chrome Teardrop Assembly **34-0284** S&S Teardrop Air Cleaner



37-8556 Caution: These exhaust products are not legal for sale or use in California on pollution controlled vehicles. These products are intended for non-highway only.



BIG TWIN





Three screws per kit. VT No. 9980-3









2000-up TC-88 Oval Chrome Steel Air Cleaner Covers. VT No. Model 34-0400 **Electronic Fuel Injection** 34-0401 Carburetor

34-0444 Smooth Insert





Teardrop Air Cleaner Kits include chrome air cleaner assembly with smooth, finned or flame teardrop cover, chrome mount bracket and a breather kit with a black hose and breather unit.

Flame

Finned	Smooth
34-0663	34-0656
34-0664	34-0657

Year/Model 34-0650 1992-99 Big Twin 1999-07 TC-88 34-0651



384

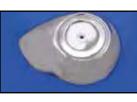
Chrome Slotted Air Cleaner Assembly fits CV only. Order bracket and breather kit separately. VT No. Year

Bracket Kit 34-0630 1993-99 35-0122 2000-up 35-0125



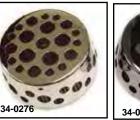


Siren Air Cleaner Assemblies include cover, backing plate and mount hardware for Big Twin. VT No. Year 34-1527 1992-99 34-1528 2000-up



Chrome Air Cleaner Cover is a teardrop shape. Fits 2008-up FXD, Softail electronic fuel injected models.

VT No. 34-1291







Air Cleaner Cover fits 34-0948 tapered filter units.

Cover Complete 34-0276 34-1742 34-0280

34-0822 Installed

Style Holes Skull





Flow Swept Air Cleaner Assembly fits 1993-up Evolution and TC-88 models. Order VT No. 34-0823 bracket kit separately. VT No. 34-0824 backing plate accepts 8" type air clear cover.

VT No. Item

- 34-0822 Air Cleaner
- 34-0824 Backing Plate

34-0823 Bracket Kit 1993-up Evolution and 1999-07 TC-88 34-0948 Filter Only



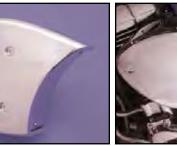


5" Mini-Teardrop Air Cover fits CV carburetors. Order backing plate separately. 34-1269 Keihin

- VT No. Style 34-1263 Maltese 34-1264 Skull 34-1262 Smooth
- 34-1501 Smooth

Backing Plates 34-1271 S&S 34-1267 Bendix 34-1294 Linkert 34-1268 CV





Chrome Scoop Air Cleaner Cover mounts with three screws. Model VT No. Item

34-0453 S&S "E" Cover 34-0455 CV Complete



Chrome Steel Air Scoop fits S&S E & G carburetors. /T No. 34-0985



Billet Carburetor Support on VT No. Finish

S&S "E" installations. Order banjo bolts and brackets separately for Evolution or TC-88. Bracket only drilled for S&S. No holes for CV air cleaner. 34-1139 Chrome 34-1190 Alloy

Velo-Dome ТΜ



Velo-dome™ is Wyatt's velocity stack with built in cover for Super "E".

34-1189



VT No. 34-1189









Velocity Stacks with built in mount brackets. Breather set included. For S&S "E" TC-88/Evolution 1992-up.

VT No. Style 34-1110 Standard Kit 34-1174 Billet Kit

VT No. Fits 15-0354 Mounting Gasket



Chrome Air Cleaner Covers fit S&S carburetors stock backing plate and filter, "bolt on."

Sp		
se		
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2		

irit Chrome



Replica Air Filter Elements fit S&S models and are washable. VT No. Model 34-1176 E&G 34-0935 в





Chrome S&S Super E & G Air Cleaners are available as complete units, or replacement covers only. Complete assemblies include backing plate which have built-in brackets to mount to Evolution heads. Fits 1986-91 Evolution XL with Super E & G carburetors and 1984-91 Evolution Big Twins with Super E & G carburetors.

VT No. Item/Fits

- 34-1015 Complete Assembly 1993-99 V2 Big Twin
- 34-0981 Chrome Cover All Super 'E'
- 34-1063 As Above with Notched Cover for 5 Gallon Tanks
- 34-0984 Uni Filter Foam Air Filter Super 'E' Foam Type
- Chrome Allen Screw Set for S&S Covers 9980-3
- Backing Plate 1984-92 34-1097
- 34-1098 Backing Plate 1993-up
- 15-0354 Mounting Gasket



Caution: These products are not legal for sale or use in California on pollution controlled vehicles. These products are intended for non-highway only.



Air Cones





Chrome Panzer Air Cone can be installed on C.V. or S&S Super E carburetors. Order routing bracket separately. Can be mounted in either vertical or horizontal position. Includes air filter.

VT No. Type 34-0772 Spike with slots 34-1880 Spikes with holes



Air Cleaner Breather Only includes cone, element and elbowas shown. Fits 1993-2007 CV in the horizontal position.VT No.Type

VT No. 34-0770 34-0771

Spike 34-0274 Filter Only



Cycovator Taper Forward Mount Air Cleaner Only fits 1993up Big Twin models. Brackets sold separately. VT No. Item

34-0773 1933-07 CV-Electronic Fuel Injected Only











34-0670 installed with 34-0693 adapter







CV Air Cleaner Cone System features cone and integral breather mount bracket for vertical or forward mounting. Order adapter plates for vertical applications.

VT No. Carburetor Type

34-0775 S&S "E"

34-1211 1993-07 CV, Delphi EFI





Wind Funnel Air Filter Kit includes bracket with integral breather which will mount the funnel in a forward horizontal position. Order with or without turbo fan.

VT No. Type 34-0488 Fan (1993-2007) with CV carburetor 34-1207 Without





Turbo Funnel will mount on CV carburetor bolt pattern in a forward horizontal position. Order adapter plate 34-0693 to place in upright vertical position. Fits 1993-2007 Big Twin CV-Delphi-EFI VT No. 34-1197





Air Cleaner Breather includes steel bracket with breather bolts and tapered filter element with chrome 90° intake tube to face forward on CV carburetors. Order adapter to face forward or upward on S&S models. Use 34-0670 with 34-0693 adapter. For 1993-07 models.

VT No.	Item
34-0670	Spike
34-0451	Funnel
34-0673	S&S Adapter
34-0693	CV Vertical Adapter
34-0671	Filter Only (Spike)
34-0274	Filter Only (Funnel)

Style Forward Forward





Maltese Velocity Stack fits CV and S&S carburetors with unique fluted design. Order S&S adapter to fit "E" carburetors. This Quaductive[™] design increases air flow. Screen included.

Order screws separately. VT No. Item 34-1160 CV Stack 34-3915 CV Stack 34-0673 S&S "E" Adapter 34-0661 Bracket Only CV 34-0662 Bracket Only S&S E Chrome 34-1111 Screen 37-0894 Screw Set

Finish Natural Chrome Allov Chrome Stainless Stee (3 Pieces)



Air Cleaner



BIG TWIN







Cycovator Air Cleaner Kit fits 1999-up Big Twin with carburetor. High filtration element included with all parts as pictured. Order 34-1186 adapter sleeve to fit 1993-98 Evolution models. VT No.

34-1340 Backing Plate 34-0062 Kit with cover







K&N RK Series Air Cleaner Assembly for 1999-07 Twin Cam Big Twins with a carburetor. Complete assembly provides significant increase in air flow to the engine while boosting performance and filtration. Features a built in Dyno tuned velocity stack, powder coated aluminum backing plate and internal breathers. Uses stock type air cleaner cover. VT No. Height

34-0107 15%" 34-0116 21/4"



V-Force Air Cleaner fits CV and electronic fuel injection models. Order breather bracket separately. (1993-07 CV-Delphi-EFI) VT No. 34-1882



K&N AirCharger® Intake Kit features a mandrel bent mirror polished intake tube and a chrome top conical shaped K&N High flow air filter.*Note: Fits fuel injected models only. Fits 2001-up FXST, FLST, FXD. VT No. 34-0076*

Cone Air Cleaners





Filters fit as noted are attached by worm drive clamp. Inner diameter of 65 mm.

VT No.	Length (mm)
34-0892	140 mm
34-1504	133 mm
34-0891	175 mm







K&N Aerosol Recharger Service Kit is a six step maintenance system designed to recharge any K&N air filter. Restores air flow efficiency. Includes 6.5 oz spray oil and 12 oz filter cleaner. VT No. 41-5000

Air Filter Oils and Cleaners. K&N type is for paper elements. Unifilter type for foam elements. VT No. No. 41-0171 41-0172 41-0173 41-0174

Size

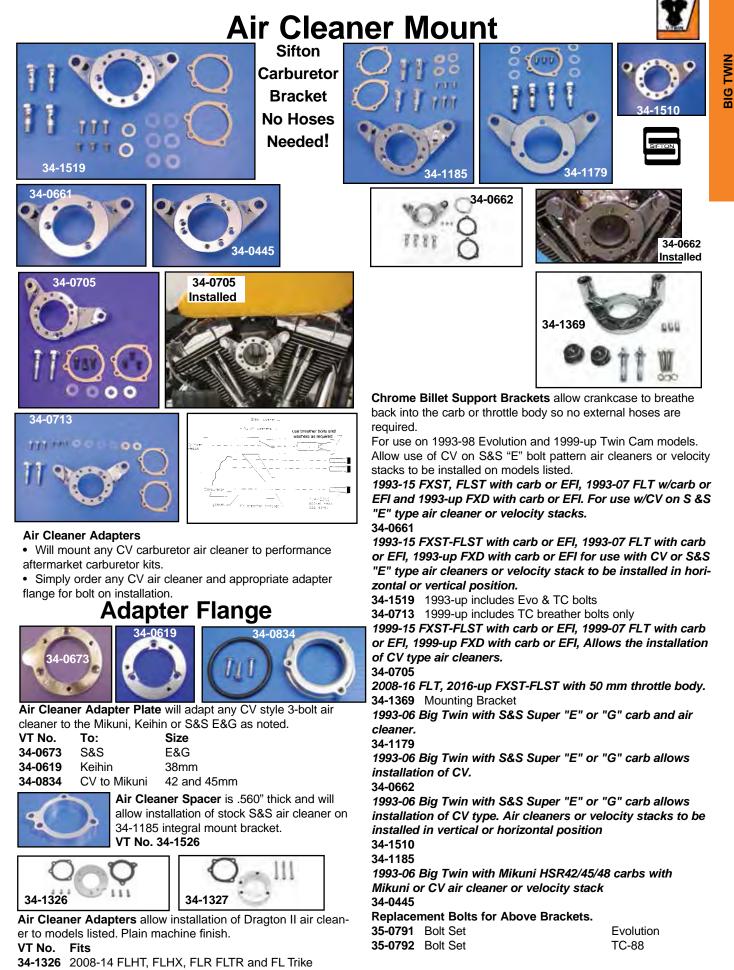
12oz

6.5oz

16oz

5.5oz

Item K&N Cleaner K&N Oil Unifilter Cleaner Unifilter Oil



34-1327 2001-14 w/Delphi EFI except 2008-14 Dressers

and FL Trike



Air Cleaner Breather Manifold Kits to fit custom air cleaners to engines with the internal breathing system. Kit includes chrome breather manifold, chrome banjo bolts, chrome air cleaner support brackets, gaskets and instructions.

VT No.	Item	Year/Fits
35-9254	Kit	1993-99 Big Twin Round
31-0430	Kit	1993-15 FXST, FLST,
		1993-07 FLT, 1993-up FXD
35-0670	Tube Only	1993-15 FXST, FLST,
		1993-07 FLT, 1993-up FXD
35-0731	Pair	Banjo Bolt only, 1992-99 Evolution
35-0732	Pair	Banjo Bolt only, 1999-07 TC-88
14-0975	For Above	O-Ring

Breather Washer Set fits 1993-up Big Twin, 1991-up XL models. 0000 VT No. 35-0755



Chrome Air Cleaner Bracket for Evolution Big Twin mounts to boss on engine heads to support custom air cleaners.

VT No. Year

- 31-4041 1984-89
- 31-4191 1984-89 with choke bracket
- 31-3962 1990-92 CV

31-0750* 1993-15 FXST, FLST, 1983-07 FLT, 1993-up FXD *Note: To be used with breather kit.



Sifton Mini-Breather Bolt Kit. Chrome breather cups have built in mount bolt for Big Twin models. VT No. Year 40-0453 1992-99 Big Twin 40-0454 TC-88



34-1186

Extended Breather Bolts allow mounting of air cleaner to breather bolt stand. Use with banjo set or cross line for breather connection. VT No. Туре 35-0136

35-0136	10-88
35-0129	Evolution/XL
35-0144	Banjo Set
34-1186	Adapter





Sifton Braided Hose Crankcase Breather Kit features 3%" inner diameter. stainless steel braided hose attached. Includes breather filter (with mounting stud), 24" hose and hardware. Air cleaner and carburetor support bracket must be purchased separately. Fits 1993-up Big Twin custom applications only.

VT NO.	Item
35-0123	Kit
40-0570	Breather
35-0126	Bolt Kit
1100	"Y

"Y" Breather Kit includes fittings to fit TC-88 with breather. Drill and tap frame to connect.



Billet Air Cleaner Mount Set will mount air cleaners with flat backing plates to Evolution and TC-88 models. Offset billet mounts feature built in breather passage that feeds inside air cleaner housing. Brackets can be rotated to proper position, then backing plate must be drilled to match. Threaded breather nipples will fasten back plate to brackets.

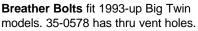
VT No.	Year
34-0750	1991-99
34-0751	2000-up

Type Evolution **TC-88**



Chrome Air Cleaner Support Brackets are for installing the custom round or teardrop air cleaners. Fits 1984-92 Evolution Big Twin. VT No. 31-3941





VT No.	Year	Туре	
35-0731	1992-up Evolution	Hex	
35-0732	1999-07 TC-88	Hex	
34-0578	1999-07 TC-88	Nipple	
34-1509	2008-up TC-88	Nipple	
35-1706	1992-up Evolution	NPT	
34-1507	1999-07	Rubber	
34-1508	2008-up	Rubber	
34-0098	Bolt Set	Studs	



34-0578

4-150

34-0500



Breather Bolt and Banjo Kit includes bolts for both Evolution and TC-88 applications and two banjos to accept 5/16" hose.

VT No.	ltem
34-0500	Without tee
34-0808	With tee
37-0985	Evolution Nylon Washers
37-0986	TC-88 Nylon Washers
37-0989	TC-88 Alloy Washers



Chrome Mini Breather Set includes tie wraps. VT No. 40-0588



Chrome Billet Canister Set includes bolts for Evolution and TC-88 applications.

VT No. 40-0346



Sifton Breather Canister features enclosed breather filter and tube for attaching to breather cross over lines, which is held in place by set screws. Bottom cover is removable for cleaning.

VT No. Item 40-0446 Canister 40-0449 Breather Tube Kit 40-0450 Tube Only

Chrome Billet Single Breather Canister fits cross over metal tubes. Grind down ferrule on end of cross tube to install. VT No. 40-0345



Sifton Dual Vent Kit includes two vent canisters and banjo bolts for 1992-up Evolution and TC-88 models with necessary fittings. VT No. 35-0441



Sifton Dual **Breather Kit** includes two canisters and banjo tubes with hardware for Evolution and TC-88. VT No. 40-0451

V-Twin Mfg. supplied components for every aftermarket motorcycle company who sprang up due to the shortage of Harley-Davidson motorcycles. Startups included: Confederate

- Big Dog (1994-2011)
- Excelsior-Henderson
- Ultra
- Gilroy Indian Co. (1999-2003)
- Orange County Choppers
 - California AMC (1993-97)
- American Iron Horse (1995-2008)

Breather Canister Breather and Bracket Kit



Crankcase Breather and Bracket Kit allows installation of

aftermarket CV type air cleaner on models with CV carb or EFI system. Includes bracket, filter, hose and mounting hardware. VT No. Fits

- 35-0122 1993-98 FXST, FLST 1993-98 FXD (Includes Evo bolts)
- 35-0125 1999-2015 FXST, FLST
- 1999-up FXD (Includes Twin Cam breather bolts only) 40-0350 Filter for Above



Sifton Dual Breather Kit

includes two canisters, banjo tubes and bolts for Evolution and TC-88 applications. VT No. 40-0436



Sifton Dual Canister Set includes hardware for both Evolution and TC-88 models. VT No. 40-0452



Breather Canister Kit for TC-88 models. Fits 1999-up FX-FL. VT No. 40-0892



Breather





Chrome Crankcase Breathers available to accept hose or 1/8" NPT fitting.

VT No. Type 40-0434 3⁄8" 40-0447 1/8" NPT



Chrome Vented Breather Canister accepts 1/8" NPT fittings, not included. VT No. Item 40-0457 Breather 40-0449 Banjo Tube Kit 40-0450 Straight Tube Only







Uni Filter Crankcase Breather is plastic construction with a zip tie loop for attachment and is washable for reuse.

VT No.	Size	VT No.	Size
40-0355	5⁄16"	40-0353	1⁄2"
40-0354	3⁄8"	40-0352	5%"



Engine Breather Oil Collector designed to collect the oil mist from breather hose which eliminates engine oil from collecting in air cleaner. Available in chrome plated finish. Features a high flow air filter which acts as a internal oil baffle allowing the oil and air to separate more efficiently by promoting unrestricted breathing. The air filter can easily be cleaned. A 90° barbed fitting fits breather hoses perfectly. On the bottom is a drain plug to allow drainage on a regular basis. Measures 5 3/8" x 11/2" and includes chrome mounting clamp.

VT No. Finish 40-0595 Chrome

40-0582 **Replacement Filter**



Chrome Billet Crank Case Breather includes 1/8" NPT fittings. VT No. 40-0003

40-0381



Chrome Crankcase Vent clamps direct to 3/8" breather hose. Unit comes with a 5/16" stud and nut or 1/4" x 20 threaded insert to mount from bracket. Measures 2" diameter x 11/2" high. VT No. Type 40-0381 Stud, K&N 40-0570 Threaded



Crankcase Breathers connect to breather hose when stock air cleaner has been replaced. Filters feature chrome tops with washable elements. Bracket can be mounted to transmission case. VT No. 40-0246 includes chrome bracket fastened to body by allen screws, hose fitting is 1/8" NPT threaded into body and can be changed to 90° for special applications.

VT No. 40-0356	Type With bracket
40-0357	Without bracket
40-0246	With bracket



Sifton Universal **Breather Vent** Canister is a one way check valve; includes line and clamps. Non serviceable unit. VT No. 40-0445



Crank Vent features replaceable umbrella valve available separately.

VT No. Item 40-0875 Canister 14-0925 Umbrella Valve (10)



Breather Oil Collector Can includes chrome clamp. Order filter separately. VT No. 40-0652











Manifold Kit for Evolution Big Twin converts stock rubber compliance fittings to a more rigid mount system. Order flange seal kit separately for S&S.

VT No. Item 35-8018* Manifold 35-8035 Manifold Kit 35-0427 Flange Set, Chrome 35-0428 Flange Set, Natural *Note: Use flange kit 35-0427 or 35-0428

Brand S&S V-Twin



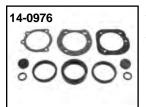
Intake Manifold Coupler Kit includes one each of 27008-83A and 27012-83A compliance fittings with clamps. Fits Evolution.

U/M

Pair

Pair 10 10

VT No.	OEM	Item
35-8012	Kit	Coupler
35-9137	9991A	Clamps
15-0263	29242-83	Gaskets
15-1018	29242-03	Gaskets (James)
37-8962	3494	Stainless Steel Allen Screws



James Manifold Seal Kit to reseal late model manifolds 1988-up. VT No. Item

14-0976 1989-up with CV carb 14-0690 2000-up with 44mm carb 14-0691 1999-up TC-88 with EFI



Tru Seal Manifold with two machined manifold halves which bolt together with stainless allen screws. Does not require the use of existing stock style O-rings or seals. Evolution type also includes front and rear head spigots, gaskets, sealing compound and instructions included. Fits 1985-98 Evolution Big Twin "G" models. VT No. 35-0075

Intake Manifold 1984-up





Stock Intake Manifolds are of cast alloy spigot type as original. VT No. OEM Fits **35-9169** 27019-89 1990-99 Evolution

1999-up TC-88

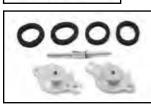
35-0652 27613-99 35-0161 Flange Kit



Manifold Flange Kits replace 27009-86A and 27010-86A for Big Twin 1340 1986-up. VT No. Type 35-0427 Chrome with Seal and Screw 35-0428 Natural with Seal and Screw 35-8027 Chrome Flange Set Only

35-8028 Natural Flange Set Only 14-0165 Seal 14-0573 Blue Seal

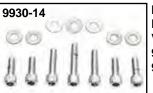
44 mm CV Intake Manifold Flange Kit. VT No. 35-0161



Intake Manifold Width Gauge allows accurate measurements to be taken between cylinder heads to establish intake manifold width requirements. VT No. 16-0250



1995-up Vacuum Line Plugs available in packs of 5. VT No. 35-0384



Intake Manifold Chrome Allen			
Mount Screws.			
Year	Model		
1986-89	Big Twin		
As Above	Polished		
	ews. Year 1986-89		

Air Cleaner Mount Gaskets.

James	VT No.	OEM	Years	
15-1146	15-0148	29058-77	1977-89	
15-1016	—	As Above	.062 thick	
15-1017	15-0285	29059-88	1988-up CV type	15-0285
15-1147	—	As Above	Steel Core	000
15-1148	—	As Above	Adhesive Coated	200
15-0596	—	29095-95	1995-00 Electronic	XXA
			Fuel Injection	Photo -
15-1199	—	29062-95B	1995-06 Carburetor	
—	15-1527	28583-01A	2001-up Carburetor	
_	15-1568	29645-08	2008-up Electronic Fu	uel Injection



Intake Adapters & Seals



CV Carburetor Adapter Flange is 2 bolt early style type without seal. VT No. 35-9150



Manifold Spacer replaces 29250-78 on 1971-88 models. 3%" thick. VT No. Item

- 15-0141 Stock Spacer, each
- 15-1019 As Above, James
- 15-0142 Gaskets. Non-beaded
- 15-1144 Gaskets, Beaded
- 15-1019 Spacer Kit, James (13/4" inner diameter) Stock
- 15-1162 Spacer Kit, James (13/16" inner diameter) Custom



Carburetor Spacers for S&S are available in 1" or 3%" thickness for spacing out 1%" carburetors on models with 5 gallon tanks. VT No. Size

35-0105 1" 3⁄8" 35-0086

Bendix 40 mm



Zenith 40mm Performance Spigot Mount Carburetors Kit for all 1984-up Evolution and Twin Cam models with dual cable operation. Features adjustable main jet, butterfly type choke, spigot mounting and acceleration pump. Use stock type cables and air cleaner. Comes complete with all fittings, adapters and instructions. Kits sold as shown.

VT No. Finish 35-0023 Standard 35-0024 Chrome



Carburetor Adapters.

Carb Size VT No. 35-9136 36-45 mm 35-0117 42 mm 35-0194 40-44 mm 35-4574 36-38 mm 35-9162 42 mm 35-9340 42 mm 35-9341 46 mm 35-0098 38 mm 35-0088 38 mm

Type Spigot Rubber Spigot Rubber Spigot Rubber Flange Adapter Flange Adapter Flange Adapter Flange Adapter 2 Bolt Adapter with rubber 2 Bolt Adapter



James VT No. OEM Туре 14-0624 14-0165 26995-86A 1986-up 14-0573 As Above Blue silicone 14-0678 As Above Oversize 14-0689 As Above Standard Size 14-0708 As Above 14-0625* 14-0180* 27002-89 14-0690 injection, 44mm 14-0691

Rubber with metal element Rubber with extra thick metal insert standard size 1990-up Big Twin 2000-up with electronic fuel 1999-up TC-88

*Note: Seal for carburetor to intake manifold.





Dell'Orto Pumper features adjustable accelerator pump and choke. Kit includes throttle assembly, cable, grips, air cleaner adapter and carburetor adapter to fit stock 2 bolt or Shovelhead manifolds on pre 1985 models

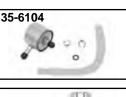
Shovelhead manifolds on pre 1905 models.			
VT No.	ltem	Model	
35-0030	38mm Complete Kit	Shovelhead	
35-0031	40mm Complete Kit	Shovelhead	
35-0053	38mm Complete Kit	Panhead	
35-0238	38mm	Carburetor Only	
36-2550	Throttle Cable		
34-1060	Dell'Orto Ρι	umper Air Cleaner Flat	
	A denter alla	way was of Dending air alasma	

Adapter allows use of Bendix air cleaners. VT No. 34-1060

> **Dell'Orto Spigot Carburetor** Adapters. O-Ring seal with steel flange. VT No. 35-9076









VT No. Models 35-6105 2007-08 FXST, FLT, FLHT, FLHR, FLST

35-6106 1995-01 FLT, FLHT, FLHR

35-6104 2002-07 FXST, FLST, FLHT, FLT, FLHR

35-6108 Replacement Fuel Line, FXST, FLST, FLHT, FLHR **35-6109** Replacement fuel filter kit is OEM style and fits

Evolution Touring models.



Billet Flange Set for use when installing larger throttle bodies for electronic fuel injection. VT No. 35-0787

35-6109



Induction Flange Set will adapt 34-0181 to 34-0705 Sifton breather bracket. VT No. 34-1523



Magneti Marelli Fuel Injection to Carburetor Petcock Conversion Fitting Set. Converts all 1995-01 Big Twins equipped with Magneti Marelli Fuel Injection System to carburetor system. Can be used with any 22mm petcock. Fits 1995-up FLT models. VT No. 35-0751

ThunderJet[®]



ThunderJet[®] Electronic Fuel Injection Throttle Body, Manifold and High Flow Air Cleaner available in 50mm and 54mm) CNC-machined castings replace the 44mm factory designs used on Delphi®-equipped 2001 and later models, are

designed to accept the factory electronic components, including injectors, so assembly is a snap. Matching manifolds (required) are available for most popular engine kits from 95" up to 124".

VT No. Description

- 35-0137 50mm EFI Throttle Body with cruise control
- 35-0138 54mm EFI Throttle Body with cruise control
- **35-0153** EFI Manifold w/ 5.013"-5.016" Long Cylinders fit S&S 124" Kit and Jims 116" Kit
- 35-0154 EFI Manifold w/4.975-4.980" Long Cylinders fits 117" Kit
- 35-0155 EFI Manifold with 5.037" Long Cylinders fits 120" Kit
- 15-1200 Induction Module Gasket
- 15-1201 EFI Filter Gasket



EFI Replacement Fuel Pump Kit is a direct replacement for the OEM pump and includes pump hose and hardware.

VT No. Fits 35-1075 1998-99 FLT 35-1076 2000-01 FLT 35-1077 2008-15 FLT 35-1078 2004-up FXST, FLST, FLST, FXD

EFI Components



Chrome Manifold Cover fits 2004-up FXD, 2001-up Softail and 2002-16 FLT replaces 27483-07. VT No. Item

34-0100 Kit 15-1527 Gasket



Chrome Induction VT No. 31-4195 Module Cover. VT No. 42-1161



Intake Flange Set fits electronic fuel injection models 2007-up. VT No. 34-1188

Electronic Fuel Injection

Induction Bracket fits 2008-



S&S Fuel Pump for fuel injected custom bikes. Hollow mounting bolts secures the pump flange to the bottom of nearly any fuel tank and provides an outlet for wiring and pressurized fuel. A fiber media filter placed at the lowest point in the tank prevents contaminants from damaging the pump or clogging fuel injectors. Pump has a samp draw, 58 PSI and

16 Touring.

a 45L per hour rating. VT No. 35-5089



Electronic Fuel Injection Gaskets.

VT No.	OEM
15-1536	29368-99
15-1537	29465-99
15-1297	29718-08
15-1568	29645-08

15-1536

Type Induction Air Filter As Above Air Filter Year 1999-07 1999-07 James 2008-up



Jims Ellipse 53mm EFI Throttle Body with electronics have an impressive performance when used on all EFI throttle cable motorcycles. Compatible with OEM and aftermarket throttle position sensors, air control motors, fuel injector assemblies, and most ignition systems. Do not use on models that are equipped with throttle by wire controls. Manifold is sold separately. The manifold is also wider to fit most taller engines and is available in two sizes. Use on all 95" to 131" Twin Cam motorcycles. Use on 2006-up FXD and FXST and 2006-07 FL. VT No. Item

35-5209 53mm throttle body with electronics

(manifold sold separately). **35-5210** 53mm throttle body without electronics

- (manifold sold separately)
- **35-5211** Manifold with electronics for engines with stock

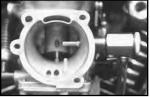
35-5212 Manifold without electronics for engines with stock

BIG TWIN

CV Keihin Carburetor







ThunderJet Accelerator Jet & Accessories mounts in all Bendix-Keihin, S&S, flowmaster, Tillotson, and CV carburetors. Choke must be deleted for use. Works on Venturi vacuum principle as third jet. Extra jets included.

VT No.	Туре
35-1972	Thun

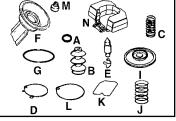
1988
ThunderJet Bendix Keihin, S&S E series
ThunderJet for CV. Carburetor
ThunderJet for S&S G & D Carburetor
Replacement Jet Tube
Keihin Low Speed Jets fit 1976-89 Keihin car-
buretors, except CV.
VT No. OEM MM

35-0297 27896-79 .65 35-0294 27894-78 .68 35-0296 27897-78 .72 35-0295 27382-77 .75 35-0299 27348-77 .88 35-0298 27348-76 1.00



33-0290 27340-70				
Keihin Main Jets.				
VT No.	OEM	MM		
35-0357	27419-76	1.65		
35-0358	27418-76	1.70		
35-0359	27417-76	1.75		
35-0361	27416-76	1.80		





Keihin Carburetor Parts and Accessories

Keinin Carb	ureto	or Parts and A	ccessories
VT No.	#	OEM	Item
14-0921	А	27121-89	Float Valve O-ring 1989-up CV
35-0110	В	27311-76	Pump cap, 10 pack
14-0566		27312-76	Float Bowl Screw O-ring, 1976-77
13-9234	С	27314-76	Throttle Stop Screw Spring
14-0560	D	27324-83	Float bowl O-ring 1983-91 CV, 5 pk
35-9067	Е	27337-76	Float valve with clip
		27338-76	
35-0230	F	27585-88	Vacuum Piston
14-0559	G	27358-76	Float bowl O-ring 1976-78
35-9066	I I	27361-76	Pump diaphragm
35-0852	1	27361-76	Pump diaphragm (5 pack)
13-9168		27362-76	Diaphragm spring
14-0564	Κ	27577-88	Float bowl O-ring 1989-91 CV
14-0937	Κ	27577-92	Float bowl O-ring 1992-up CV
14-0557	L	27889-78	Float bowl O-ring 1978-82
14-0679	Μ	27385-76	Low Speed Jet Plug 1976-up
13-9212		27123-89	Accelerator Rod Spring 1989-up
13-9169		27136-81	Throttle and Idle Adj. Screw
			Spring, 1981-up
13-0500		27136-90	Idle Screw Spring 1990-up
13-9213		27162-89	Vacuum Piston Spring, 1989-up
13-9179		27315-88	Primary Starter Spring, 1988-up
13-9181		27319-76	Low Speed Adjuster Screw
			Spring, 1981-up
13-9183		27322-76	Throttle Lever Spring, 1981-up
13-9178		27584-88	Primary Vacuum Spring, 1988-up
35-9111		27886-78A	Needle for Screamin' Eagle
35-9196	Ν	27576-92	Float 40 mm CV 1992-up







35-9279 Replica 35-0130 Adjustable Idle **Mixture Needles** provide adjustment for Keihin carbure-

tors. Fits CV type. VT No. 35-0130 Accelerator Pump Kit improves throttle response on 1979-88 type Keihin carburetor models with a greater volume of

Keihin Carburetor Rebuilds contain needle, proper o-rings

Brand

Keihin

James

GB

GB

and diaphragm.

VT No. Year

35-0200 1976-78

35-0240 1976-86

35-0196 1983-89

35-0219 1976-86

Keihin carburetors.

VT No. Type

35-9172 Stock

35-9176 Viton

35-0416 1989-up CV GB

35-0422 1988-up CV James

Deluxe Carburetor Kits include

all pieces shown for 1976-89

0 fuel from the pump circuit.

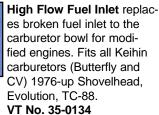


Slow Jet Screw **Driver** facilitates removal of Keihin slow jets with no damage to jet. VT No. 16-0546



VT No. 35-9050

Keihin Adjustable Main Jet. Full adjustability for maximum tuning efficiency. VT No. 35-0369



Carburetor Mount Stud Set replaces 29254-78. Fits 1978-89. Length is 11/4" VT No. 12-2110



71 FON

Enricher for CV Carburetors will eliminate choke cable. Unit has three positions. VT No. 35-0447



Needle Jet Seat Cutter eliminates gasoline seepage from around the needle jet. Creates a smooth and concentric seat VT No. 16-0095





EΖ Tuner **Kits**

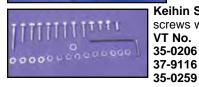
EZ Quick Tuner Kits for CV carburetors. Kit includes brass jets and instructions designed for specifically for each model listed. These kits feature no drilling installation and will work on stock to heavily modified engines.

35-0766 1989-98 Big Twins 35-0763 1999-up Big Twins **CV Carb Tuner Kits** 35-6100 1995-06 FXST 35-6101 1999-06 FXST



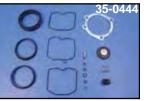
CV Carburetor Rebuild Kit includes seals. O-Rings, diaphragm and vacuum piston. VT No. 35-0465

> **Chrome Float Bowl Speed** Screws for all CV carburetors 40 and 44 mm carburetors. Set of four machined screws. VT No. 35-0259



Keihin Screw Kit includes chrome screws where required. VT No. Years Type 35-0206 1976-89 Allen 37-9116 CV Allen





Hex

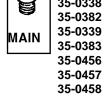
CV Carburetor Rebuild Kit. VT No. Year 35-0416 1988-91 35-0444 1988-up CV Main Jets for Keihin available in packs of 5.

CV Slow Jets VT No. Size M/M 35-VT No.

Ø

35-0451	1.40	
35-0452	1.45	
35-0453	1.50	
35-0454	1.55	
35-0375	1.60	`
35-0376	1.65	M
35-0377	1.70	
35-0378	1.75	
35-0334	1.80	
35-0379	1.85	
35-0335	1.90	
35-0336	1.95	
35-0337	2.00	

2.05



35-0380

35-0381

35-0338

.040

.042

.044

.045

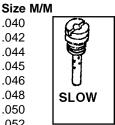
.046

.048

.050

.052

.054







CV Carburetor Top without choke cable mount built in. VT No. 35-0163

35-0163

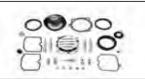






Chrome CV Carburetor Top replaces black plastic cover on 1990-up Big Twin models.

VT No.	Туре
35-8025	Smooth
35-8029	Eagle Spirit
35-8032	Ball Mill



CV Carb Rebuild and Hardware Kit VT No. 35-0612



Keihin and CV Idle Screw allows for easier adjustment by hand. VT No. 35-0220





VT No. Type 35-9330 Without air cleaner



Yost Carburetor Power Tubes atomize the fuel to its finest form as it enters the cylinders. The CV-44 kit includes (1) power tube, (1) drill bit, (2) washers, (2) flow control needles and (4) main jets. Detailed instructions are included with each kit.

35-0455

CV Choke Cable Bracket will mount the knob assembly on top of carburetor for use with air cleaners. VT No. 35-0681

VT No. Fits 35-9232 Screamin' Eagle CV44 44mm CV 1988-up REV1 35-9236

Keihin FCR Carburetor Kit for 1990-99 Big Twin

feature a smoothbore venturi accelerator pump air filter adapter which allows the use of an air cleaner designed for stock CV carburetors, and mounting hardware. Uses stock type CV cables.





CV Tuners Kit by Kinetic-Karb is for 1989-99 Keihin constant velocity carburetors to permit easy tuning after installation of custom air cleaners, cams and exhaust. Includes instructions, three main jets, needle jet, adjustable needle with spacers and

circlips, a spring and drill bits. This dual purpose kit fits 1989 models without accelerator pump and 1990-99 with accelerator pump. Jet assortment includes #140-205, 70 piece main jet assortment.

VT No. Item 35-9075 Kit

35-9099

Jet Assortment



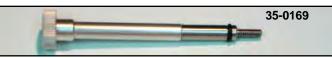
CV Carburetor Upgrade use when installing 35-9075 CV tuners kit. VT No. 35-0363



CV Carburetor Upgrade Kit includes rebuild kit, vacuum piston, screws and tuner kit, fits 1988-up Keihin CV carburetors. VT No. 35-0459



Extended Float Bowl Kit fits CV carburetors for extra capacity, includes hi-flow inlet fitting. VT No. 35-0135





35-0904

Idle Adjustment Screws fit CV carburetor cables include housing as shown. VT No. Type 35-0169 Polish 35-0793 Skull Type



CV Jet Kits





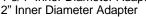
Dynojet for stock carburetors work with mild cams, stock or aftermarket exhaust and stock or aftermarket air cleaner. Fits

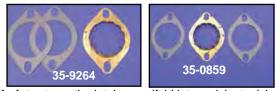
VT No.	D-J#	Fits
35-0535	8120	1999 Twin Cam 88
35-0540	8132	Screamin' Eagle 44mm CV TC-88

35-0903 35-0904 35-0906

Fits 2008-up FLT 1 3/4" Inner Diameter Adapter

35-0906

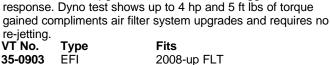




Boyesen Power X-Wing The Power X-Wing is a cost effective, bolt on upgrade that will eliminate sluggish throttle

Turbulator turns the intake manifold into a violent mixing chamber. The heavier fuel particles are directed away from the sides of the intake manifold back to the center of air flow. The fixed valve turbulator then tumbles the mixture resulting in higher horsepower.

VT No. Model 35-9264 44mm 2 Bolt 35-0859 S&S G



HSR-42/45

HSR 48

35-0903

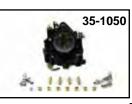


BIG TWIN



S&S 17/8 & 21/16 Super 'G' feature adjustable volume pump, enrichment device for ease of starting and a throttle spool assembly designed for late 2 cable operation. Supplied with tear drop air cleaner, mounting bracket and black fuel line. Super 'E' carburetor is approximately 17/16" shorter than the Super 'B' carb, making installation length of the Super 'E' the same as stock. Can be used with 3.5 or 5.0 gallon Fatbob tanks. The 11/8" is for street stock applications, 21/16" for big bore and race use. Intake manifold clamps or flanges must be purchased separately when they are required.





1% 'E' 21/16 'G' 35-0004 35-9229 35-9230 35-0471 35-0470 35-1050 2596-13

Fits 1984-92 Big Twin Evolution 1993-98 Big Twin Evolution 1999-up TC-88 for use with stock cables Carburetor Only, Natural Carburetor Only, Black Allen Screw Kit









34-1197 Installed



Billet Velocity Stack fits 34-0662 bracket. Stack includes inverted cone filter element. VT No. Item 34-0853 Stack 34-1197 Stack with fan 34-1179 Bracket 34-0854 Replacement Filter





"R" Carburetor has 1 7/8" bore. VT No. 35-0992



Chrome Velocity Stack Kit includes bracket with integral breather passages. Enricher knob included. Fits S&S E.

VT No.	Model
34-1166	Evolution and TC-88
34-1179	Bracket Only
34-1394	Spacer Ring



Hi-Flow Air Cleaner Element fits S&S E air cleaners. Kit includes washable 3.5" high filter and mount studs. VT No. 34-0653

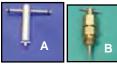


Accelerator Pump Adjusting Screw Set allows adjustment of idle and accelerator pump by these tee bar style screws for ease of adjustment. VT No. 35-0217

S&S Air Cleaner Adapter includes provision for venting, chrome. VT No. 35-0985



Black Thunderjet fits S&S G and D carburetors for larger volume. VT No. 35-0179



Adjustable Main Jets for S&S (C) fits in float bowl drain plug below main metering jet. The recommended main jet is 100 to 104. Fits Super 'B' only. VT No. # Item 35-9168 А Jet Tool Install/Remove Jet on B & E carburetors 35-0370 В Main Jet Super Allen Screw Sets include bowl air

VT No. 37-9105 37-9106

cleaner and cover screws in chrome. Type Super B

Super E & G



Jet Assortment for S&S Super 'E', 'G' and 'B' carburetors. Complete kit includes 7 intermediate jets from .025" to .033" and a main jet kit only which includes 14 main jets from .062" to .084".

VT No. Kit 35-0995 Complete

35-0287 Main Only



Main Jets for S&S. Use when installing new exhaust system or just tuning for better performance and mileage. Sizes available in increments of .002 and ranges in sizes from .040 to 104 Sold each

.104.0010	i caon.				
VT No.	Size	VT No.	Size	VT No.	Size
35-0300	.040	35-0312	.062	35-0323	.084
35-0301	.042	35-0313	.064	35-0324	.086
35-0302	.044	35-0314	.066	35-0325	.088
35-0304	.046	35-0315	.068	35-0326	.090
35-0305	.048	35-0316	.070	35-0327	.092
35-0306	.050	35-0317	.072	35-0328	.094
35-0307	.052	35-0318	.074	35-0329	.096
35-0308	.054	35-0319	.076	35-0330	.098
35-0309	.056	35-0320	.078	35-0331	.100
35-0310	.058	35-0321	.080.	35-0332	.102
35-0311	.060	35-0322	.082	35-0333	.104

Intermediate Jets fits all S&S carburetors.

VT No.	Size/No.	VT No.	Size/No.
35-0350	025 #1	35-9174	.032
35-9173	.0265	35-0354	.033 #4
35-0351	.028 #2	35-0355	.036 #5
35-0352	.0295 #2 1/2	35-0356	.040 #6
35-0353	.031 #3		

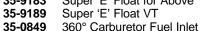




S&S Super 'E' & 'G' Rebuild Kits & Replacement Parts. Rebuild kits contain all the parts necessary for a complete overhaul.

VT No.

- Fits 35-0850 Super 'E' Body Kit VT
- Super 'E' Body Rebuild S&S 35-9185
- Super 'G' Body Rebuild 35-9186
- 35-0966 Accelerator Rebuild Only, Super 'E' & 'G' V-Twin Accelerator Rebuild Only, Super 'E' & 'G' S&S 35-9187
- Super 'E' Master Rebuild 35-9240
- 35-9355 Sifton Super 'E' Rebuild 35-9241
- Super 'G' Master Rebuild Super 'E' Float for Above 35-9183





- Float Bowl Gasket Only, Super 'E' & 'G' each 15-0319
- 35-0234 Needle and Seat Super 'E' & 'G'
- Needle and Seat Super 'E' 35-0970
- Needle Only 35-0978 35-0924
- Needle Seat with elbow 1/4" Insulator Block, 17%" Carburetors
- 35-0235
- 1/4" Insulator Block, 21/16" Carburetors 35-0258 35-0236 Choke Lever
- Replacement Float Bowl Super 'E' & 'G' 35-2388





Enricher for S&S Super E & G features 3 positions. VT No. Type 35-0170 Pike 35-0854 O-Ring



Sifton Enricher for S&S, fits Super 'E' & 'G' and 'B' carburetors, includes chrome knob. VT No. 35-0466

Enricher Assembly for S&S can be used on S&S Super 'E' & 'G' carburetors when a aftermarket air cleaner or velocity stack is used. Does not require lever assembly. Features full on or full off operation only. VT No. 35-0152



Long Float Bowl Screws fit S&S 'E' carburetors, to facilitate easy removal of bowl. VT No. Finish 35-0025 Brass 35-0029 Chrome

Fuel Line has a preformed bend which is kink resistant. Line has 90° formed bend.

VT No. Type Size 35-0561 Clear 20" x ⁵/16" 35-0562 Black 20" x ⁵/16"



S&S Super "E" Cruise Control Adapter Kit make any Super "E" carburetor compatible with the stock cruise control. Fits 1998-up. VT No. 31-2927



Breather Bolt Set fits 1993-up. VT No. 35-1704

Throttle Cable Brackets for S&S. These brackets allow the use of stock type cable on S&S "E" & "G" carburetors. VT No. Туре Years

35-0150 Short 1981-89 35-0151 Long 1990-up



Pingel® Power Flow Valve has a single outlet with reserve. Manufactured as a one piece billet brass unit featuring a 6AN threaded fitting for fuel line hook up using stainless steel hose and fittings, carburetor fitting for Super 'E' & 'G' sold separately.

VT No. ltem 35-0420 Petcock



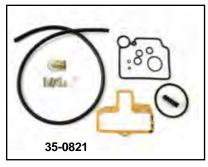
35-0421 S&S Carburetor Fitting





Chrome Velocity Stack Kit includes stack, bracket and enricher knob to fit S&S. ze

VT No.	Туре	Finish	Туре	Size
35-0653	S&S	Natural	E&G	4"
34-1165	V-Twin	Chrome	E & G	4"
34-1177	V-Twin	Chrome	В	2"-5"



Carburetor Rebuild Kit for Mikuni carburetor includes flow fuel hose, throttle valve seal, float bowl seal o-ring, and carburetor top gasket. Custom application for HSR-42/HSR-45 carburetors. VT No. 35-0821

Mikuni Carburetor



35-9319 1999-06 Twin Cam

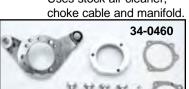


BIG TWIN

Mikuni HSR 42 Carburetor Easy Kits for all Evolution and Twin Cam Big Twins. Partial kit includes carburetor, air box adapter and instructions.

Note

35-9315 1996-99 Evolution Big Twin Uses stock choke cable, manifold and air cleaner. Comes with chrome cover Uses stock air cleaner,



Chrome Billet Carburetor Bracket features integral breather, includes flange ring, and accepts CV style air cleaners.

VT No. Item 34-0445 Kit 34-1261 Flange Ring 34-0460 Kit



VT No. Fits

Chrome Float Bowl Speed Screws fit all Mikuni HSR 42, 45 and 48mm carburetors. Set of four machined stainless screws. VT No. 35-0259



Chrome Carburetor Support Bracket fits HS 40/42 for 1984-99 Evolution Big Twin.

VT No. Item 31-0686 Bracket Only

34-0852 Bracket with Breather Unit 92-99



HSR-42 Velocity Stack Kit includes chrome bracket, stack and adapter ring. VT No. 34-1101



Sifton HSR42/45 Idle Speed Knob features stainless construction with knurls for hand adjustment. VT No. 35-0543



HS42 To S&S 'E' Manifold Adapter allows installation on S&S 'E' manifolds. VT No. 35-9155

HSR-45

VT No.

35-0818

35-0819

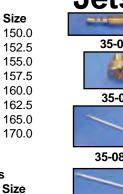
35-0820

Jet Needles

Mikuni HS and HSR Jets.

	o and ne	N 0613.
Pilot Jets	5	Main Jets
VT No.	Size	VT No.
35-0800	22.5	35-0806
35-0801	25.0	35-0807
35-0802	27.5	35-0808
35-0803	30.0	35-0809
_		35-0810
35-0805	35.0	35-0811
		35-0812
		35-0814

HSR-42				
Jet Needles				
VT No.	Size			
35-0815	95			
35-0816	96			
35-0817	97			







Air Cleaner Adapter Plate will adapt any CV style 3-bolt air cleaner to the Mikuni as noted. Fits 42 and 45 mm CV.

VT No. 34-0834

95

96







35-9321

SU Eliminator II Carburetor Parts

VT No. 35-4551 35-4554

35-4555 35-4556 35-4557

35-4558



SU Carburetor Replacement Parts Application Rebuild kit for Eliminator SU carburetor

1/2" oz piston return spring (red) 8 oz piston return spring (silver) 12 oz piston return spring (green) Standard (BBX) tapered needle Slightly leaner (BBT) tapered needle



Mikuni HSR42/45 Total Kit for Big Twins. These kits are complete with all required parts for installation. Kits include HSR 42mm or 45 mm carburetor, intake manifold, rubber flange, K&N filter, chrome cover, breather kit and mounting hardware. Models from 1990-up use stock throttle/idle cables and 1984-89 models require 1990-up cables.

HSR42mm

35-9321 1984-99 Evolution Big Twins 35-9327 1999-up TC-88 HSR45mm 35-9222 1984-99 Evolution Big Twin 35-9328 As Above Kit w/o Intake Manifold 35-9324 1999-up TC-88 35-9322 Rebuild Kit (42 and 45 mm) 35-0430 Breather Kit 1993-up

Internal Throttle



Refer to H in 36-0595 istallation

VT No. 36-0570 Internal Throttle Sleeve. Custom design allows pull action of throttle cable for use with billet grips.

VT No. Item 36-0570 Throttle 36-0595

Ball Bearing 9mm x 4mm x 4mm 1. Cut 2%" off end of handlebar. Remove end of throttle handle that would attach to throttle cables

2. Mark handlebar for inner throttle sleeve. Drill a hole for the set screw, this will hold throttle on the handlebar

3. Remove set screw from the outer sleeve of spiral. Slide grip on and mark end of grip on the handlebar. Measure from this mark back to set screw in outer sleeve. This measurement will be used to mark and drill the throttle grip. Once drilled install grip. Use a small amount of Loctite® on set screw for final installation

4. Note: Set Screw (A) should not be tightened so as to make contact with handlebar as it will prevent throttle from turning.



Internal Throttle/Clutch Unit features ball and needle bearing construction with built in return spring.

VT No. Type Item

36-0789 Clutch Assembly

36-0590 Bearing 5% x ¹³/₁₆ x 5%

36-0591 Bearing 3% x 7% x 9/32

Throttle by Wire Extension Harness Kits "TBW" extension harness will plug in to the existing 6 position Molex connector. These wire extensions will not cause interference to motorcycles computer when installing taller handlebars.

VT No. Extension 32-1205 +4" 32-1206 +12" 32-1204 +16"



Carburetor Kits

35-1100









Weber 45MCHH Single Barrel Carburetor features a chrome carburetor and a unique intake manifold and breather kit that fits both Evolution and Twin Cam Big Twin engine 1992-up. Kits are available with a chrome billet air cleaner and "shorty" type manifold which fits in the stock location between the cylinders. (kits 35-1100 and 35-1102)

For an aggressive look the 45MCHH can be ordered with a highly polished forward swept manifold and cone shaped air filter.(Kits 35-1105 & 35-1106) Additionally, the 45MCHH is available in a kit which features a forward swept air filter elbow which can be used either in the forward or upswept position. The elbow and mounting brackets are polished billet aluminum. (Kits 35-1107 & 35-1108) All 45MCHH kits include carburetor, manifold, air filter, choke cable, installation instructions and jet kit. Carburetor kits are available for both Evolution 80 and TC-88 carbureted motors.

VT No. Туре

- 35-1100 Evolution 80 with shorty manifold and chrome billet air filter
- As above for TC-88 engines 35-1102
- 35-1105 Evolution 80 with swept forward and cone shaped air filter
- 35-1106 As above for TC-88 engines.
- Evolution 80 with swept forward/swept up air filter. 35-1107
- 35-1108 As above for TC-88 motors.



Throttle and Cable Kits include grips, throttle idle and Barnett throttle cable with ends attached as pictured for S&S 'E' and 'G' carburetors.

35-9246 38" Complete Kit

35-0212 Handle and Grips only

S&S Super 'E' & 'G' and Cables for Dual Stock Type Throttle Handles.

Stainless	Black	Length	Туре	Years
—	36-2464	33"	Throttle	1981-95
36-0635	36-2466	33"	Idle	1981-95
	36-0744	33"	Throttle	1996-up
36-0745	36-0746	33"	Idle	1996-up
—	36-2545	38"	Throttle	1981-95
—	36-2544	38"	Idle	1981-95
—	36-0732	38"	Throttle	1996-up
36-0733	36-0734	38"	Idle	1996-up





Chrome Throttle Clamps and Tube Set feature smooth design, upper and lower pieces with screws and nylon throttle tube, for single or dual cable applications. For use with 1982-up type cables.

VT No.	Туре
35-0253	Single
35-0254	Dual

Radii Billet Throttle accepts single 1982-95 throttle cable.

VT No. 35-0255

VT No. 36-0564



Dual Billet Throttle Housing for use with idle and throttle cable.



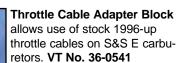


Throttle Housing custom design for single cable operation. VT No. Finish

• • • ••••	
36-0151	Chrome
35-0856	Black Vintage
35-0857	Chrome Vintage
35-0858	Copper Vintage



36-0541 Installed



Throttle Cable Kit 🌌



BIG TWIN







Dual 1981-up (Push-Pull) VT No. Item 35-0237 Kit with grips 35-0212** Kit with grips 35-9352** Kit with Barnett cables 35-9350 Kit with Barnett cables 56324-81A Throttle only 35-9149* 35-9218 56396-74 All Friction Spring *Note: Includes nylon tube with chrome clamps. **Note: Includes chrome end plugs.



Universal Throttle Sets feature chrome housing with adjuster and metal twist tube. All use universal single cable.

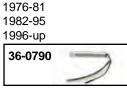
VT No.	#	Item		
35-0071	А	1" with Anderson Rubber Grips		
35-0232		As Above without Grips		
28-0116		Grips for Above		
35-0213	в	1" with Plastic Grips and Cable		
28-0215		Barnett Left Side Grip		
35-0214	С	7/8" with Plastic Grips and Cable		
36-0104		Cable only, Barrel end only, 48"		
36-0112	Cable only, Barrel End, 60"			
36-2538		Handle Ferrule with nut		
35-907	3	28-1981 35-9870		



Year

Nylon Throttle Tubes.

Туре
Single
Dual
Dual
35-9871



Throttle By Wire 35-9871 Throttle by Wire 2009-up Tube Only 36-0790 Throttle Assembly 2008-up



Throttle Cable

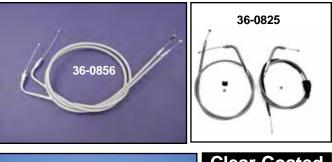




Barnett Carburetor Conversion Throttle/Idle Cables. Order by carburetor and throttle type. For use with stock type Push-Pull Throttle handles except as noted. Mikuni Carb, 38 and 40mm

	Stainless		enath	Cable	
Stainless Stainless Black Length Cable Clear Coat					
_	36-1542		38"	Throttle	Unv., Single
_	36-1543	36-2494			Unv., Single
	36-1545	36-2541			1981-95 Single
Mikuni H	S40				0
	36-1546	36-2543	41"	Throttle	1981-95
_	36-1547	36-2542		Idle	1981-95
	36-1548	36-0728	41"	Throttle	1996-up
	36-1549	36-0730		Idle	1996-up
Mikuni H	S 42/45				•
	36-1550	36-2585	36"	Throttle	1981-95
36-0667	36-1551	36-2586	37"	Idle	1981-95
_	36-1552	—	36"	Throttle	1996-up
_	36-1553	36-0751	37"	Idle	1996-up
Keihin					
_	36-1554	36-2477	38"	Throttle	Unv., Single
_	36-1555	_	46"		Unv., Single
S&S Sup	er 'B' or Be	endix			-
	36-1556	_	37"	Throttle	1976-80
_	36-1557	36-2475	38"	Throttle	1981-95
	36-1558	36-2498	38"	Idle	1981-95
36-0723	36-1559	36-0724	38"	Throttle	1996-up
36-0725	36-1560	36-0726	38"	Idle	1996-up
S&S Sup	er 'E' & 'G'				
—	36-1563	36-2545	44"	Throttle	1981-95
—	36-1564	36-2544	44"	Idle	1981-95
—	36-1565		44"	Throttle	1996-up
36-0733	36-1566	36-0734	44"	Idle	1996-up
Dell'Orto	Pumper				
36-0670	—	36-2550	40"	Throttle	Unv, Single
Dell'Orto	Dual Throa				
—	—	36-2581			1981-95
—	—	36-2582		Idle	1981-95
36-0735	—	36-0736			1996-up
36-0737	—	36-0738	39"	Idle	1996-up
Qwiksilv	er				
36-0673	—	36-0740			1996-up
36-0674		36-0742		Idle	1996-up
	I Throttle C	ables by			
36-0905	—		41 ¹ /2"		Barrel Ends
_	—	36-0104		Barrel E	
_	—	36-0112			
		36-0105			/likuni Ball End
				-	er Knob fits
between idle and throttle cable					

on 1984-up. **VT No. 35-0684**





Stainless Steel Braided Cable Set by M&M features clear coating for throttle and idle applications.

coating for throttle and folle applications.			
VT No.	Year	Model	Length
36-0857	1996-up	Softail-FXD	34.25"
36-0128	1996-up	Softail-FXD	42.5"
36-0119	1996-up	Softail-/FXD	46"
36-0131	1996-up	Softail-FXD	52"
36-0856	1990-95	FXST-FLST-FXR	Stock
36-0866	1990-95	FXST-FLST-FXR	+8"
36-0855	1981-89	FX-FLST	Stock
36-0114	1982-95	S&S	42"
36-0115	1982-95	S&S	54"
36-0129	1996-up	S&S	38"
36-0135	1996-up	S&S	44"



Barnett Clear Coat Braided Stainless Throttle Cable Sets include throttle and idle cable.

Year	Model	Length
1996-99	FXST, FLST, FXD	Stock
+8"	As Above	+8"
1981-95	S&S Super E,G, Screamin' Eagle	38"
1996-up	S&S Super E,G, Screamin' Eagle	38"
1981-95	S&S Super E,G, Screamin' Eagle	42"
1996-up	S&S Super E,G, Screamin' Eagle	42"
1981-89	FX, FLH, FXST, FLST	Stock
	As Above	+ 8"
1996-up	FXSTS (38"casing)	Stock
1990-95	FXLR, FXRS,FXRT, FLST, FXR,	Stock
	FXST, FXSTC, FLST, FLSTC	
	As Above	+8"
	Year 1996-99 +8" 1981-95 1996-up 1981-95 1996-up 1981-89 1996-up 1990-95	1996-99FXST, FLST, FXD+8"As Above1981-95S&S Super E,G, Screamin' Eagle1996-upS&S Super E,G, Screamin' Eagle1981-95S&S Super E,G, Screamin' Eagle1996-upS&S Super E,G, Screamin' Eagle1981-89FX, FLH, FXST, FLST As Above1996-upFXSTS (38"casing)1990-95FXLR, FXRS,FXRT, FLST, FXST, FXST, FXSTC, FLST, FLST





41mm Push On Fork Tube Clamps to secure speedometer cables and brake lines.

VT No. Style 31-0315 Smooth 31-0316 Groove

> Cable Clip with 5/16" hole snaps on fork tubes to hold cables and brake hoses. VT No. Fork Tubes 24-0497 41mm

24-1024 49mm

Chrome Handlebar Wiring Clips snap into late model stock bars with holes at bends. 10 pack. VT No. Size, Inner Diameter

36-0613 3⁄8"

36-0614 1/2"

Black Cable Clamps fits 11/8" to 11/4" bars. VT No. Type



FXST-FLT Complete Choke Cable Assembly for 1993-2006



models. Includes cable, cable guide, sealing cap, starter valve, starter cap and enrichment spring.VT No. 36-0597

0 0

FXD-FXR Choke Cable Assembly for 1993-94 FXR, 1991-05 Dynaglide, replaces 29229-88C. VT No. 36-2555



36-2555

Chrome Choke Knob fits 1989-up CV Big Twin model carburetors.

VT No. 36-0551

Chrome and Billet Clamp



Chrome Cable Clamps are 2-piece design for securing cables or wires to frame and forks. Sold each. As noted for

cable type.					
VT No.	Size	Holes	Туре		
37-9119	1"	2	Throttle		
31-9943	1"	Slot	Throttle (2)		
37-8976	11⁄4"	Slot	Throttle (2)		
37-9501	11⁄2"	Slot	Throttle (2)		
37-9502	1¾"	Slot	Throttle (2)		
37-9503	2"	Slot	Throttle (2)		
37-9396	11⁄4"	2	Throttle (2)		
37-9398	11⁄4"	1	Throttle		
37-8911	1"	1	Clutch		
37-8915	11⁄8"	1	Clutch		
37-9359	11⁄4"	1	Clutch		
37-8913	35mm (1%")	1	Clutch		
37-8914	39mm	1	Speedometer		
37-9341	41mm	1	Speedometer		
31-1010	49mm	1	Clutch		



Chrome Cable Clamps. Unique two piece design allows easy installation. Swivel head design allows more natural cable routing without excessive bending. Rubber sleeves protect painted surfaces and cable housing. Clamps fit handlebars and aftermarket frames.

Size	Holes	Туре
11⁄4 -11⁄4"	Dual	Throttle/Clutch
1 - 11⁄8"	Dual	Throttle/Clutch
	Single	Cable Holder Only
		for ¹⁵ ⁄64" (7mm)
	Size 1¼ -1¼"	Size Holes 1¼ -1¼" Dual 1 - 1⅛" Dual

%22" (8mm) and 11/32" (9mm cables) Dual Cable Holder Only

31-0338* As Above *Note: Cable holders only are for use with 31-0296, 31-0297 and 31-0336.

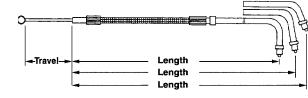
37-8942	36-0597	1
20		36-2555

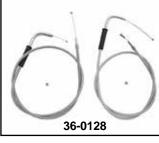
FLH-FXST-FLT Choke Cable. Assemblies include knob casing and inner wire

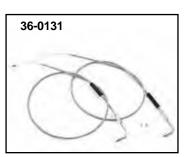
and miller	wire.		
VT No.	OEM	ltem	Fits
36-0523	29213-79	Assembly	1984-89 FXST
	29211-86		1985-86 FXWG
36-2555	29229-88C	Assembly	1993-06 FLT-FXST
36-0995	29214-71	Chrome Knob	1971-89 FLH-FXST
28-2117	27451-82	Rubber	
		Grommet	1982-89 FLH-FXST
12-0576	27450-82	Nut	1982-89 FLH-FXST
37-8942	Kit	Nut	1984-99 FXST
12-1190	11013	Retaining Ring	1979-89 FLH-FXST-FLT



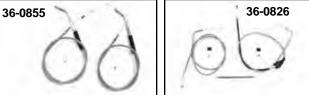
Throttle Cable

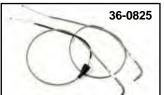






Throttle/Idle Cables





Clear Co	Clear Coated Throttle/Idle Cable Set									
VT No.	Length	Over	pplication							
36-0855	38"	Stock	1981-99 FX-XL-FL							
36-0868	46"	+8"	1981-99 FX-XL-FL							
36-0856	34"	Stock	1990-95 90 FXST/FLST, 90-95 FXSTC/FLSTC/FLSTF, 1995 FXSTSB, 93-95 FLSTN, 91 FXDB, 90-94 FXLR/FXR, 90-92 FXRS/FXRT, 90-93 FXRS- Conv. FXRS S.E.							
36-0773	43"		1994-95 FLHR, 1990-95 FLHT							
36-0866	36"	+8"	1990-95 90 FXST/FLST, 90-95 FXSTC/FLSTC/FLSTF, 1995 FXSTSB, 93-95 FLSTN, 91 FXDB, 90-94 FXLR/FXR, 90-92 FXRS/FXRT, 90-93 FXRS- Conv. FXRS S.E.							
36-0857	34.25"	Stock	1996-05 FXD, 02-05 FXDI, 99-05 FXDX, 02-05 FXDXI, 01-03 FXDXT, 96-05 FXDL, 01-05 FXDLI, 96-00 FXDS Conv., 96-05 FXDWG, 01-05 FXDWGI							
36-0128	42.25"	+8"	996-05 FXD, 02-05 FXDI, 99-05 FXDX, 02-05 FXDXI, 01-03 FXDXT, 96-05 FXDL, 01-05 FXDLI, 6-00 FXDS conv., 96-05 FXDWG, 01-05 FXDWGI							
36-0119	47"		1996-up ST-FXD							
36-0131	52"	+12"	1996-05 FXD, 02-05 FXDI, 99-05 FXDX, 02-05 FXDXI, 01-03 FXDXT, 96-05 FXDL, 01-05 FXDLI, 96-00 FXDS Conv., 96-05 FXDWG, 01-05 FXDWGI							
36-0825	46"		1996-01 FLHTCUI, 98-01 FLTRI							
36-0826	40"		2002-07 FLHRI, FLHRCI							



Full Stainless Braid **Covering with Clear Coat**

M&M Cables are constructed with the Supra™ stainless steel braid which is tightly woven for a bright, quality consistent finish. The clear coat is UV resistant, heat bonded, non-yellowing grade for a long service life. All applications include the correct fittings, adjuster and inner lengths for an exact installation and fit.



:6

10-1-1

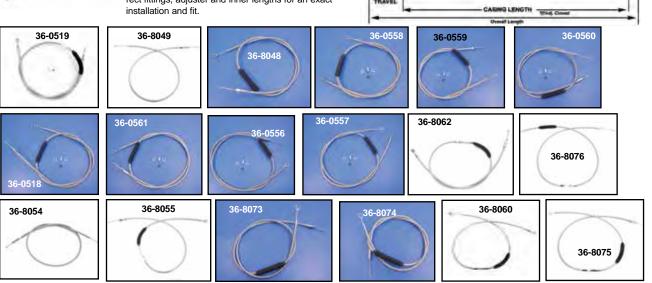
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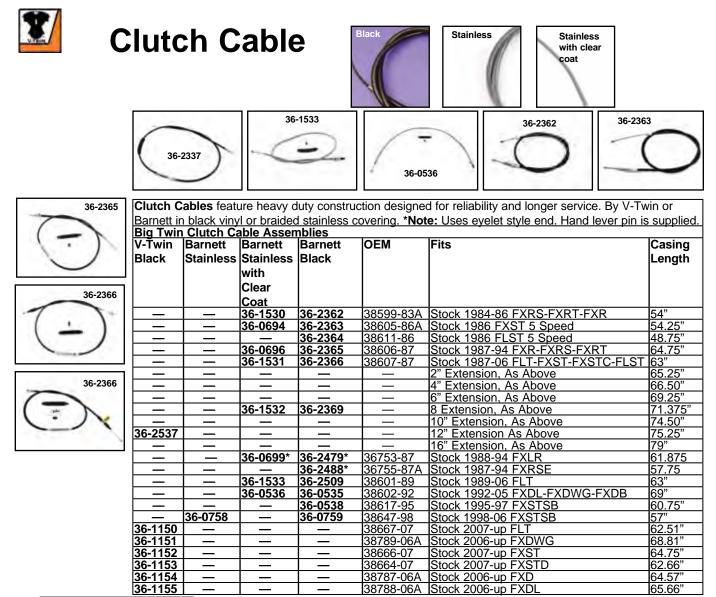
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TRAVEL



			d Clutch Ca	
VT No.				Application
36-0519	63"		38607-87	1987-06 FXST-FXSTC-FLST
36-8049	52.56"		38618-68C	1970-84 FL/FLH, 84-85 FXST, 1977-82 FXS, 83-85 FXSB, 1973-84 FXE, 79-81/84-85 FXEF, 1980-86 FXWG, 80-82 FXB, 71-78 FX
36-8048	62.69"		38607-87A	1987-90/99 FXST, 87-99 FXSTC, 2000-04 FXSTD/FXSTDI,
			38664-00	FXST, 87-99 FXSTC, 00-04 FXSTD/FXSTDI, 87-99 FXSTS/FLSTC, 87-90 FLST, 90-99 FLSTF, 93-96/2005 FLSTN, 97-99 FLSTS
36-0558	65.25"	+2"	38607-87	Stock 1987-06 FXST-FXSTC-FLST
36-0559	66.50"	+4"	38607-87	Stock 1987-06 FXST-FXSTC-FLST
36-0560	69.25"	+6"	38607-87	Stock 1987-06 FXST-FXSTC-FLST
36-0518	75 5/8"	+8"	38607-87	Stock 1987-06 FXST-FXSTC-FLST
36-0561	74.50"	+10"	38607-87	Stock 1987-06 FXST-FXSTC-FLST
36-0556			38607-87	Stock 1987-06 FXST-FXSTC-FLST
36-0557	79"	+16"	38607-87	Stock 1987-06 FXST-FXSTC-FLST
36-8062	64.69"	Stock	38666-00	2000-05 FXST/FXSTI/FXSTS/FXSTS/FLSTC/FLSTC/FLSTF/FLSTF/FLSTS/FXD/FXD/FXDX/FXDXT, 01-03 FXDWG2/3, 01-05 FXDL
36-8076	70.69"	+6"		00-05 FXST/FXSTI/FXSTS/FXSTSI/FLSTC/FLSTC/FLSTF/FLSTFI/FLSTS/FLSTSI/FXD/FXDX/FXDXT, 2001-03 FXDWG2/3.
				01-05 FXDL
36-8063	57.69"	Ì	38665-00	1999-05 FXSTB/FXSTBI
36-0867				2006-up FXDWG, ST
36-0864	68.81"	ĺ	38789-06A	Stock 2006-up FXDWG
36-0865				Stock 2007-up FXST
36-1156	62.66"		38664-07	Stock 2007-up FXSTD
36-1158	64.57"	ĺ		Stock 2006-up FXD
36-1159	65.66"	İ	38788-06A	Stock 2006-up FXDL
36-8051	63.69"		38606-87A	1987-94 FXR, 87-92 FXRS/FXRT, 89-93 FXRS-Conv., 87 FXRC
36-2514	64.75"	Stock	38606-87	1987-94 FXR-FXRS-FXRT
36-8051	63.69"	İ	38606-87A	87-94 FXR, 87-92 FXRS/FXRT, 89-93 FXRS-Conv., 87 FXRC
36-8054	53.31"		38599-83A	1983-86 FLHT/FLHTC/FLTC/FLT/FXR/FXRS/FXRT, 85-86 FXRS S.E., 85 FXRC, 86 FXRD. 84 FXRDG
36-8055	60.63"		36753-87A	1987-94 FXLR
36-8056	57.63"		36755-87A	1987-93 FXRS S.R.
36-8057	68.69"	Stock	38602-92	1995-99 FXD, 93-05 FXDL, 94-00 FXDS Conv., 93-99/00-05 FXDWG
			38661-00	1992-05 FXDB/FXDC
36-8067	72.69"	+4"	38602-92	1995-99 FXD, 93-05 FXDL, 94-00 FXDS Conv., 93-99/00-05 FXDWG
			38661-00	1992-05 FXDB/FXDC
36-8068	74.69"	+6"	38602-92	1995-99 FXD, 93-05 FXDL, 94-00 FXDS Conv., 93-99/00-05 FXDWG
				1992-05 FXDB/FXDC
36-8069	76.69"	+8"	38602-92	1995-99 FXD, 93-05 FXDL, 94-00 FXDS Conv., 93-99/00-05 FXDWG
			38661-00	1992-05 FXDB/FXDC
36-8070	78.69"			1995-99 FXD, 93-05 FXDL, 94-00 FXDS Conv., 93-99/00-05 FXDWG
			38661-00	1992-05 FXDB/FXDC
36-8058				1982 FXR/FXRS
36-8059	62.69"	Stock	38601-89	1994-05 FLHR, 96-97/00-05 FLHRI, 1998-05 FLHRCI,
			38667-00	2002-04 FLHRSEI, 95-05 FLHT, 1989-05 FLHTC/FLHTC/FLHTCU/FLHTCUI,89-96 FLTCU/FLTCUI,
				1999-05 FLTR/FLTRI, 00-01 FLTRSEI, 1989-93 FLHS, 89-91 FLTC
36-8071	64.69"	+2"	38602-92	1995-99 FXD, 93-05 FXDL, 94-00 FXDS Conv., 93-99/00-05 FXDWG
				1992-05 FXDB/FXDC
36-8072	66.69"	+4"	38602-92	1995-99 FXD, 1993-05 FXDL, 94-00 FXDS Conv., 93-99/00-05 FXDWG
			38661-00	1992-05 FXDB/FXDC
36-8073	68.69"		38602-92	1995-99 FXD, 93-05 FXDL, 94-00 FXDS Conv., 93-99/00-05 FXDWG
			38661-00	
36-8074	70.69"	+8"	38602-92	1995-99 FXD, 93-05 FXDL, 94-00 FXDS Conv., 93-99/00-05 FXDWG
			38661-00	
36-8060	60.69"	Stock	38617-95	1995-97 FXSTSB
36-8075			38617-95	1995-97 FXSTSB
		•		





Chrome Clutch Cable Adjuster Cover fits 1987-up Big Twin. Installs over adjuster at clutch adjustment cover. Locks in place with stainless steel set screw. Will retro fit Barnett or stock cables.

VT No.	Туре	Style
36-0578	1982-up	Upper
36-0579	1987-06	Lower
~	x	



Lever Pins/I	Bushings		
VT No.	OEM	ltem	U/M
26-2130	45032-82	Pin 1982-84	10
26-2132*	45036-88	1988-up with Bushings	Each
36-2559	45423-92	Lever Bushings	10
*Note: Teflor	n pin fits 198	8-up eyelet clutch cables	



Braided Cable Heat Shrink Tubing.

Clear heat shrink tubing for use on all braided stainless steel cables to prevent cable from scratching painted or chromed surfaces while still keeping that braided steel look. Kit contains 4-16" long heat shrink tubes to cover 2 throttle cables, 1 clutch and 1 speedometer cable. Bulk tubing is in a 10 foot roll.

Item
Cable Sleeve Kit
3/8" x 10' Roll
1/2" x 10' Roll
3/4" x 10' Roll



Cable Clamp is fitted to hand lever for emergency or permanent use. Easy to install .460" diameter, pair. VT No. 26-0509

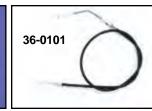


Black Matched Stock and Idle Cable Sets for Big Twin include correct throttle and idle cable assembly.

Stock	+8"	+12"	Years	Model
36-0858	36-0861	—	1996-up	Softail/FXD
36-0859	36-0862	_	1990-95	Softail/FXR
36-0860	36-0863	36-2561	1981-89	Softail/FLH



36-0902



BIG TWIN

Big Twin Th	Big Twin Throttle/Idle Cables are available in black vinyl or braided stainless covering with correct end fitting for each application,									
also available	also available in over stock length. Assemblies unless noted.									
V-Twin	V-Twin V-Twin Barnett Barnett OEM Fits									
Stainless	Black	Stainless	Stainless	Black						
	Clear Coat									
36-0903	36-0903 36-0101 — 36-1504 36-2464 56324-81 Stock 1981-89 FX-FLH-FXST-FLST Throttle									
_	— — — 36-1505 36-2465 — +8" Extension As Above									

36-0903	36-0101	—	36-1504	36-2464	56324-81	Stock 1981-89 FX-FLH-FXST-FLST Throttle	
—	—	—	36-1505	36-2465	—	+8" Extension As Above	
—	36-2558	—	—	—	—	+12" Extension As Above	
36-0902	36-0100	36-0635	36-1506	36-2466	56323-81	As Above, Stock Idle	
_	—	—	36-1507	36-2467		+8" Extension As Above	
_	36-2557	—	—	—	—	+12" Extension As Above	
_	—	—	—	36-2468	56328-81	Stock 1981-89 FLT-FLHT Throttle	
_	—	—	-	36-2469	56327-81	As Above, Stock Idle Cable	
_	—	—	36-0639	36-2470	56336-83	Stock 1983-87 FXRT-FXLR-FXRSE, Throttle	
_	—	—	36-0640	36-2471	56337-83	As Above, Stock Idle	
_	—	—	_	36-2546	56343-88	Stock, 1988-89 FXLR Throttle	
_	—	—	—	36-2547	56342-88	As Above, Stock Idle	
_	—	—	—	36-2499	56306-88	Stock 1988-89 FXSTS Throttle	
_	—	—	—	36-2500	56305-88	As Above, Stock Idle	
			36-1508	36-2501	56306-90	Stock 1990-95 FXSTS Throttle	
_	—	—	36-1509	36-2502	56305-90	As Above, Stock Idle	
_	—	—	36-1510	36-0756	56306-96	Stock 1996-up FXSTS Throttle	
_	—	36-0755	36-1511	36-0757	56305-96	As Above Stock Idle	
—	—		—	36-2503	56327-90	Stock 1990-95 FLT-FLHT-FLHS Throttle	
—	—	—	36-0650	36-2504	56328-90		
—	—	36-0651	36-1512	36-2505	56343-90		
_			—		—	FXSTC-FLST-FLSTC Throttle	
_	—	—	36-1513	36-2507	—	+8" Extension As Above	
			36-1514	36-2506	56342-90	As Above, Stock Idle	
			36-1515	36-2508		+8" Extension As Above	
_	—	—	—	36-0707	56327-96	Stock 1996-2001 FLHR-FLHT Throttle	
_	—	36-0708	—	36-0709	56328-96	As Above, Stock Idle	
				36-0764	56357-02	Stock 2002-up FLHR, FLHT Throttle	
			—	36-0765	56362-02	Stock As Above Idle	
_			<u> </u>	36-0711	56379-96	Stock 1996-up FLHR-I Throttle	
			—	36-0760	56368-96	As Above, Stock Idle	
_				36-0715	56357-96	Stock 1996-up FLHTC-I Throttle	
_			—	36-0760	56368-96	As Above Idle	
_			36-1516	36-0717	56343-96	Stock 1996-up FLST-FXD-FXDWG-FXST Throttle	
			36-1517	36-0718		+8" Extension As Above	
_			36-1518	36-0720	56342-96	As Above Stock Idle	
			36-1519	36-0722		+8" Extension As Above	
	—	—	36-1570	36-0766	56343-01		
_	—		36-1571	36-0767	—	+8" Extension As Above	
_	—	—	36-1572	36-0768	56342-01	Stock As Above Idle	
		_	36-1573	36-0769	_	+8" Extension As Above	



Throttle Idle Clips, Cable Retaining Clips & Ferrules. Sold in 10 pack.

BC # OEM Item

 VT No.
 #
 OEM

 36-0527
 A
 11272

 36-0528
 B
 11271

 36-2480
 C
 56508-76

Throttle Cable Clip Idle Cable Clip Throttle/Idle Ferrules **Year** 1996-up 1996-up 1976-up



Throttle Cable Adapter Kit is used when fitting pre1990 Edelbrock Qwiksilver carburetor on 1990-98 Big Twin with stock throttle cables. Use on 1996-up S&S series carburetor to allow use of stock cables. VT No. 36-0542



Speedometer Cable



Front Wheel Drive Speedometer Cables.										
Choose by application or by length and top nut size.										
Available in black vinyl, stainless or clear coated stainless.										
Black	Stainless	OEM	Length	Тор						
Vinyl				Nut						
L1984-87 FXE 1985 FXEF Models.										
36-2552	36-2527	67077-85	36"	16mm						
1987-94 F	XR-FLXR, 19	<u>84-86 FXRS, 1</u>	984-86 FX	SB,						
Replaces	OEM 67078-8	<u>85A, 67051-73</u>	1	-78A.						
36-0606	36-2528	See Text	40"	16mm						
36-0813		Barnett	40"	16mm						
	36-0120	Coated	40"	16mm						
1987-93 F	XRS/SP, Con									
36-2414	36-2529	67048-83A	43"	16mm						
	36-0121	Coated	43"	16mm						
36-0815		Barnett	42"	16mm						
36-0608	67052-78B		49"	16mm						
1987-92 F	XRT.	u.	-							
36-2410		67054-83A		16mm						
		FXSTS, 1984-9								
FXDWG,	1 991-94 DG. F	Replaces OEM	67038-84,	67024-						
84A, 6718	6-88C.									
36-2416	36-2532	See Text	38.5"	12mm						
	36-0122	Coated	38.5"	12mm						
36-0603	36-0819	67051-74	39"	12mm						
	36-0123	Coated	39"	12mm						
36-0814	—	Barnett	39"	12mm						
36-0604	—	+4"	43"							
36-0605	36-2534	+6"	44.5"	12mm						
—	36-0124	Coated	44.5"	12mm						
36-2411	36-2533	67060-79A	38"	12mm						
1987-95 F	LST Models.									
36-2417	36-2428	67079-86A	34"	12mm						



60" Chrome Cable Wrap is a classic1950's style dresser trim item. Inner diame-ter size noted. Sold each.VT No.Size36-05205mm36-05216-7mm36-052510-11mm

Speedometer Drive Kit

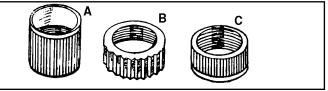


with 12mm fitting. VT No. Item 36-0615 Kit **1986-95 Rear Wheel 2.1 Ratio Speedometer Drive Kit** fits FXST-FLST models left side. Use on applications when front wheel drive unit cannot be installed. Accepts speedometer

36-0417 Cable Only

Bob Dash Speedometer Cable adapts to speedometer with 5%" outer diameter male thread, and front wheel drive.

VT No.	Length	Housing
36-0607	391⁄2"	Black
36-2444	39½"	Stainless
36-0126	39½"	Clear Coated Stainless
36-0610	421⁄2"	Black
36-2548	421⁄2"	Stainless



Replacement Speedometer Cable Nuts for front wheel drive cables and available in 5 packs.

VT No.	#	Туре	Model
36-0397	А	12mm	1981-94 FXR
36-0396	В	16mm Fine	1973-77 FXE
36-0515	С	16mm Course 5/8" NPT	Fat Bob
	_		



Cable Adapter allows use of 5%" cable on 12mm threaded speedometers. VT No. 36-0507



Speedometer Cable and Cable Mount for front wheel drive models 1973-up in 5 pack.

VT No.	OEM	ltem
31-0149	38623-68	Chrome
28-1998	66996-85	Cable E

Item Chrome Bracket Cable Boot



The Rubber Cable Boot helps secure cable screw in threads by reducing vibration at cable end on all front wheel drive cables. Drive not included.



VT No. 36-0565

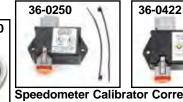
21" Wheel Speedometer Drive Kit includes drive and adapter ring to utilize a 2240:60 speedometer on 1973-80 FXWG

dual disc and FLH, single disc.

Electronic Speedometer Sensor



Programmable Transmission Speedometer Sensor is a fully adjustable sensor assembly for all 5 and 6 Speed transmissions with electronic drive speedometer. It allows fast and accurate adjustments for any tire size, pulley size on gear ratio change. VT No. 36-0150



Speedometer Calibrator Corrects readings of stock electronic speedometers when using oversized rear tires or when other drive train modifications have been done that effect final drive ratio. Use on all Big Twins.

VT No. Brand 36-0250 S&S 36-0422 V-Twin



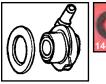
Electronic Speedometer Sensor Unit. VT No. Fits 17-0561 1996-99 FXST 17-0582 2004-2006 FLT, 2000-2006 FXST-FLST 17-0585 1995-2005 FXD 17-0595 1995-2003 FLT 39-0581 Harness

Speedometer Sending Unit Wrench features a shortened 3/16" ball end hex bit for removal or installation of hex screws used on all Big Twin models equipped with electronic sending units.



41mm Push On Fork Tube Clamps to secure speedometer cables and brake lines.

VT No. Style 31-0315 Smooth 31-0316 Groove



Speedometer Drive Seal. VT No. OEM Model

14-0944 67098-87 1987-94 FXR 14-0947 67118-87 1987-95 FXST



Speedometer Drive Spacer replaces drive units. Fits 1984-95 FXST. VT No. 44-2008



Speedometer Drive Unit fits front wheel only with .750 axle hole. Use for right and left side as noted.

	0		Spacer	Overall	
VT No.	OEM	Side	Length	Length	Fits
36-0802	67127-84A	Left	.361"	.940"	1984-94 FX-FXR
36-0803	67120-84B	Left	.574"	1.410"	1984-95 FXST
					1984-86 FXWG
36-2539	Chrome	Left	.574"	1.410"	As Above
36-0804	67073-81	Right	Flat	.532"	1981-84 FLH
					1984-86 FLT
36-2450	67073-87A	Left	.421"	1.245"	1987-95 FLT
36-2453	67101-96	Left	.442"	1.248"	1996-99 FLT
36-2451	67132-85A	Left	.321"	.938"	1987-95 FXLR
36-2452	67125-86A	Left	.608"	1.426"	1986-95 FLST
36-2553	67166-88	Left	.461"	1.277"	1988-95 FXSTS
36-0807	Chrome	Left	.461"	1.277"	1988-95 FXSTS



Chrome Speedometer Drive Cover fits over the existing drive units.

VT No.	Year	Model	Fork
42-0432	1984-95	FXST-FLST-FXWG,	41
	1987-95	FLT-FLHS	
42-5044	—	As Above	41
42-0434	1987-94	FX-FXR	39

BIG TWIN



Snap Cap





These bolt cover kits will make any bike look great and are also for custom builders use. Easy to install these kits have beautifully designed pieces to cover the raw OE bolt heads on engine, transmission, primary and more, each kit includes detailed instruction for installation on each model as listed, all covers in each kit are individually packed and numbered for identification.

> 156 76 86

175

81

87 125

105

116

79

Chrome Bolt Cap Cover Kit it Quantity

VT NO.	Year	Kit
Dynaglic	le	
37-9541	1999-up	
37-9528	2006-up	
37-9529		
Softail		
37-9543	1999-up	
	2007-up	
37-9531	2000-06	
37-9536	2009-up	
FXCW	•	
37-9537	2009-up	
FLSTSB		
37-9538	2009-up	
Engine		
37-9535	TC-88	
5. 5000	.0.00	

	Water Hing
	000
•	Snap On

- Tight Fit
- Easy Installation

Chrome Dome Cap





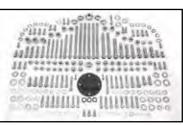
300 Pc Assortment (37-1505)!



Snap Caps[™] snap on knurled allen screws for ease of installation. Packs of 25 or 100.

100 pack	25 pack	Fits
37-1502	37-1526	1⁄4"
37-1503	37-1527	5⁄16"
37-1504	37-1528	3⁄8"
300 Pieces	5	
37-1505	—	Assortment

Allen Screw Kit



Gardner-Wescott Fasteners are the perfect combination of allen screws and acorn nuts. Contains timing plug, oil pump, left and right side covers, clutch and chain cover, top front and rear engine mount with stabilizing link fasteners and regulator bracket mount on FXR-FLT lifter base, point cover, header mount, casing and inner primary to casing, rocker box, cylinder base, motor case. Transmission cover and washers supplied where needed. Where there is a bolt you get an allen screw. Where there is a nut you get an acorn. All heads polished chrome, smooth without knurls,

Builders Chrome Fastener Sets

VT No.	Fits
37-8100	2000-06 TC-88B FXST-FLST
37-8099	1999-05 TC-88 FXD
37-8097	1996-99 Evolution FXST-FLST
37-8096	1996-99 Evolution FXST-FLST
37-8096	1996-98 Evolution FXD
37-8090	1991-95 Evolution FXR
37-8091	Late1991-95 Evolution FXDG
37-0086	1987-90 Evolution FXR
37-0084	1984 Evolution All 5 Speed, except FXST
37-0083	1985-86 Evolution 4 Speed and 1984-85 FXST



Cam and Primary Cover Chrome Screw Sets include transmission, chain, clutch or derby provided where applicable. By Gardner-Wescott. VT No. Fits 37-85001991-05 Dynaglide 37-8501 1987-06 FXST-FLST Softail 37-85021987-06 FXR 5-Speed 37-85031985-86 FXR 5-Speed



how Bike Kits.					
lodel	VT No.	Year			
RSC	1021-P	2002-up			
oftail	1018-P	2000-06			
	1004-P	1992-99			
	1005-P	1989-91			
	1006-P	1987-88			
ynaglide (FXD)	1000-P	1999-05			
	1003-P	1991-92			
volution	1007-P	1984-86			

Evolution 4-Speed

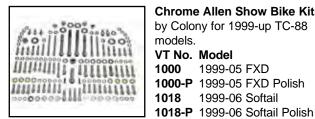
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Big Twin Polished Chrome Engine Sets include all side covers, lifter base, timing plug, inner primary mount, top, front, and rear motor mounts with stabilizing link fasteners on FXR and FLT models. Sets also include rocker box covers, header mount and points cover or generator mount where applicable with washers and nuts where needed.

Big Twin VT No. Fits

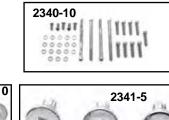
37-8101	2000-06 TC-88B FXST-FLST
37-8102	1999-05 TC-88 FXD
37-8088	1991-99 Evolution FXR
37-8089	L1991-99 Evolution FXDG
37-8087	1987-95 Evolution FXST-FLST Softail
37-9300	1987-90 Evolution Big Twin FXR
37-8085	1986 Evolution FXST-FLST
37-8084	1984-86 Evolution 5 Speed, except FXST



Chrome Allen Show Bike Kits by Colony for 1999-up TC-88 models. VT No. Model

1999-05 FXD

1999-06 Softail



溃





2345-6 Shift Cover **Pulley Bolts** 2340-10 Front Rotor 2341-5 Dash Panel 2346-3 2342-18 Primary Cover 2342-18T Primary Cover

VT No.

2344-10



Show Bike Cap Kits in chrome finish. VT No. Fits 8520 1987-88 Evolution Softail

8521 1989-91 Evolution Softail 8517 1984-86 Evolution 4 Speed 8518 1985-86 Evolution 5 Speed







Show Bike Kits are original chrome detailing by Colony for models listed. Includes acorn or cap nuts for engine and transmission area. Acorn



Cap

Chrome Gold Model Year 7929 1987-91 FXR FXR 7930 1992-95 7931 1996-98 FXR 7917-G **Evolution 4-Speed Big Twin** 7917 1984-86 **Evolution 5-Speed Big Twin** 7918 7918-G 1985-86 7920 1987-88 **Evolution Softail 5-Speed** 7921 7921-G 1989-91 Evolution Softail and Dynaglide Evolution Softail and Dynaglide 7923 1992-95 Evolution and Dynaglide 7924 1996-98 Twin Cam 88 Dynaglide 7925 1999-05 7928 2000-06 Twin Cam 88 FXST-FLST



Bobbed Tank for Dynaglide



Bobbed Gas Tank Kit for Dynaglide and FXR models. Features one piece 4 gallon design, which includes chrome bung style late caps, and all necessary mount hardware for installation. Kit also includes a complete 3 light dash kit which includes a plain dash base without wiring, Bob style speedometer, a 43" speedometer cable for front wheel drive application and a late Bob type 6 post chrome key switch. Units for 1995-up do not include speedometer or cable, but include bracket to mount stock electronic speedometer.

VT No.	Years	Ratio	Model
38-0189	1990-94	2240:1	FXD
38-0190	1995-05		FXD
38-0126	1982-94	2:1	FXR
414			

Bobbed Tank for 2000-up Softail Note: 2004-up Softail models use electronic fuel injected tank.



38-0370

Fuel **Injection**



2000-up One **Piece Bobbed Gas** Tank for Softails. 5.1 gallon capacity tanks use stock mount hardware. Stretch tanks have 2" stretch welded seam on extensions. See notes:













VT No.	Туре	Model
38-0370*	Stock	Carburetor
38-0371*	Stretch	Carburetor
38-0372*	Stock	EFI
38-0373*	Stretch	EFI
38-0798**	Stock	EFI
38-0261**	Stretch	EFI



Year 2000-06 2000-06 2000-07 2000-07 2008-10 2008-10

*Note: Utilizes right and left bung caps, does not have provision for installing OE fuel gauge.

**Note: Has provision to fit OE fuel gauge in left hand bung hole.



38-0379





Bobbed Stretch Tanks fit Softail models will accept left side fuel gauge. VT No. Type Year 38-0379 Carburetor models 38-0380 EFI models Carburetor models

2000-03 2000-06 2004-06









2000-06 Softail 2" Stretch Tanks are 4.2 gallon tanks. VT No. Model Bung 38-0387 Carburetor Sinale 38-0388 EFI Right and Left Bung 38-0389 EFI Right Bung, Left Gauge Note: 2004-up carburetor models use electronic fuel injected tanks.



2000-up Tank Mount Kit includes all hardware bushings and front bolt with chrome cap nuts. VT No. 37-9367



Block Off Plate fits 38-0261. VT No. 38-0878



Type Bobbed for carburetor models features right side

cap and left side

fuel gauge. Accepts fuel gauge

38-0332. VT No. 38-0376



Bobbed Tank for Softail's 1984-99



Bobbed Gallon Flat Side Mount Tanks fit 1984-99 FXST-FLST or other flat side mount systems. Updated shape has taper from front to rear. Available to accept stock bung caps.

VT No. Gallon 38-0152 5 38-0129 6





Bobbed Gas Tank Set fits 1984-99 FXST-FLST models, fea-

tures screv	v bung.	
VT No.	Size	ltem
38-0120	3.5	Tank Set
38-0566	3.5	Tank Set
38-0121	5.0	Tank Set
38-0122	6.0	Tank Set
38-0321	Pair	Chrome C

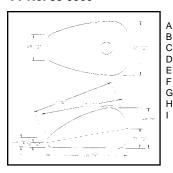
Note: 38-0122 tanks require leather pressed steel or the shape than stock.

ne Capst

flexible tank dividers as the tanks have slightly different



Fat Bob 3.5 Flatside Bobbed Tank Set features handshift gate provisions to fit early style gates for 1936-46. These flat side tanks feature screw type bungs. Order caps separately. Petcock fitting should be masked or plugged during painting for easy installation. The side tank features side shift tank mounts. For use with catege 1936-1946 type shifter gates or the conversion gate for 5 and 6 speed models, smooth type. VT No. 38-0566



Length Top Length Bottom Width Rear Width Front Height Rear Height Front Height Tunnel, Front Height Tunnel, Rear **Tunnel Length**



Air Craft Cap Style Bobbed Gas Tank Sets fit 1984-99 FXST-FLST or other flat side tank mount systems. Updated shape is tapered from front to rear. Filler neck available as "Bolt In" with insert held in place by 6 chrome allen screws or "Weld In" where insert is welded in place. Order appropriate caps separately.

VT No.	VT No.	
(B) Bolt In	(A) Aircraft	
38-0144	38-0157	
_	38-0146	
38-0348	38-0337	

Gallon 5 7 Cap Set

Stretched

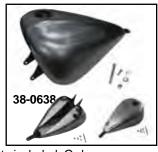




38-0280 features smooth one piece side panels in 5.2 gallon capacity

Stretch Bobbed Tank Set includes flat side style tank. The "stretched" rear section of the tanks does not hold gas. Fits 1984-99 Softail models. VT No. 38-0280 features seamless stretched portion. 5.2 gallons.





Bobber Tanks for Softails brackets included. Order cap separately.

VT No. Year 38-0637 1984-99 38-0638 2000-05

For Measurements of Our Gas Tanks see our website www.vtwinmfg.com

Important Gas Tank Information: All tanks are shipped unpainted unless otherwise noted. Caps and petcocks are not included. Carefully check the new tank for flaws and fit before painting. Do not grind or sand the seams or joints. Clean the inside of the tank and it is suggested to pressure test and use a tank sealer. Check petcock openings, making sure the petcock can be easily installed. Use proper hardware to mount tank, including the bushings, brackets and spacers required for assembly. Tedd Cycle, Inc. is not liable for paint work or labor claims of any kind. Tedd Cycle, Inc. is not the manufacturer of the gas tanks.





Indented Side Panel Styles











Bobbed Gas Tank for 1990-05 Dynaglide and 1982-94 FXR are a one piece, 4 gallon unpainted tank with dash cut out which includes a chrome dash panel. It bolts on with no additional hardware. Tank with dash cut out requires purchase of complete dash kit.1996-05 FXD models require purchase of VT No. 39-0124 Speedometer Adapter to reuse existing speedometer in a bobbed dash. Tank will accept stock dash from 1991-96 FXDWG. Smooth tank fits 1991-05 all FXD-FXDWG.

FADVUG. 3	SHOULT LATIK IIL	5 1991-05 all FA	D-FADVVG.
VT No.	Dash Cut	Model	Years
38-0123	With	FXD	1990-05
38-0259	Without	FXD	1990-05
38-0116	With	FXR	1982-94
38-0081	Without	FXR	1982-94
		Fuel Tank Ch	rome Allen Screws.
		VT No. Year	Model
		37-9294 1988	3-94 FXRS
	* *		

Tank Assemblies sold with "Plain Dash Base" are not designed to be wired for instrument lighting. Dash bases VT No. 39-0959 for 3-light and VT No. 39-0960 for cast dash are available separately for builder requiring dash lighting.





Smooth One-Piece Tanks fit 1984-99 Softail models are 4.2 gallon, stretched and includes hardware for mounting. Order stock bung caps separately. Some seats may not match up. VT No. 38-0155 is a 2" stretch 1 piece tank with a 2" extension welded on. 38-0273 does not have seat cut out.

VT No.	Сар	Stretch	Sides
38-0193	Dual	2"	Smooth
38-0273	Single	2"	Smooth
38-0194	Single	3"	Smooth, Aircraft





Bobbed Tank Kits for FXD and FXR models are 4 gallon available with chrome cast dash assemblies which include a Bob type 6 post key switch and a plain dash base. Pre 1995 units include a Bob speedometer. 38-0178 kits include an adapter ring to allow reuse of the existing electronic speedometer. Chrome caps included

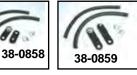
VT No.	Years	Ratio	Model
38-0180	1990-94	2240:1	FXD
38-0178	1995-05		FXD
38-0181	1982-94	2:1	FXR



Tank Mount Kit







Tank Lifter Kits will raise the front of the stock gas tank.

 VT No.
 Year
 Model

 38-0855
 1997-05
 FXDWG

 38-0856
 1997-05
 FXDWG

 38-0858
 2000-10
 FXST

 38-0859
 2000-10
 FXST

Lift 2" 3" 2" 3"



Gas Tank Mounting Kit includes chrome custom acorn nuts, washers and studs to mount gas tank on 1991up Dynaglides. VT No. 2076-10



Gas Tank Mounting Kit includes chrome custom acorn nuts, washers and stud. VT No. Fits 2077-5 2000-up Softail 2128-5 1984-89 Softail 2528-10 1990-95 Softail

Chrome Tank Mount Kit includes all hardware and front bolt with chrome cap nuts. Fits 2000-up Softail. VT No. 37-9367



Fuel Tank Chrome Allen Mounting Hardware Kits. VT No. Fits 37-9250 1984-89 Softail Models 37-9294 1988-up FXRS Models 1990-99 Softail Models 37-9252 1990-99 Softail Models 2072-4 1991-up Dynaglide Models 37-9253 1991-up Dynaglide Models 2076-10 2000-up Softail Models 2077-5 **Custom Tank Mount Bolt Sets.** 37-9330 2000-up Softail Lower



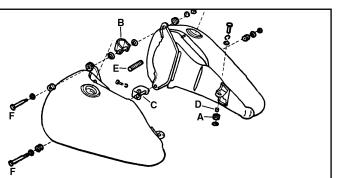
2000-up Softail Tank Mount Adapter Kit allows 1984-99 two piece Bobs to be mounted to 2000-up models and utilize original dash panel. VT No. 51-0519



Weld-On Rear Tank Dowels are tapped for 5/16 - 24 thread. VT No. 51-0858



FXST Allen Tank Mount Kit includes two brackets, chrome allens and chrome washers for 1984-99 FXST-FLST. VT No. 38-7021



Item

VT No.	#	OEM
28-2006	А	11447
31-0236	В	61660-85
31-0234	В	61660-84
31-0235	С	61667-84
31-0455	С	61667-90A
37-9094	D	5775
40-0364	Е	63505-84
38-0222	F	Kit
38-0229	F	Kit
37-1427		7965

Rubber Grommet Upper Bracket with threads Upper Bracket without threads Lower Bracket 1991-99 with threads Spacer Hose, 10 ft. Chrome Bolt Kit 1984-90 Chrome Bolt Kit 1991-99 "T" Nut **EXST Lower Gas Tank Mour**



FXST Lower Gas Tank Mount Kit for 1984-99 style flat side tanks includes chrome acorn nuts, thread stud and two beveled washers.

 VT No.
 Style

 37-9012
 Acorn

 2072-4
 Flat Allen

 28-2006
 Rubber Grommet



Gas Tank Mounting Kit includes chrome countersunk washers and flat head allen bolts. Mounts lower front gas tank. Fits 1991-99 Softail. VT No. 2072-4

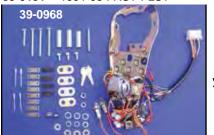
Rubber Grommets and Spacers Kit includes rubber grommets and spacers, used on all 1984-1999 Softail. Pack of 10. VT No. 38-0238

Wire Harness/Dash Base Assembly



Wiring Harness /Dash Base Assemblies include complete harness pre-wired to 5-light dash base, 6 post key switch, terminal box, horn button, dimmer switch, headlamp connection, speedo lamp socket and front terminal board when required. VT No. 39-0193 uses 39-0399 flasher (included). 39-0191 requires use of 32-7508 turn signal canceler available separately. The 1987-95 assemblies require purchase of handlebar switch wiring.

VT No.	Year/Model
39-0193	1987-88 FXST-FLST
39-0194	1989-90 FXST-FLST
39-0191	1991-95 FXST-FLST



Relax...We've done your homework on this one!

FXST Builders Harness/Dash Base Assembly. Builders Harness includes all correct color coded high tension wires, handlebar wires and tail lamp wires for years listed. Dash base assembly includes wired base, 6 post switch, circuit breakers and flashers. Allows use of either the turn signal canceler VT No. 32-7508 (not included) or flasher VT No. 33-0399.

39-0968 Dash Base Assembly	1987-95
32-0675 Builder Harness	1987-88
32-0456 Builder Harness	1989-90
32-0726 Builder Harness	1991-95





Dash Mounting Plates available plain, less wiring and sockets, or complete with sockets and hardware.

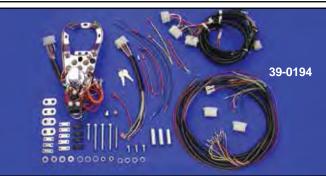
VT No.	#	Туре	Dash	Year
39-0138	А	Plain only	2 and 3	1948-up
39-0944	В	Base only	Cast	1973-up
39-0960	С	Assembled	Cast	1968-95
Dash Plate Ignition Switch Spacers are for spacing da				

ash base and switch in relation to tanks, packs of 10.

VT No.	Size	Туре
39-0420	.030"	Dash
39-0421	.060"	Dash
39-0422	.120"	Dash
39-0118	.040"	Switch



Note: Order the appropriate factory service manual to facilitate wire harness installation.







Assembled Dash Bases are wired with all sockets.

VT No.	ltem	Year
39-0960	Cast	1968-95
33-0133	Bulb	1965-up 12 Volt

33-0129

Light Sockets available with steel or				
plastic body. Bulbs are included.				
VT No. Item				
33-0129 1 wire, 3 pack, steel				
33-1983 2 wire, 3 pack, plastic				
33-2007 2 wire, 3 pack, steel				
Socket has ground wire				
33-0534 2 Wire, Insulated type, pair				



plastic body. Bulbs are included.			
VT No.	ltem		
33-0129	1 wire, 3 pack, steel		
33-1983	2 wire, 3 pack, plastic		
33-2007	2 wire, 3 pack, steel		
	Socket has ground wire		
	2 Wire, Insulated type, pair		
33-0531	Speedo socket 12V		
33-0537	1986-95		
33-0138	12v bulb, 10 pack		



VT No. Item 39-0209 Kit 39-0210 Spacer, Front 39-0214 Spacer, Rear

Dash Mount Hardware

includes bolts, spacers and hardware to install 1948-98 type dash mount bases on 1984-98 FXST-FLST models with flat side tanks.



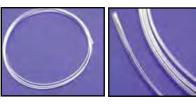
Tank Divider 39-0928 39-0926







Chrome Dash Panel Extension extends the look of the dash on 2000-up Softail models. Replacing 71283-01. VT No. 39-0429



Chrome Panel Edging slips on sheet metal dash panels and hub cap edges for decorative use. Sold in a 10 foot roll. VT No. 37-8943



FXST Tank Panel Mount Nuts and Screws. OEM Item 37-9128 61641-84 Bushings, 5 pack 37-8700 Screw Chrome Button, 10 pack 37-9129 Kit As above



Speedometer Adapter Ring fits 1995up FXD. It includes mount bracket and adapter ring to fit cast dash. VT No. 39-0192



VT No.

39-0926

39-0927

39-0928

28-0433

37-9129

Tank Panel Black Rubber Divider for 1984-99 FXST models. VT No. 28-0714

Chrome Die Cast Tank Trim Panels replace existing rubber

1984-99 FXST Gold Inlay Eagle Spirit

Screw Kit

divider on 1984-99 FXST-FLST with die cast dash.

1984-99 FXST Eagle Spirit

Rubber Pad fits B, C, D

Years/Model Type 1984-99 FXST Chrome



FXST

Chrome Long Rider Dash Panel is constructed of ABS plastic. Fits bobbed tanks on 1968-95 FLH-FXWG-FXST models. Rubber strip included. VT No. 39-0450





Long Rider Dash Complete Kit with speedometer and switch for 1948-95 Big Twins. - - -

VT No.	Ratio
39-0973	2:1
39-0974	2240:1



Chrome Dash Cover fits 1982-92 FXR, 1984-87 FXRS, FXRT, 1986 FXRD, 1987-92 FXR, FXRT, FXRS-SP and FXRS-CON. Replaces 61411-82. The two holes accept a fuel gauge and gas cap.

VT No.	ltem
39-0100	Chrome Cover
9014-3	Acorn Bolt Set
9016-3	Button Bolt Set
28-2238	Rubber Trim Strip

Chrome Dash Panel Screws for 2005-up FXDWG.



VT No. 2346-3









1996-up Softail Bobbed Dash Components.

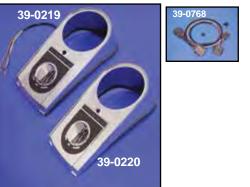
1990-up oonan bobbeu bash components.				
VT No.	OEM	Item		
39-0101	71254-96	1996-99 Dash Only		
39-0896	Kit	1996-99 Chrome Dash Panel with Switch		
39-0987	71250-00	Chrome Dash Panel, 2000-10		
Componer	nt Listing			
37-0555	7497	Acorn Lock Nut, 1996-up		
33-0134	53439-79	Bulb Back Light, 1996-up		
39-0453		MPH Speedometer, 1996-03		
39-0449	67033-99	MPH Speedometer, 1999-03		
28-0139	67190-89	Speedometer Seal, 1989-up		
39-0179	67880-94	Reset Switch Boot, 1994-up		
33-0137	68024-94	Indicator Lamp Bulbs, 1994-98		
39-0180	71302-93	Switch Name Plate, 1994-up		
32-0439	71313-96	Ignition Switch, 1996-up		
32-0931	72191-94	Terminal, Socket		
32-0936	73191-96	Socket Contact		



Dash Board Rubber Strip closes the gap between dash and tanks.

Fits	Туре	Model
1968-94	Dash	Big Twin
1988-92	FXRS	FXR
1977-84	FXS Type	FX
	1968-94 1988-92	1968-94 Dash 1988-92 FXRS

<u>Das</u>h



Speedometer Reset Knob fits 1998-up models. Replaces 67854-98.

VT No.	ltem	Model
39-0767	Harness	1995-98 FXST, FLST
		1996-97 FXDWG
39-0768	Harness	1995-98 FL
39-0787	Harness	1998-99 FXDWG
39-0549	Reset Knob	All
39-0179	Reset Knob Boot	All
39-0564	Reset Knob Kit	

Speedometer Sensor



Programmable Transmission Speedometer Sensor is a fully adjustable sensor assembly for all 5 and 6 Speed transmissions with electronic drive

speedometer. It allows fast and accurate adjustments for any tire size, pulley size on gear ratio change. $\rm VT~No.~36\text{-}0150$



Speedometer Calibrator Corrects readings of stock electronic speedometers when using oversized rear tires or when other drive train modifications have been done that effect final drive ratio. Use on all Big Twins. VT No. Brand 36-0250 S&S 36-0422 V-Twin



Electronic Speedometer Sensor Unit. VT No. Years Model 17-0561 1996-99 FXST 17-0582 2000-up FXST 17-0585 1995-up FXD

Speedometer Sending Unit Wrench features a shortened ³/₁₆" ball end hex bit for removal or installation of hex screws used on all Big Twin models equipped with electronic sending units.



Chrome Speedometer Sensor Block-Off

Plate Kit includes plate, gasket and mounting screw for 1996-up Softail. VT No. 17-0234



Cast Dash Kit





FLH-FXST Dash Kit features chrome cast dash with lens and hardware, 6-post switch, choke cable and knob, all mounting hardware and trim strips. Stock on 1968-84 FLH- FXWG, 1984-95 FXST-FXWG is 2240:60 ratio. Can be adapted to all 3¹/₂ and 5 gallon tanks. Dash base has wiring and sockets. Spacer kit VT No. 39-0209 is included to mount on 1984-99 Flat side tanks. Choose the proper cable for each application.

VT No.	Туре
39-0913	1:1 Ratio
39-0914	2:1 Ratio
39-0972	As Above without Speedometer
39-0967*	As Above without Speedometer
39-0962	2240:60 Ratio
39-0919	1:1 Ratio with Tach
39-0920	2:1 Ratio with Tach
*Note: Inclu	udes plain unwired dash base.



Dash Panel Decal fits 1979-93 FL-FLH-FXWG It has a black matte finish, adhesive back, pack of 5. VT No. 48-0423

Choke Cable Nut Kit includes nut and seal for dash mounted choke on FL-FXWG-FXST models. VT No. 37-8942

2240:60 Ratio

How to choose the right Speedometer: For Stock Application Fits all Softail and 4-Speed FXWG, 1984-90 and 4-Speed FL,

1981-84 models with front wheel speedometer drives with 16" and 21" front wheel applications, and 1996-2007 electronic speedometers. The 2240:60 may also be used in conjunction with 1991-95 speedometers with reed for self-canceling turn signals if specified.

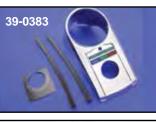


Chrome Dash Dress Up Kits include dash, panel, rubber strip and chrome allen screws. Fits 1988-92 FXRS.

VT No. 39-0923



Chrome Center Tank Panel for the split tanks of 1977-84 FXS-FXSB-FXEF-FXB. VT No. 39-0104







Dash Panels include lens & rubber strips except where noted. Model

VINO.	Finish
39-0383	Chrome
39-0352	Raw for painting

1968-90 Big Twin-FLH FXST-FXWG 1968-90 Big Twin-FLH FXST-FXWG Less hardware lens and strips 1968-90 Big Twin-FLH-FXST-FXWG 1991-95 Big Twin FXST

39-0413 Gold 39-0940 Chrome



VT No. Туре 37-9121 Acorn 37-9122 Skull 37-0573 Stud only



Chrome Dash Mount Stud Kits include stud, nuts. nvlon washer and either skull or acorn nut, Fits 1968-up cast dash panel on FXST-FL-FXWG when choke cable is not used.

1975-95 Dash Hardware

Kit includes parts pictured to fit the FLH-FXWG-FXST cast type dash. stock or 39-0383.



_ate Dash Parts fit late cast dash panel 1968-95 FLH-FXWG-FXST.

VT No.	Year/Item
39-0345	Support
39-0347	Retainer
39-0348	Lens clip

Dash Panel



Chrome Dash and Panel. Order bolt kit separately.

VT No. Item 39-0424 Dash 39-0412 Dash 39-0411 Panel 28-0554 Rubber Trim 28-0200 Rubber Trim Panel All

37-8706 Screw

Fits 1995-03 FXDL 1988-92 FXRS. 1991-94 FXDL 1988-92 FXRS Dash All





1/4 x 20 x 11/2 Dash Mount Screw







Dash Panels

	Daon i a			
,	VT No.	OEM	Туре	Finish
;	39-0111	71271-56	2	Chrome
į	39-0953	71271-56	2	Raw
;	39-0110	71272-62	3	Chrome
;	39-0144	Without key s	switch hole	Chrome
;	39-0893*	Smooth	3	Chrome
;	39-0892*	[•] Smooth		Chrome
;	*Note: Fi	ts XI naune	91 5 mm or	pening for 95-00 XI -FXD Spe

Speedo e: Fits XL gauge. 91.5 mm opening



Cateve Dash Kit is complete as illustrated. Packaged on 18" x 24" board for point of purchase display. Can be ordered with either plain 39-0129 base, or wired 39-0126 base with sockets and bulbs. Includes either 1:1 or 2:1 ratio speedometer and the correct five post key switch with two keys. Order plain base dash kit 39-0129 when it is not desired to rewire harness for lighting base included is 39-0129. Order cable separately. Can be mounted on 1984-91 FXST and requires 39-0209 spacer kit.

```
VT No.
          Type
```

39-0921	2:1 With Tachometer, includes wire ba	se

- 39-0922 1:1 With Tachometer, includes wire base
- 39-0112 Dash Panel
- 39-0129 Plain Dash Base



V-Twin Dash Kits are available with the popular tach-speedo combination included. Can be wired to 1978-up FX-FL models with a tach that is triggered by coil impulse. See instructions for tach wiring. Wired base includes light sockets and all hardware for installation.

VT No.	Туре	Ratio
39-0915	2 Light	2:1
39-0916	3 Light	2:1
39-0917	2 Light	1:1
39-0918	3 Light	1:1

Warranty- All Instruments sold as individual pieces or in kits are covered under our warranty "Replacement Only" Provision. Gauge related item part numbers begin with a 39 prefix. No credit will be issued for these items as they are exchange only

2 or 3 Lite **Dash Kit**





2 or 3 Light Dash Kit. Can be ordered with plain base VT No. 39-0138, or wired two light VT No. 39-0958, or three light base with sockets and bulbs 39-0959. Includes either 1:1 or 2:1 ratio speedometer and the correct 5 post key switch with 2 keys. Order plainbase dash kit when it is not desired to rewire harness for dash lighting. Choose proper cable for each application. Nothing else to buy! 3 light dash kit pictured. Can be mounted on 1984-95 FXST-FXWG models.

39-0964

VT No.	Туре
--------	------

39-0904 3 Light Plain Base 1:1

Dash

- 39-0951 3 Light Plain Base without Speedometer
- 39-0897 2 Light Wired Base without Speedometer
- 39-0905 2 Light Plain Base 1:1
- 39-0906 3 Light Plain Base 2:1
- 2 Light Plain Base 2:1 39-0907
- 39-0908 3 Light Wired Base 1:1
- 39-0909 2 Light Wired Base 1:1
- 39-0910 3 Light Wired Base 2:1
- 2 Light Wired Base 2:1 39-0911
- 39-0964 3 Light Wired Base 2240:60
- 39-0965 2 Light Wired Base 2240:60



Speedometer Adapter Ring adapts to late model speedometer into FLH style steel dash cover. FLH Dash is shown with 39-0130 adapter ring installed, adapter ring must be affixed with an industrial adhesive for a leak proof seal. VT No's 39-0124 and 39-0192 include chrome ring and bracket to mount electronic speedometer in FLH style dashes.

VT No. Fits

39-0130 FLH type, chrome

39-0124 1995-up XL and FXD includes mount bracket and adapter ring to fit 2 or 3 light dash.







Electronic Speedometers fits 1996-up Softail, FXWG models.

VT No. Year

39-0453 1996

39-0449* 1999-03

39-0581 2000-up Speedometer sensor harness used with the new speedometers that use an electronic speed sensor. 32-0587 1996-98 Harness

*Note: Can also be used to update 1996-98 models but requires separate purchase of wiring harness 32-0587



Speedometer Reset Knob fits 1998-up models.

VT No. Item

39-0549 Reset Knob 39-0564 Reset Knob

39-0768 Pre wired harness, plugs directly to 95-98 FLHR/I OEM harness when upgrading to a new electronic speedometer. VT No. 39-0449 or 39-0651 Speedometer sold separately. 39-0179 Reset Boot

FX-FXRS Gauge



Replacement Clear Lens replaces fogged, cracked or broken lens on stock gauges 1982-83 FXR models. Cut off old lens and seal new one in place. Sold each. VT No. 39-0391



Speedometers have full black plastic case and include brackets. Brackets, replacement plastic lens, and fork tube plugs for mounting brackets and 12 volt bulbs are sold separately.

Fits/Item
10-150 MPH
1982-83 FXR-FXRS
Speedometer bracket, chrome
Lens only, each
12V Bulb

39-0651 Installed







Electric Speedometer Assembly with digital odometer. VT No. Year Model

39-0651 1996-98 requires 32-0587 Softail Will not fit 1999 Softail 2000-03 1996-03 39-0610 As Above 39-0795 2004-07 39-0597 2004-06 39-0085 2004-up

Softail FXDWG Digital LED Softail Softail-FXDWG With stock



Speedometer Head with 2240:60 ratio for front wheel drive. Features readings of 10-120 MPH. Fits 1986-93 FXR. VT No. 39-0934* *Note: With auto turn signal switch



Tachometer Replacement Type, 0-8000 RPM. Order lamp separately. Fits 1983-87 FXRS, Electric, 1987-93 FXRS-SP, FXRS-CON, 1983-85 FXRT, Electric. VT No. 39-0935



Speedometer Gauge Bezel. Chrome plated two piece design bezel clamps around any large style FLH, FXST, FLST or FXDWG Fatbob type 5" speedometer. VT No. 42-1049



9-0380



FLH-FXST-FLST Speedometer with Tachometer is available in 1:1 or 2:1 ratio. It features built in electric tachometer which operates from coil impulse.

Speedometer

VT No.	Ratio	Year		
39-0387*	2:1	1981-90		
39-0380	2240-60	1991-95		
*Note: Use 5% speedo nut.				



Multi-Ratio Speedos are programmable for 1:1, 2:1 or 2240:1 ratio and feature a LED odometer readout or full digital readout. Will accept 12 or 16mm (%") cable ends.

VT No. Item 39-0731 Speedometer 39-0730 Tach/Speedometer 39-0609 Tach/Speedometer 39-0979 Speedometer





Speedometer-Iso-Support is a molded rubber support to increase speedo rigidity and reduce vibration for FL-FXST-FXWG-FLST. Use in conjunction with speedometer-iso mount pin kit VT No. 28-1952. Kit includes 28-1952 and 28-0419. VT No. Item

28-0419 Support 28-0155 Kit

Ì

00433

Speedometer and Tachometer Lamp Sockets fit FX-XL models or FL as noted.*Note: Cloth covered

*					
<u>II)</u>	wired. All	other number	ers are vinyl c	overed	
J	VT No.	OEM	Fits	Model	
	33-1959	67327-78	1979-85	FX-XL	
	33-1960	92045-76	1976-77	FX-XL	
1	33-0537	71158-86A	1986-95	FLST	
5	33-2171	67034-83	1983-86	FX-XL	
ر س	33-1933	67202-86	1986-90	FX-XL	
	33-1934	67107-83	1983-90	FX-XL	
	39-0135	71151-67B	1967-73	FX-XL	
	33-2008	Mini Gauge	48mm		
	33-2039	Mini Gauge	60mm		
	33-0531	71151-48	1948-85	FLH	
	33-0529*	—	1948-85	FLH	
	33-0537	71158-86B	1986-94	FL	



Speedometer fits FXST-FLST in Fat Bob dashes. Accepts 39-0403 reset knob. VT No. 39-0929 features signal cancel switch and one wire lamp socket.

VT No.	Ratio	Year
39-0396	1:1	1968-81
39-0385	2: 1	1981-90
39-0384*	2240:60	1981-90
39-0929	2240:60	1991-95
39-0377	2240:60	1991-95
39-0378	2240:60	1991-95
39-0374	2240:60	1991-95
39-0379	2240:60	1991-95
39-0376	2240:60	1991-95
39-0737	2240:60	1981-95
30-0030	2.1	1081-05

Le

1981-95 KM/H 39-0930 2:1 Note: 39-0384, 39-0929, 39-0930, use 36-2416 or cables with 12mm nut. 39-0396, 39-0385 use 36-0607 or cables with 5%" nut.



FLH Speedometer Isolation and Mount Kit mounts speedometers with 3/8" holes replaces 67066-76. Kit includes two pins, clips, bushings and molded outer ring.

28-1952 Kit 12-0594 Snap Ring Only Seal, 1989-up Softail 28-0139



Reset Knobs. Order for proper applications.

VT No.	OEM	Years/Type
39-0403	67215-89	1981-95 FXST
37-0519	67117-85	Screw for Above,10 pack
39-0406		1981-95 FXST
39-0338	Alloy	All Female
39-0945	67108-83	1987-94 FXLR



Speedometer Adapter Stud will allow the use of 39-0134 later knob in speedometer with alloy knob. VT No. 39-0173

Full Digital





Mini Gauge Kit







48mm Deco or 60mm Mini Speedometer Kits include gauge, chrome bracket, rubber handlebar clamp, and proper cable which can be installed without any adapters or modifications. 48mm 60mm

Deco Mini Ratio 39-0368 39-0315 2:1 39-0370 39-0371 2240:60 39-0598 39-0575 Electric

Model/Years 1973-95 FX, 1981-84 FL 1981-96 FXST-FLST 1995-up FXD 1996-up FXST



48mm Deco or 60mm Mini Tachometer Kits 48mm 60mm Deco Mini Ratio

Tachometer 39-0367 39-0392* 31-9997 Fits All 33-2008 Fits All 33-2047 Fits All

Model/Years

Electric 3-wire type Chrome Y mount Light socket with bulb 12 Volt bulb, 10 pack

Note: For use on 1978-up models with coil triggered tachometer. Green Negative wire goes to negative side of coil. Red wire goes to ignition side of key switch. Tachometer head must be grounded by black wire.

Gauge Billet Housing Kit



Chrome Billet Housing will accept 48 mm electronic tachometer or speedometer. VT No. 39-0116

39-0785



Chrome Handlebar Gauge/Clock. VT No. Description 39-0785 Clock with White Face 39-0786 Temperature Gauge 53-0871 Battery



Handlebar Clamps allow mounting of all types of necessary items with easy installation, fits 1.25" and 1" diameter handlebars. Available in black or chrome finish. Kits include mounting hardware and reducer for 1" bar applications.

31-0027

VT No. Finish 31-0026 Chrome 31-0027 Black



Chrome 60mm Tachometer Housing Kit includes bracket to mount to Softail and FXDWG fork stem bolt, 60 mm electric tachometer, or electric speedometer to fit 1995-up models. Housing which is available separately may be fitted with any 60mm electric speedometer or gauge.

VT No.	ltem
39-0202	Tachometer Kit
39-0204	Speedometer Kit
39-0203	Housing Only

Housing Only

Chrome Clamp includes molded rubber insert to attach mini gauges to handlebars for less vibration. VT No. 28-0325





39-0599 Installed with 31-2145





39-0685

- Digital Speedo/Tachometer has the following functions:
- · Bar Graph Tach
- High Beam
- Neutral
- Oil Pressure
- Turn Signals
- Digital Odometer
- Trip Meter
- MPH Only
- Unit measures
- 110mm (L) x 57mm (H) x 38mm (W).
- VT No. Item
- Gauge (B) Requires an installation bracket 39-0599
- 39-0685 Gauge (A) No bracket necessary for installation
- 31-0984 Bracket 31-2145







Mini Gauges include cable and mount clamp. Note: 39-0556 and 39-0437 includes left side speedometer drive. 39-0436,39-0550 and 39-0561 feature indicator lights.

- Blue-High Beam
- Green-Neutral
- Red-Oil
- Yellow-Turn Signals
- White Face

48 mm	60 mm	Ratio	Item	Year
39-0435*	39-0550	2:1	Speedometer	1973-94
39-0436	39-0561	2240:60	Speedometer	1981-94 Softail
39-0437**	39-0556**	2:1	Speedometer	1995-99
39-0438*	39-0576*	1978-up	Tachometer	Custom
39-0456	39-0456	Knob	Speedometer	
33-2043	_		Light Socket	
			P 7	

*Note: Does not have LED indicators.

39-0436, 39-0550, 39-0561 have turn signal lights, Pre-90 models tap into orange wire exiting turn signal flasher 1991-up models signal indicator light can not be used. **Note: Does not have LED indicators and includes 2:1 ratio left side speedo drive unit.

Digital Speedometer and Tachometer

39-0578











60mm 48mm White Black Face Face 3-LED 4-LED Ratio Item Year Speedometer 1973-94 39-0439 39-0578 2:1 39-0440 39-0579 2240:60 Speedometer 1981-94 Softail













Mini-Gauges



2" Mini Electronic Speedometer fits 1997-up FX. VT No. 39-0464







Multi-Colored Mini Gauges. The 60 mm gauge features a 2.4" polished stainless body and a white face with a total length of 2.7". Units include a chrome bezel with choice of red, orange, blue, yellow, white, green or purple by the push of a button,

works on a 12 volt system. Tachometer adapter required for use with single fire ignition. Speedometer accepts 12 mm drive cable. Order clamp separately.

VT No.	Gauge	Ratio
39-0417	Speedo	2:1
39-0433	Speedo	2240:60
39-0434	Tach	Electric



60mm Electric Tachometer and Speedometer fit models 1978-up for tachometer and 1995-up for speedometer applications.

VT No. Item Year 39-0575 Speedometer 39-0392 Tachometer

1995-up 1978-up



80mm Electronic Gauge features stainless housing and Y bracket.

VT No. Type	Year
39-0563 Tachometer	1978-up
39-0789 Speedometer	1995-up







60mm Mini Electronic Speedometer/Tachometer.

Speedometer features easy push button recalibration and re-settable trip meter, with LED lighting. The 8000 RPM tachometer has LED lamp. All units have a black face and include clamp. Order 12mm speedometer cable separately on mechanical device speedometer only.

Three functions are (1)accumulated mileage (this can not be reset), (2) Trip 1 (can check total mileage for 1 full gas tank, can be reset to zero), (3) Trip 2 (calculate

Type

mileage from A to B destination, can be reset to zero).

VT No.	Ratio
39-0858	2:1
39-0859	2240:60
39-0593	
39-0860	0-8000 RPM

ltem Mechanical Drive Mechanical Drive Electronic Drive Electronic

Speedometer Speedometer Speedometer Tachometer

Digital Speedo & Tach



Chrome Billet Speedometer and Tachometer Assembly clamps to 1" or 11/4" bars and includes speed, rpm and temperature functions. VT No. 39-0758

Specifications

Housing Size LCD Speedometer Odometer Trip Odometer **Engine Speed**

120 mm x 42 mm x 28.5 mm 4.72" x 1.69" x 1.12" Blue LCD with LED backlit 0-299 mph, 0-399km/h 0-99,999.9 miles/km 0-999.9 miles/km 0-20,000 rpm



60mm Electronic Speedometer fits electronic equipped sensor 1995-up models. Features blue-backlit LCD display. Bracket and cable included.

Speedometer 0-140 mph or 0-140km/h (selectable) Odometer 0-99999.9 miles/km Trip Odometer 0-99999.9 miles/km Clock (12 hours) VT No. 39-0540

39-0162

39-0394











Chrome Gauge Covers fit FXR models. VT No. OEM Year Type

	• =		
39-0162	Set	1984-90	Tachometer and Speedometer
39-0395	67092-85	1984-94	Tachometer
39-0394	67090-85	1984-90	Speedometer
39-0943	67091-91	1991-94	Speedometer
39-0955	92061-83	1983-up	FXR Rubber Cushion
39-0956	67104-83	1984-91	XL Rubber Cushion
		1987-up	<u>FXLR</u>





Chrome Billet Fork Tube Gauge Bracket permits quick and easy installation of mini 48 mm gauges to exposed 41 mm or 39 mm fork tubes. Gauges are sold separately.

VT No. Fork Size 31-0876 39mm

31-0877 41mm



Chrome Billet Gauge Holder fits 48mm or 60mm gauges for T-type bars 1" or 11/4" with 31/2" center.

48mm	60mm	Holes	Туре
39-0602		None	Single
39-0603		2	Single
39-0604	39-0613	None	Dual
39-0605	39-0614	2	Dual

Gauge Mount





Speedometer and Tachometer Brackets in chrome fit FXR models. VT No. 39-0397 includes visor.

mouolo.		noiuuou	, vioor.	
VT No.	OEM	Light	Years	Туре
39-0142	67053-83	3	1983-91	Single
39-0397	67053-86	4	1986-91	Single
39-0941	67083-92	Slot	1992-94	Single
39-0212	67293-95		1995-05	Single
39-0141	67110-83	3	1983-91	Dual
39-0400	67036-86	4	1983-91	Dual
39-0942	67167-92	Slot	1992-94	Dual
39-0213	67294-95A		1995-05	Dual



Indicator Lamps for 1986-up FX-FXR-FXD for A & E mounts.				
VT No.	OEM	Color	Туре	
33-2022	68489-86	Red	Oil P.	
33-2023	68574-86	Green	Neutral	
33-2024	68023-92	Blue	Hi-Beam	
33-2025	68695-91	Green	Turn Signal 1991-up	



Motor Plaques measure 18" x 24" and are made of metal. Motor Plaque Set includes 9 plaques. VT No. 48-1811



Oil Tank



6" Diameter Round Oil Tank fits FXST style rigid and stock Softail frames. Utilizes stock front and rear Softail mount. Top brackets must be fabricated for installation to use with custom frames. Order bracket set separately.

VT No.	Finish		
40-0468	Raw		
31-0221	Brackets		
37-8961	Drain Plug		





Domed Round Tank fits Softailmodels, center fill.VT No.ODFinish40-04795.5"Raw37-8961Drain Plug

40-0005

Chrome Oil Tanks fit 1986-99 Softail frames. VT No. Oil Fill Shape Finish 40-0005 Center Keg Chrome 31-1259 BracketSide





40-0476 Installed

Rocket Oil Tanks is 5" diameter to fit Rigid or Softail models.VT No.FinishLines40-0477ChromeLeft40-0476RawLeft40-0486ChromeRight40-0487RawRight37-8961Drain Plug

40-0187 Installed









Oval Oil Tanks will mount to stock or custom Softail frames right or left side belt drive applications. Tanks accept stock battery. Order bracket set separately.Fits special application for 200/300 left and right side drives

200/000	ion and right side
VT No.	Finish
40-0186	Chrome
40-0187	Raw
31-0221	Brackets
37-8961	Drain Plug















40-0189

40-0191 Installed

Oil Tank for 2000- up Softail



2000-up Chrome Oil Tank fits Softail models. Replaces 62498-00A. VT No. Item 40-0014 Tank 31-0771 Chrome Top Mount 31-0685 Mount Kit



Oil Line Fitting features push in release button for installation 2000-up. VT No. 40-0497

-	
0-0496	40-0498

Oil Drain Plug for 1990-up Softails to seal oil hose. VT No. OEM Year 40-0496 62725-90 1990-00 40-0498 60328-98A 2001-up



Hose Retainer fits 2000-up FXST. VT No. Year **40-0830** 2000-03 40-0831 2004-up

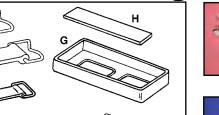


Billet Oil Drain Block allows remote mounting with drain plug. VT No. 40-0485

Round Oil Tanks fit 2000-up TC-88-Softail models with side fill. Tank is 6.5" diameter, 11.75" long and requires removal of coil bracket and relocation of coil. Order mount kit separately. Note: Will not fit rocker models.

VT No.	Finish		
40-0191	Chrome		
40-0189	Raw		
37-8961	Drain Plug		
31-0685	Mount Kit		
28-0219	Cap		

Mounting Hardware



S F

FXST Battery Hardware for 1984-99 Softail models. VT No. OEM Year # Item 28-2217 А 66105-77 Strap 1984-92 28-0138 В 66004-93 Clamp Pad 1993-99 66109-93 Front Strap 1993-99 28-0136 D 28-0137 Rear Strap 66111-93 1993-99 Е 28-0878 Strap 2001-up 37-8933 F 10067 Vent Clamp 50 pack 28-0423 G 66210-85B Tray Insert 1986-97 28-0218 G 66210-97 Tray Insert 1998-99 28-0539 Pad H 66309-84 Pair 66103-74



Oil Tank Mounts for use as center post mount 31-0859 when installing Softail style oil tanks. VT No. Item 51-0529 Tube Mount 31-0859 Tank Mount



40-0496

Oil Drain Plug for

1990-00 Softails

to seal oil hose.

90

Replaces 62725-

VT No. 40-0496

FXST-FLST Oil Tank Mount Kit includes two (2) chrome brackets, four (4) Iso mounts and bolts for 1984-99 mounting. VT No. 31-0221

> Chrome Oil Tank Mount Set features contour design. Fits stock and custom Softail frames 1986-99. VT No. ltem 31-0754 Set 31-0757 Rear Mount Only



Billet Oil Drain Block allows remote mounting with drain plug. VT No. 40-0485



Chrome Iso Mount Kit includes two (2) 1/4 - 20 UNC thread Iso mounts and two (2) chrome billet covers. VT No. 28-0565



Iso-Mount Chrome Cover for black 1/4" Iso studs. Pair. VT No. 37-0877



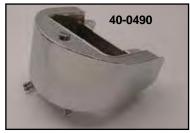
Oil Tank Mount Kit includes two weld on tabs and Iso bushing and sleeve set for top mount oil tanks. VT No. 51-0631





FXST Oil Tanks replace 62498-89A. Tanks are 4 spigot type for 1989-99 Softail, FXST-FLST. Features factory welded seams and 3 quart capacity.

Finish
Primer
Chrome
Drain Hose





Chrome Softail Oil Tank features center fill and side wings, four spigot type for 1989-99 Softail models, with three quart capacity with stock mounts. VT No. 40-0490



Chrome Oil Tank fits 1982-94 FXR models. Includes mounting hardware and hose. Replaces 62406-81.

VT No. 40-0094



Chrome FXST Oil Tank is three quart with bottom exit hose fittings, battery box dimensions of 7⁷/8 L x 4 W for 1989-99. Some years may require "T" fitting for oil drain. Order bracket kit separately.

VT No. 40-0396





Center Fill Tank fits 1989-99 Softail models and features threaded inserts on top for custom or stock mounting. VT No. Finish 40-0025 Chrome

40-0026 Black





FXST Battery Hardware for 2000-up Softail models.

VT No. OEM Item 28-0878 — Strap 28-0539 66309-84 Pad 66103-74 **Year** 2001-up Pair



Raw Oil Tank for Rigid frames. VT No. 40-0484



40-0895

Analog



cap for tanks which accept a push in plug. Plug does not have



Oil Polatod

WITWIN	OII Rela	ated			
	 Oil Line/Wire Guide holds (3) ³/8" lines. Tie wraps may be used in conjunction with hose guide for installation. VT No. Finish 40-0221 Chrome, each 40-0611 Alloy Set, 2 	City City		31-900	31-9000 0
Chrom in sizes eter oil VT No. 37-9263 37-9263 37-9264	Size 2 1" 3 1 ¹ / ₈ "	-	31-9001	Ø	31-9008
Oil Line Cla	amp fits 2000-up Softail models, replaces VT No. 40-0795				at clean way to separate and r rubber oil line.
	Hose Retainer fits 2000-up FXST. VT No. Year Qty 40-0830 2000-03 2 40-0831 2004-up 5	31-9001 31-9008 31-9007	FinishHPolished2Chrome2Chrome2Chrome3	2 2 2 2	M 31-9007
	Fitti	ing			
	40-0521 40-0519 %" hose, chrome plated	A	B C C		F G G G
in five pack. Thread is VT No. OEM	s % NPT. Type U/M	Chrome	Male Fitting	s for gas	s and oil measured in NPT
40-0566 63533-41	Straight, Replica 5		nd inner diam	neter of li	ine.
2070-1 63533-41	Straight, Replica Each	-	ht B-90°	Size	
40-0519 26496-75B		40-0525	40-0532		PT x ⁵ /16" Hose
40-0521 Barbed	Straight 5	40-0526 40-0566	40-0529 40-0519		PT x ¼" Hose PT x ¾" Hose
П в Oil Fitt	tings for Big Twin.	40-0508	40-0519		PT x ⁹⁸ Hose
	. # OEM Item	40-0527	40-0530		PT x 5/16" Hose
A 40-056	66 F 63533-41 Straight	Chrome	Male Female	e Fitting	IS.
	12 A 63533-65 Oiler Return	VT No.	#		/Size
	32 B 63541-70 Oiler T, Rear Chain	40-9990	С		%" x 1/8" NPT, Street Elbow
Hall I	79 G Chrome Crankcase 90° 19 G 16305-99 Elbow, 1999-up	12-1416	D E		'8" x 1/8" NPT
	52 F 26314-99 Straight 1999-up	12-1419 Male Plu	—	Straig	ght 1⁄8" x 1⁄8" NPT
	19 G 62375-57 Elbow	VT No.	.gs. #	Size	
G 40-055	53 G 63554-90 Elbow	23-0611	F		PT, Chrome
		23-0933	F		PT, Zinc
<u> </u>		40-0531	F		PT, Chrome
		37-8777	G	1⁄8" N	PT Hex Socket Plug, Plain
Wagnetic Ha	Drain	Plu	g		
37-0095	37-0005	VT No. 40-0498	OEM 60328-98A	Size	Use 2001-up BT Oil Drain Plug 2007-up Primary Drain Plug
	prevent metal particles from ne and transmission cases, oil tank, etc.	37-0005	60391-04		1999-06 FX-FXD 2004-06 FXD, FLT FLST Primary Drain Plug
VT No. OEM	Size Use		Diug fito oil ta	nak drain	
37-0096 707	1/2"- 13 74 Transmission	A-Drain H	Plug fits oil ta Finish	ank drain	i witti %8 -1δ.
37-0097 700	%"- 24 Big Twin Case Plug 74 and 80	8610-1	Chrome		A B

8610-1 Chrome 60348-65A 1/2"- 20 74 and 80 Inner Primary ⁵%"- 18 Cadmium 8611-1 Oil Tank and Time Hole 1⁄8"- 27 NPT 1987-89 Big Twin Primary 37-9067 Washer 6700B Transmission, FXST-FXR B-Chrome Plug with gasket fits all 1⁄8"- 27 NPT 1990-03 Big Twin Primary 1981-up Big Twins with 1/2 - 20 UNC thread. 1⁄8"- 27 NPT 1990-up Big Twin Primary 8493-2 Plug with gasket with Hex 15-0685 Gasket only 1⁄4"- 18 NPT Chain Cover **%"- 18** FXR Drain

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37-0095

37-0098

37-8934

37-0099

37-9242

37-8961

720, 706A

734-739

739A

718

722



Compression Fitting and Hose Kit includes (6) reusable compression fittings with 1/6" NPT for oil pumps and tanks, and 10 feet of 3/6" stainless steel braided hose. Non-reinforced. VT No. 40-0459

Fuel-Oil Line in 25 feet shop rolls in black or clear for fuel use.

Black	Clear	Size
40-9999		1⁄8"
40-0117	40-1250	³ ⁄16"
40-0118	_	1⁄4"
40-0119	40-1252	⁵ ⁄16"
40-0254	_	5/16" (6 feet)
40-0120	_	3⁄8"
40-0253	_	3⁄8" (6 feet)
40-0126	_	1/2"



Stainless Hose Clamps are available in Worm Gear type.

VT No.	Size	Туре
35-0413	⁷ /32" - 5/8"	Fuel
35-8031	3⁄8"	Oil



Russell Endura Fittings feature compression end and tapered internal nut. For %" inner diameter braided oil hose.

VT No.	Angle
40-0537	Straight
40-0538	45°
40-0539	90°
40-0541	Adapter Fitting



Stainless Oil Line Kit includes 10 feet of braided hose with ³/₈" inner diameter and six chrome econo-seal hose ends. VT No. 40-0418



Chrome Econo-Seal Hose Ends act as a clamp and finished end when the stainless jacket rubber hose is cut. Micro clamp is hidden under chrome end.

Smooth	Hex	Fits	Qty
40-0222	40-0213	1/4"	6
40-0248	—	⁵ ⁄16"	6
40-0223	40-0214	3⁄8"	6
40-0224	40-0218	1⁄4"	2
40-0249	—	⁵ ⁄16"	2
40-0225	40-0219	3⁄8"	2
—	40-0220	¹³ / ₁₆ " Inner Diameter	1
	40-0591	15 mm	2
—	40-0592	17 mm	2
	Cid	tina	







Chrome Oil Line Fitting Set allows use of %" braided steel lines. The built in compression fitting alleviates the need for clamps. Reusable three piece set.

VT No.	Thread	Fits
40-0575	1⁄2" NPT	TC-88
40-0583	1⁄8" NPT	Early
40-0584	1⁄4" NPT	TC-88



Oil and Fuel Line

Braided Stainless Hose in bulk lengths to be cut to length as needed. Use econoseal ends or hose clamps to attach to fitting. **Warning:** Not for use in brake systems.

VT No.	Size	Length (Ft) Type	Brand
40-0202	1⁄4"1⁄4	10 Non-reinforced	VT
40-0200	⁵ ⁄16"	5 Non-reinforced	VT
40-0245	5⁄16"	25 Non-reinforced	VT
40-0276	5⁄16"	25 Reinforced	Sifton
40-0210	3⁄8"	10 Non reinforced	VT
40-0876	3⁄8"	10 Non-reinforced	VT
40-0244	³ ⁄8"	25 Reinforced	VT
40-5011			

Russell Universal Pro System Oil Lines feature a unique compression fit sealing system which ensures a positive seal on %" barbed type oil pump or oil tank fittings. Constructed with stainless braided hose and crimped on chrome ends. Sold each.

000	a caon.		
VT No.	Length	40-5018	16"
40-5010	8"	40-5019	17"
40-5011	9"	40-5020	18"
40-5015	13"	40-5021	20"
40-5016	14"	40-5022	22"
40-5017	15"	40-5024	26"



Oil Pump/Tank Fitting. VT No. 40-0566





Radii Polished Stainless Steel Hose Lock is a compression fitting that replaces conventional hose clamps. It features a cleaner appearance and superior sealing performance.

Pair	Each	Size
35-0180	35-0175	1⁄4"
35-0181	—	⁵ ⁄16"
35-0183*	—	⁵ ⁄16"
35-0182	_	3⁄8"

*Note: Fits S&S Super "E" carburetor fitting







40-0177

40-0095

Installed





40-0792



Contour Oil Filter Bracket is ½" thick with external fittings for 1992-99 Evolution engines. Includes filter. VT No. 40-0653





Big Twin Chrome Oil Canister and Mount Brackets. Oil lines must be fabricated and routed for installation. Fits 1984-99 FXST, FLST.

VT No. Item 31-4000 Bracket 40-0095 Filter Unit

40-0177

5.5" Chrome OE Spin-On Oil Filter features a cured black resin impregnated paper that will remove foreign particles from oil. Replaces 63813-90, fits 1991-98 FXD. **VT No. 40-0751**



40-0751

Perf-form Spin-On Oil Filter Element for custom application. VT No. 40-0431



Sifton Oil Filter Kit includes canister housing, mount plate, seals, with wrench and cleanable element. VT No. Item 40-5001 Kit 40-5000 Insert



VT No.

40-0178

40-9958

40-9901

40-9831

40-9832

40-9942

40-9959

37-0825

40-9957

40-0709

9821-4

9822-4



Nut

Chrome Oil Filter Housing fits 1992-99 Big Twin models,

Item

Chrome Housing with lines

Housing Only Smooth Style

Chrome Housing Only

Tube, Return

Above Tubes

Tube Clamp

Tube Connector

1992-up FXDG

1982-up FXST

Mount Kit, allen

Mount Kit, acorn

Tube, Feed

when the filter bolts to right front side of engine.

OEM

26415-98

33519-92A

33520-92

63523-92

Chrome Filter

Chrome Filter

10112

Kit

Set

VT No. Item 40-9901 Housing 40-0093 Housing with hose 40-0792 Fittings





FXST Chrome Oil FilterHousing Kit fits with framemount unit.VT No.Fits42-07311989-91

1992-99



Oil Filter Adapter fits 1995-up. VT No. 40-0942

42-0745



Chrome Billet Oil Filter Bracket fits 1992-99 Evolution models. VT No. 40-0594



Billet Oil Filter Mount fits 1992-99 Softail. VT No. 40-0607









Billet Oil Drain Block allows remote mounting. Includes drain plug.VT No. 40-0485

Alloy Generator Oil-Filter Adapter bolts in place of two brush generator or alternator Big Twin case conversions. Use 40-0709 filter.

VT No. Item/Finish 40-0315 Adapter, Alloy 40-0316 Adapter, Chrome 40-0709 Chrome Filter





Radii Contour Oil Filter Bracket features a long design covers oil lines and connections. It fits 1992-99 Evolution models and S&S cases and engines with similar mount holes. Filter included. VT No. 40-9911





Universal Oil Cooler-Filter Kit includes chrome spin on filter, finned aluminum mount flange, with hose and clamps.

 VT No.
 Item

 40-0098
 Filter Kit

 40-0952
 Filter Kit

 40-0709
 Filter only

 31-2131
 1" Frame Clamps

Finish Alloy Chrome Chrome



Pura-Flo Universal Clamp on OilFilter Kit includes filter and hose.VT No.Item40-0850Kit40-0709Filter

Oil Line



Custom Stainless Steel Oil Line Kit fits TC-88 for custom applications. Includes three compression fittings and three seal ends. Hose must be cut for installation. VT No. 40-0467



Flex Chrome Hose Covering features heavy gauge mylar construction with chrome finish and 25 feet in length. VT No. Size 36-0552 1/4" 36-0553 3/8" 36-0554 1/2"



Sifton 1992-99 Braided Oil Line Kit fits Softail models and includes stainless lines, seals and hardware as shown. Replaces 63705-97. VT No. 40-0651

Oil Filter Kit



Stock

Oil Filter

Motorshop[™] Brand Filter Packs include 6 pc of individually wrapped and numbered chrome filters with 3" outside diameter and length as listed.

gth
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Spin-On Oil Filters

· Replaces stock units in chrome or black, Perfform or V-Twin Brand in stock or with hex nut.

• Perf-form Tall Chrome Filter is 3/4" longer than stock and will not fit fuel injected models. All filters listed are low restriction type.

Perf-form	Hex	VT No.	OEM	Finish
40-0378	40-0860	40-0708	63805-80T	Black
—	40-0872	40-0709	63796-77T	Chrome
40-0603	_	—	—	Chrome
40-0706	40-0863	40-9956	63812-90	Black
40-0707	40-0862	40-9957	63813-90	Chrome
40-0724	40-0855	40-0722	63798-99	Chrome
—	40-0854	40-0723	63731-99	Black
—	40-0867	40-0654	63793-01K	Black
—	40-0868	40-0655	63793-01K	Chrome

Length Fits h 3.75" 3.75" ne ne 4.1" 5.5" 5.5" ne ne 3.25" 3.25" 3.38" 3.38"

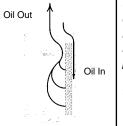
1980-98 FLT, 1982-94 FXR, 1984-98 FXST

As Above As Above 1991-98 Dynaglide 1991-98 Dynaglide 1999-up TC-88 1999-up TC-88 2002-up VRSC 2002-up VRSC









Oil flows in around the outer diameter, through the filter media and out passing by the magnet. The magnet captures particles less than 10 microns which could have escaped through the filter wall.

Magnetek™ Oil Filters feature a magnetic ring in center tower to trap particles less than 10 microns which could have escaped thru the filter wall. Available in stock style or with built in hex nut.

Hex VT No. OEM Fits 40-0864 40-0852 63796-77 1980-up 5-Speed Softail-FLT 40-0866 40-0853 63813-90 1991-up Dynaglide 40-0656 63793-01 2002-up VRSC 40-0856 40-0657 63798-99 1999-up TC-88



Chrome 5.5" Fram Oil Filters. Fits 1991-98 Dynaglide VT No. 40-0727

Length 3.75" 5.5" 3.38" 3.25"



K&N Spin-On Oil Filters are available in chrome or black finish. Feature hex nut end for easy removal and installation, improved pressure relief valve, anti-drain back valve and heavy duty base plate with improved rolled seal.

Chrome	Black	Fits	Length
40-1710	40-1711	1980-98 FLT	3.75"
		1982-94 FXR, 1984-98 FXST	
40-1730	—	1996-98 Dyna	5.5"
40-1732	40-1733	1999-up All TC-88	3.25"

Oil Filter Kit





FXST Style Oil Filter Kit features bolt on mounting behind shift plate. Fits Big Twin frames with 1970-up Shovel or Evolution engines. Can be used as an easy access auxiliary unit in addition to filter in tank. Bracket is replica of 1984-99 FXST type replacing 63802-84. Oil spigots are copper and brazed in a vacuum for lasting durability. Includes chrome filter and 6 feet of rubber hose with clamps.

 VT No.
 Item

 40-0100
 Complete Kit

 40-0709
 Chrome filter

 40-0708
 Black filter



Oil Change Service Kit includes chrome filter and 4 bottles of superior Spectro Heavy Duty Lubricant.

VT No. Fits

41-0050 1984-88 FXST, 1980-98 FLT, 1982-94 FXR, 1984-up XL **41-0051** 1991-98 Dynaglide

41-0052 1999-up All TC-88 Big Twins



Sifton Oil Pre-Filters are constructed of machined alloy with a #40 mesh screen installed to trap large debris and a circular magnetic collar to collect the ultra fine ferrous particles before they reach the engine. Unit can be installed in the following locations for 3/8" inner diameter oil line:

- Supply line before the engine on all models
- Primary scavenger return line on Early FLH and FX models
 Return line to oil tank on FL-EL-UL and models without a fac-
- tory filter
- External oil return on high performance heads.

- Any pressure supply or return (use the prelifter with the $1\!\!\!/ \!\!\!/ s"$ NPT body).

The $\frac{1}{2}$ unit recommended for Softail TC-88 models on the path between the cam bearing housing and oil pump.

VT No.	Туре	Hose
40-0388	1/8" NPT Body	3⁄8"
40-0387	Barbed end	3⁄8"



Oil Line Filter Kit includes filter and compression fittings for %" stainless steel hose. VT No. 40-0462





Oil Filter Nipple with raw finish for 40-1257 fits 40-0711 filter.

VT No. 40-1270





Oil Filter

Front Mount Filter Unit incorporates filter and regulator mount for 1975-99 Big Twins and 1986-99 FXST-FLST models. Includes filter, chrome billet base and hose fittings. VT No. Item 40-1257 Complete Kit 40-0711 Chrome Filter 40-1270 Center Thread Fitting 40-0798 Base with Hardware

40-0798 Base with Hardwa As Pictured 40-0679 Base Only



40-0096

Pura-Flow Chrome Oil Filter Kit for 1936-99 Big Twins. VT No. Fits 40-0096 Kit

40-0709 Replacement Filter



Oil Filter Kit features 1992-up style location, to fit 1970-84 Big Twins nose cone engines when using an outside frame front pipe. Mounts under front engine mount. VT No. Item 40-0091 Chrome Housing and Bracket Kit 40-0093 Chrome Housing

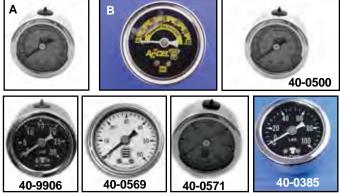


BIG TWIN

40-1257 er Unit incorr 1975-99 36-99 FXSTudes filter, and been



Oil Gauge



Liquid Filled 11/2" Oil Pressure Gauges feature a weather resistant sealed lens, stainless steel case, chrome rim and extra heavy mechanism. The liquid filled face eliminates needle bounce giving a constant reading. All gauges have 1/8" NPT male rear fitting.

VT No.	#	Pounds	Face	Brand
40-9906		0-30	Black	V-Twin
40-0500	А	0-60	White	AEE
40-0569		0-60	Silver	Sifton
40-0571		0-60	Blue	Sifton
40-0382	В	0-60	Black	Accel
40-0386		0-60	Black	V-Twin
40-9907	В	0-100	Black	Accel
40-0385		0-100	Black	V-Twin



Sifton Big Twin Oil Pressure Gauge Kit for 1984-99 Evolution models includes a 11/2" liquid filled 0-60 lbs gauge and chrome fitting. Kit is available with or without oil pressure switch sender provision.

VT No. Туре

40-0585 With oil pressure switch fitting hole 40-0586 Without oil pressure switch fitting hole



Adapter

Chrome Oil Gauge Cover is machined of alloy, with square hole in bottom. VT No. 40-0448



Adapter Kit includes fittings for both feed and return lines. Fits special application. VT No. 40-0540 Sifton Oil Filter Adapters. VT No. Fits 40-0709 Chrome Filter 15-1520 Rubber Seal Set 15-1521 Gasket (40-4600)



Chrome Oil Filter Adapter fits 1999-up FXD, FXST, FLT, FLST. VT No. 40-4602



40-0315 Installed Oil Filter Adapter installed in the generator position. VT No. 40-0315



Oil Filter Wrench with 3/8" drive fits all spin-on filters 3%" drive. Fits all models including TC-88. VT No. 16-0743



Oil Filter Wrench includes drain plug hex at opposite end. VT No. 16-0451



Filter Wrench. VT No. 16-1941



Swivel-Flex Oil Filter Wrenches feature gripper teeth and a durable treated band with a vinyl covered flex handle which swivels to clear frame and exhaust obstructions. Replaces 96221-80. VT No. 16-0903





Rocker Box Mounted Oil Gauge fits 1984-99 1340 Evolution Big Twin models. Kit includes a complete liquid filled gauge, chrome steel line and hardware for installation. The kit is also available with lower fitting allowing stock oil pressure sender unit to be retained in conjunction with oil pressure gauge.

VT No. Item

40-0791 Mini Kit

40-9977 Complete Kit

40-9985 Line and Bracket Kit

40-4004 Complete Kit with Sender Adapter



Chrome Oil Gauge Fitting allows use of oil gauge or combining of a gauge and stock light switch unit. VT No. Item

- 37-8963 Oil Gauge Fitting
- 37-8964 Gauge Switch Fitting Chrome

37-9008 Gauge Switch Fitting Polished



TC-88 Oil Pressure Gauge Kit features oil filled gauge, chrome mounting bracket and all necessary mounting hardware. Fits all 1999-05 Dynaglide and 2000-up Softail models. Replaces 75133-99.

VT No. 40-0558



Chrome Billet Handlebar Assemblies fit ⁷/₈" or 1" handlebars. VT No. Item

- 39-0785 Clock, 7/8" or 1"
- **39-0786** Outside Temperature Gauge, 1"
- **39-0788** Clock with glow in dark hands, ⁷/₈" or 1"
- 53-0871 Replacement Battery

Oil Gauge Kit 🍱





Sifton[™] Rocker Box Oil Pressure Gauge Kits feature a 0-60 lb liquid filled pressure gauge and a case fitting which allows retention of oil pressure switch for indicator lamp. Chrome bracket, screw to mount to head and stainless steel line included.

VT No. Fits

 40-9970
 1984-99 Evolution

 40-9971
 2000-08 TC-88

 40-9905
 Bracket



Mini Oil Gauge Kit for 1984-99 Evolution Big Twin. Includes a 1" mini gauge and chrome fitting.

VT No. Year Type 40-0879 1984-99 Evolution 40-0589 1/8" NPT Gauge Only

40-0573





Rocker Box Mounted Oil Gauge Kit fits 1984-99 1340 Evolution Big Twin models. Kit includes a complete liquid filled gauge, chrome steel line and hardware for installation. Kit is available with lower fitting allowing stock oil pressure sender unit to be retained in conjunction with oil pressure gauge. **VT No.** Fitting Type

40-0573 Without Oil Pressure Sender 40-0576 With Oil Pressure Sender 32-0429 Sender Only



40-1518	40-1516	1982-84 FXR	Vertical
		1991-up FXD, 1984	-13 FLT
		1984-up Softail	
—	40-1523	1955-83 Big Twin	Horizontal
40-1524	—	1982-94 FXR, 1984	-up FXST,
		1984-2013 FLT	
	Deluxe		
40-1525*	—	1955-83 Big Twin	Vertical
		1984-99 Softail	



Jagg Oil Coolers feature multipass oil flow configuration, specially designed turbulators in each oil passage way, highly concentrated mini-louvered air fins and are available in deluxe, black on chrome. Order adapters for TC-88 models separately.

Vertical Mount		
Deluxe Slim Line	Chrome	Fits
40-1510 40-1500		1982-94 FXR, 1984-up FXST
		1991-up FXD
		includes adapter

Horizontal Mount

Black	Chrome	Fits
	40-1520	1984-up FLT, 1982-94 FXR
40-2530		As Above Includes Adapter
40-1501		2000-up FXST without ABS
		Includes Adapter

40-0342 11/8"

40-0590 1"

s Adapter ithout ABS Includes Adapter



Chrome Billet V-Cooler will mount to front frame tubes as shown. Unit is 41/8" wide at the top. Each tube 10.5" long and 1¹/₈" in diameter. VT No. 40-0340

40-0342

Billet Clamp Sets will mount 11/8" diameter oil coolers to frames. VT No. Frame Size 40-0341 11/4"



Combo Oil Cooler includes a 0-60lb built in gauge. Chrome unit features two billet clamps to fit 1" through 1.25" frame tubes.

VT No. Item

40-0880 Combo Kit

40-0504 Adapter Fitting for Stainless Hose

Sifton Dual-Cool Kit



40-0343 40-0347 00 1 40-0348

Sifton Oil Cooler Kit includes billet dual tube vertical oil cooler with billet mount clamps. It measures 10" long and 41/s" wide at the top. Also included are stainless steel braided lines with four chrome seal ends. VT No. 40-0347 does not include or require an adapter.

VT No.	Model
40-0343	2000-up FXST
40-0344	2000-06 FXD
40-0347	1970-84 FX-FLH
40-0348	1986-99 FXST
40-0471	1998-up FLT
40-0211	Hose (pair)



Billet Twin Cooler Set features two independent 11/8" diameter cooler canisters with four billet clamps for mounting to 1" front frame tubes. VT No. 40-0349



Billet Twin-Cooler Set feature two independent 11/8" diameter cooler canisters.

VT No.	Length	Finish
40-0339	9"	Chrome
40-0805	7"	Black



Outer Primary Cover

43-0239





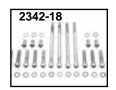












Die Cast Primary Covers are manufactured from a casting process. It is the nature of parts produced from this process to have small random subsurface imperfections that can be uncovered during the polishing process. These may appear as very small cosmetic imperfections after chrome plating. We also do not polish in areas that are not readily visible once assembled on the motorcycle or by polishing machines such as small depressions or tight corners. As these conditions are common in polished and chrome-plated castings, a reasonable standard of acceptability has been established to bring you the highest quality product at an affordable price. This part meets Perma Chrome™ cosmetic standard. The aforementioned cosmetic conditions are considered reasonable for this part and are not considered warrantable. **Chrome Big Twin Outer Primary Covers** are from new die cast tooling to replace stock parts. Kits include chrome primary cover, chrome allen screws, outer cover starter bearing and gaskets for derby, inspection and outer covers. All other covers are sold as cover only. Part number for screw kit given for reference only.

Ν

#	VT No.	OEM	Fits/Type	Chrome	Chrome Allen Screw
5 Spe	eed FXR-FI	_T		Screw Kit	Kit
F	43-0209	60665-85B	1985-88 FXR	8916-17	8916-17T
	43-0340	Kit	1985-88 FXR		
G	43-0232	60665-89	1989-93 FXR	8916-17	8916-17T
	43-0341	Kit	1989-93 FXR		
Η	43-0222	OE	1994 FXR, 1994-98 FLT	8916-17	8916-17T
	43-0560	60665-94	1994 FXR, 1994-98 FLT	8916-17	8916-17T
	43-0342	Kit	1994 FXR, 1994-98 FLT		
	43-0248	60665-99	1999-06 FLT, Replica	9959-38	9959-38T
	43-0276	60665-99	1999-06 FLT (V-Twin)	9959-38	9959-38T
	43-0241	OE	1999-06 FLT	9959-38	9959-38T
	43-0249	Kit	1999-06 FLT		
	43-0782	VT	2007-up FLT	2402-18	2402-18T
	43-0883	ET	2007-up FLT	2402-18	2402-18T
	43-0374	Black	2007-up FLT, Black		
5-Spe	eed FXST-I	FLST-FXD			0
J	43-0199	60543-86A	1986-88 FXST-FLST	8916-17	8916-17T
J	43-0343	Kit	1986-88 FXST-FLST		
Κ	43-0198	60543-89	1989-93 FXST-FLST-FXD	8919-19	8919-19T
	43-0344	Kit	1989-93 FXST-FLST-FXD		
	43-0224		1994 FXST-FLST-FXD	8919-19	8919-19T
Μ	43-0345	Kit	1994 FXST-FLST-FXD		
	43-0211	60543-95	1995-98 FXST-FLST-FXD V-Twin	8919-19	8919-19T
	43-0370	Black	1995-98 FXST, Black		
	43-0346	Kit	1995-98 FXST-FLST-FXD		
N	43-0239	OE	1999-06 FXST-FLST-FXD	8919-19	8919-19T
Ρ	43-0240	60543-99	1999-06 FXST-FLST-FXD V-Twin	8919-19	8919-19T
	43-0280	60543-99	1999-06 FXST-FLST-FXD	8919-19	8919-19T
	43-0347	Kit	1999-06 FXST-FLST, 99-05 FXD-		
			FXWG		
	43-0359	60764-06	2006-up FXD	2342-18	2342-18T
	43-0360	60782-06	2006-up FXDWG, 2007-up FXST	2342-18	2342-18T
	43-0882	ET	2006-up FXD, 2007-up FXST		
	43-0369	Black	2007-up FXST, Black		
	43-0373	Black	2007-up FXD, Black		

444





Μ



Outer Primary



Note: **Big Twin** Outer Primary Covers are from new die cast tooling to



replace stock parts. Kits include chrome primary cover, chrome allen screws, outer cover starter



bearing and gaskets for derby, inspection and outer covers. All other covers are sold as cover only.





Die Cast Primary Covers are manufactured from a casting process. It is the nature of parts produced from this process to have small random subsurface imperfections that can be uncovered during the polishing process. These may appear as very small cosmetic imperfections after chrome plating. We also do not polish in areas that are not readily visible once assembled on the motorcycle or by polishing machines such as small depressions or tight corners. As these conditions are common in polished and chrome-plated castings, a reasonable standard of acceptability has been established to bring you the highest quality product at an affordable price. This part meets Perma Chrome™ cosmetic standard. The aforementioned cosmetic conditions are considered reasonable for this part and are not considered war abl





Chrome Primary Cover Sets are for Softail models. Set includes die cast and chrome inner and outer primary cover.

VT No.	Fits	Hardware
43-0250	1990-93	15-0782
43-0251	1994-99	15-0779









	Year	Model
43-0347	1995-06	Softail
	1994-05	FXD-FXDWG
	2006-up	FXD
	2006-up	FXDWG
	2007-up	FXST
43-0249	1994-06	FLT
	2007-up	FLT
43-0341	1989-93	FLT-FXR
43-0340	1985-88	FLT-FXR
	Inspection	FLT
	Inspection	FXR
	VT No. Without Derby 43-0347 43-0249 43-0341 43-0340	Without Derby 43-0347 1995-06 1994-05 2006-up 2007-up 43-0249 1994-06 2007-up 43-0341 1989-93 43-0340 1985-88 Inspection

Outer Vented Primary Kit





Vented Primary Cover Kits include vented inspection and derby covers with screws for Softail models. VT No. Year 43-05621989-93 43-0563 1994-05 Dynaglide 1994-06 FXST

> **Chrome Vented** Primary Covers fit Softail and FXD models. All parts sold separately. VT No. Year 43-0110 1994-06 43-0113 1989-93 43-0126 Derby 43-0179 Oval



43-0252 Chrome Vented Outer Primary Covers are without bearing installed.

VT No. Year Model 43-0252 1989-93 FXST **43-0257** 1994-06 FXST-FXD 43-0290 1995-06 FXST (3 Hole)

Chrome Inner Primary



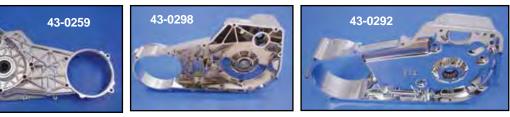
BIG TWIN











Chrome Inner Primary Cover Assemblies include bearings, bushings and seals. Installed.

VT No. Year/Model 43-0244 1990-93 FXST-FLST 43-0245 1994-2006 FXST-FLST 43-0268 1994-2000 FXDWG 43-0269 1994-2000 FXD

43-0259 2001-2005 FXDWG (OE) 43-0298 2001-2005 FXDWG 43-0292 2008-up FXCW (OE)



FXD 5-Speed

43-0279 1994-00 FXDWG 43-0286 1994-00 FXD FXD 5-Speed 43-0258 2001-05 FXD 43-1050 2001-05 FXD 43-1055 2001-05 FXDWG 43-0690 Bushing

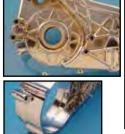






Offset Inner Primary Cover







V-Twin[™] Offset Inner Primary Covers for 1994-2003 Softail feature chrome finish with reinforcing webs for added strength. Available in offsets for fat tire and wide frame applications. Uses 1994-2003 primary component, sold separately.

VT No. Offset 43-0452 .500" 43-0453 .750" 43-0454 1.00" 43-0455 1.25"





80" UL





48-0033

Dual Cam



48-0025

Panhead



48-0044

Shovelhead



48-0048

Shovelhead





Motor Plaques measure 18" x 24" and are made of metal. Motor Plaque Set includes 9 plaques. VT No. 48-1811

1340 cc

Knucklehead

Inner Primary Trim





Chrome Inner Primary Trim easily adapts to stock cast inner primary without complicated disassembly.

VT No.	Year	Model
42-5058	2006-up	FXDWG
42-5057	2007-up	Softail
42-0729	1986-88	FXST-FL



Inner Primary Cover with chain drive. Fits 1984-85. VT No. 43-0155



Chrome Inner Primary Cover fits 1994-2000 FXDWG. VT No. 43-0279

Inner Primary



or OE black finish.					
VT No.	OEM	Finish	Fits		
FXR 5-S	peed				
43-0233	60222-90	Cast	1990-93 FXR		
FXST-FL	ST 5-Speed				
43-9139		Chrome	1990-93 FXST		
43-9143	60630-90	Polished	1990-93 FXST		
43-0162	As Above	Chrome	1990-93 FXST Heavy Duty		
43-0174	As Above	Polished	As Above Heavy Duty		
43-9145	As Above	Chrome	1994-99 FXST		
43-0229	As Above	Polished	1994-99 FXST		
43-0175	As Above	Chrome	1994-06 FXST Heavy Duty		
			1994-06 FLST		
43-0176	As Above	Polished	As Above Heavy Duty		

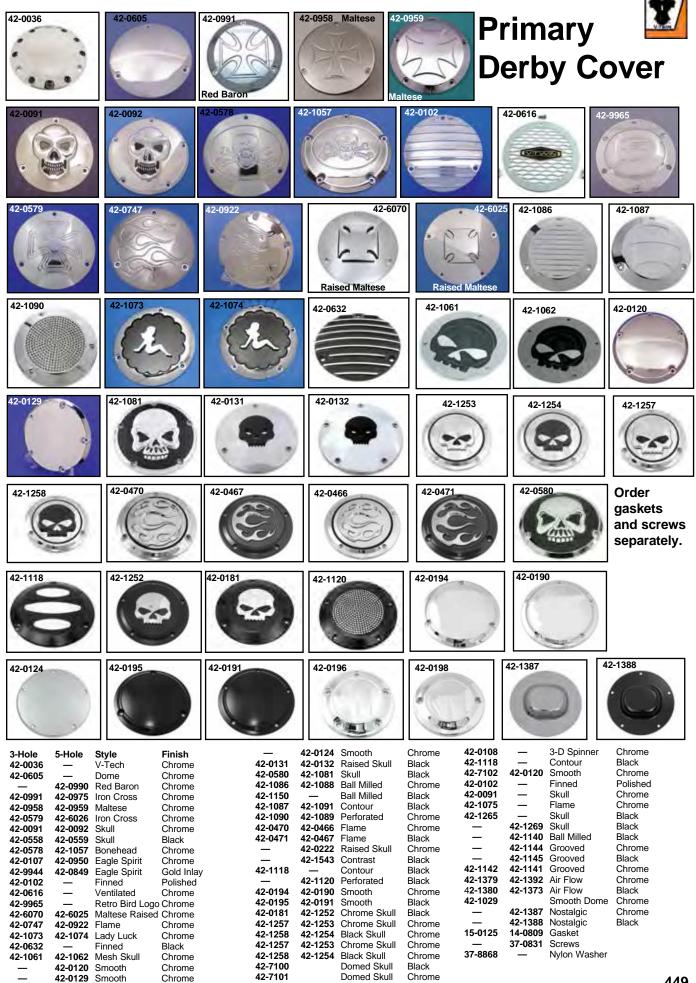




FLST-FXST Heavy Duty Inner Primary Cover features waffle reinforced design.

1011101000		
VT No.	Finish	Year
43-0162	Chrome	1990-93
43-0174	Polish	1990-93
43-0175	Chrome	1994-06
43-0205	Chrome	1994-06
43-9179	Chrome	1994-06
43-0176	Polish	1994-06

Note: 43-0205 include all hardware except bearing.







V-Tech Covers feature allen screw styling in deluxe chrome die cast metal.

VT No. Item 42-0002 Oval

42-0040 Oval with FXE shift hole



Eagle Spirit Derby have matching pieces available separately. The derby fits Big Twins. Finishes are chrome or chrome with gold inlay.

3-Hole5-HoleYears42-010742-09501970-9842-994442-08491970-98

Finish Chrome Chrome with gold inlay



42-0816

Chrome Flame Derby and Inspection Oval Set. Screws included. VT No. Year Model

42-0817 1965-98 **42-0816** 1999-up 1999-05 FL and Softail Softail FXD



Chrome Flame Cover Set fits 1986-99 Softail. The set contains three pieces. VT No. 42-0743

Vented Covered Sets





Chrome Oval and Derby Kit VT No. Item 42-1226 V-Twin Vented 42-1225 Billet Vented



Primary Derby Gasket Kit used to replace gaskets and seals after clutch and primary chain adjustment on Big Twins.

VT No. Derby Year Holes 15-1507 15-0562 1999-up 5-Hole 15-1506 15-0563 1970-98 3-Hole

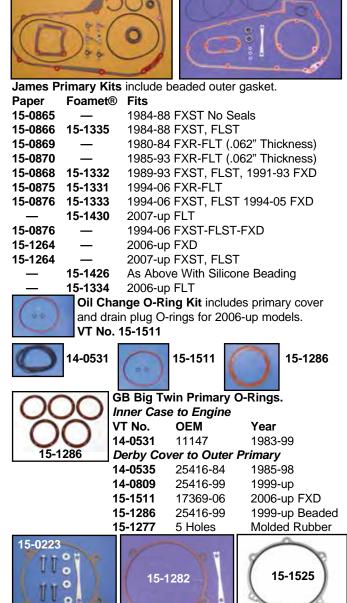


Chrome 3-D Derby Cover features concealed mounting by use of plate which installs like a derby cover. The 3-D spinner cover mounts to stud on plate and held firmly in place by O-ring. The red backing plate can be painted to match color scheme.**VT No. 42-0108**



Primary Gasket Kit 🌌

15-0865



GB™Inner Primary Repair Gasket Kit includes gasket to replace O-ring seal when the lip of the engine is partially or entirely broken off. To avoid machining and welding, grind the partially broken lip smooth and install the gasket. Special lock and bolts included. VT 15-1525 is a metal gasket only.

Years	Models
1970-90	FX-FL
1990-05	FX-FL
2006-up	FXD-FLT
	FLST-FX
	1990-05 2006-up

2007-up FLST-FXST James Inner Primary O-Ring Saver Kit replaces stock type O-ring with a gasket. Used for repairing damaged crankcase O-sealing lip. Available with a silicone beaded metal gasket or a foam rubber coated gasket. Includes lock tab.

1984-up Evolution and Twin Cams

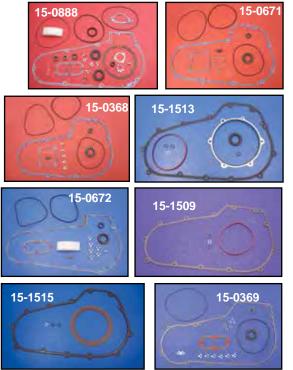
VT No. Item

15-0875

15-1282 Metal Beaded

15-1283 Metal Foam Rubber

Primary Bolt Sealing Washers VT No. OEM Type 37-8868 31433-84A Nylon washer 37-8931 31433-84A Washer with O-ring



GB Primary Cover Gasket Kit contains all the necessary gaskets and hardware when making inner primary repairs, primary chain, clutch hub, clutch or left side transmission repairs. One part number covers all necessary parts.

part num	ber covers	all ne	ecessary parts.	
GB No.	Year	Spd	Model	15-0673
15-0888	1984-88	4-5	FXST	13-0013
15-0671	1985-93	5	FLT-FXR	()
15-0672	1986-89	5	FXST	
15-0673	1990-93	5	FXST (10 pieces	
15-0768	1990-93		FXST (15 pieces	s)
15-0368	1994-00	5	FXR-FLT	
15-1513	2007-up	6	FLT	
15-1515	2007-up	6	FLT As Above, (Outer Gasket Kit Only
15-0369	1994-00	5	Softail	
	1994-00	5	FXD	
15-1509	2006-up	6	FXD	
	2007-up	6	Softail	
F	00 15	1506		Gasket Kit used
1 1	1 Com		to replace gaske	ets and seals after
			alutab and prime	ny obain adjustment



Primary Derby Gasket Kit used to replace gaskets and seals after clutch and primary chain adjustment on Big Twins. VT No. Year Derby

15-1507 1999-up 5-Hole **15-1506** 1970-983-Hole





Chrome	Screw Kit	s for Big T	win primary covers.		
Acorn	Сар	Allen	Fits		
7350-15	—	8762-17	1984-85 FXST 5-Speed		
	—	8762-17T	1984-85 FXST 5-Speed		
8914-17	8915-17	8916-17	1985-99 All 5-Speed FXR-FLT		
8917-19	8918-19	8919-19	1989-06 FXST, 1991-05 Dynaglide		
		2342-18	2006-up FXD, 2007-up Softail		
—	_	8919-19-P	As Above Polished		
9958-19	_	9959-38	1999-06 FLT		
		2402-18	2007-up FLT		





Aluminum Inner Primary Mounting Kits contain all stock type hardware for mounting aluminum inner chain housing on all Big Twin.

VT No.	Years/Models
37-8668	1985-88 FXST
9904-17	1986-up FXR-FLT
37-9120	1989-up FXST
9870-16	1986-93 Softail and Dynaglide, Colony
9873-16	1994-up As Above
17-0946	1987-90 Lock Tab Only
37-8803	1971-up Bolt with Wire Hole
17-0928	1985-up Big Twin, Lock Tab



Shift Shaft Primary Plug for use when forward controls are installed on FXR-FXD models to seal the inner primary when eliminating the mid shift. Includes O-Rings and hardware.

VT No. 17-0650



1970-up Big Twin Inner Primary Lock Tab. One piece design eliminates need for safety wire. Sold as a 5 pack.

VT No. 17-0937



Inner Primary Bearing Kit for Late 1985-up Big Twins includes bearing, seal, two snap rings and one inner race. 1985-93 1994-05 2006-07 2008-up 12-0589 12-0591 17-0871 17-0873

Bearing/Sleeve



Outer Primary Cover Bushing/Bearing presses in outer primary cover to secure end of starter shaft.

VT No.	OEM	Years	Туре
12-0318	9063	1965-88	Needle Bearing
10-8528	33446-89	1989-93	Bushing
10-8549	33446-94	1994-up	Bushing
10-2488	34632-84B	1984-94	Bushing (FXR)







1994-up Inner Primary Hardware and Gasket Set for Softail models. Set includes all parts shown including bearing and

inner sleeve. VT No. Year 15-0781 1986-89 15-0782 1990-93

VT No. Year 15-0779 1994-06 15-0784 2007-up



Late 1984-up Big Twin Inner Primary Bearing supports transmission mainshaft at inner primary area. Available in OEM floating style roller bearing Type (B) which requires purchase of the inner sleeve, 17-9941. Type (A) is the double sealed ball bearing style which does not require the sleeve.

VT No.	Туре
12-9935	Sealed Ball Bearing (A)
12-0357	Stock Roller Bearing (B)
12-1279	Bearing Only, 2007-up
17-9941	1984-05 Sleeve
12-9935	As Above Sleeve Not Rec
14-0104	1970-84 Seal, 5 pack

quired

Bearings Only, Number of Shields Noted.

12-0369 1984-up 5-Speed FXR-FLT, two shields

> Stepped Inner Primary Bearing Race for all 1991-05 Big Twins features an extra step on the inside diameter that acts as a stop on the transmission mainshaft. When the race is pressed on the shaft the step will not allow the race to move inward toward mainshaft seal. VT No. 17-0465



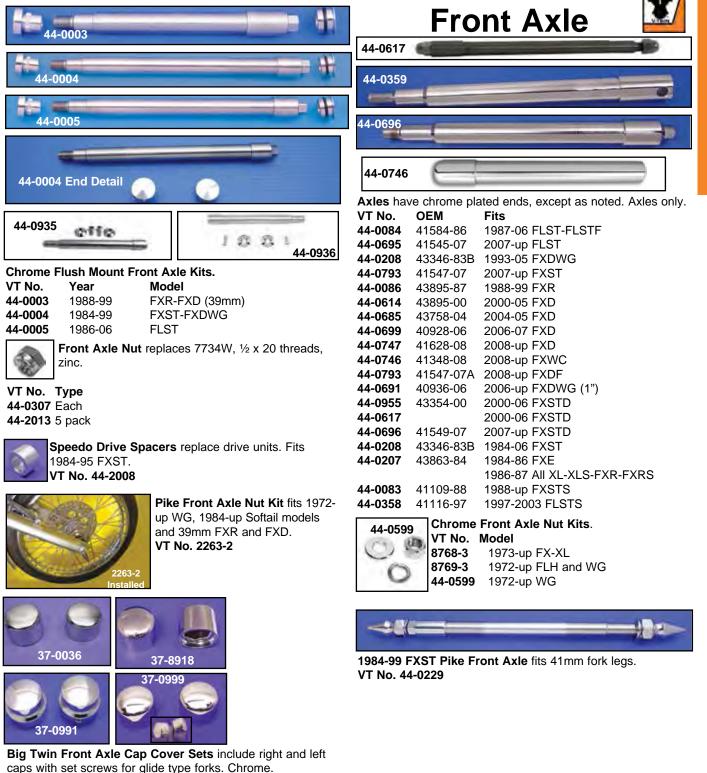
Late 1984-up Inner Primary Hardware fits Big Twin 5 Speed FXST-FLST.

VT No.	# OEM	ltem
12-9755	A 9135	Bearing
14-0159	B 12052	Seal, 1985-up, 5 pack
12-0969	C 60678	-85 Retaining Ring
10-8527	F 33445	5-89 Bushing Starter Shaft Inner, 1989-93
10-8548	F 33445	5-94 As Above, 1994-up
14-0920	E 12053	A Seals, 1989-93, 5 pack
14-0961	E 12066	Seal 1994-up
12-1198	H 221	Pin, Dowel, FLT, FXR,1984-up
10-8528	G 33446	-89 Bushing Starter Outer
10-8549	G 33446	5-93 As Above, 1994-up
12-1253	н —	Transmission Dowel Pin
12-1172	н —	1986-up FXST-FLST



17-0870

1985-05



VT No.

37-0036

37-8918

37-0991

37-0999

Year/Model

1988-up FXSTS

1984-06 FXST

2007-up FXST

1972-84 FXWG-FXST

FLH and XL-FX with 39mm tubes

BIG TWIN



Chrome Front Axle Kit

44-0579 📰 💽 🔿 🛇
9 0 0 44-0675
44-0580
44-0795
44-0617
••••••••••••••••••••••••••••••••••••••



Chrome Front Axle Kits include plated axle, nuts, spacer, and hardware.

Year/Model	Kit	Spacer	Nut Kit	Axle	#	Fork mm	Outside Diameter
1980-83 FXWG, 1984-06 FXST	44-0572	44-0297	8769-3	44-0208	С	41	.750"
2007-up FXST	44-0795	2391-7	2391-7	44-0793		41	25mm
2000-06 FXST-FXDWG	44-0613	—	2022-5	44-0208	С	41	.750"
2006-up FXDWG	—	—	—	44-0691	С	49	1.00"
1984-86 FXE, 1986-87 FXR-FXRS	44-0577	—	8768-3	44-0207	G	35	.750"
1988-99 FXR-FXD	44-0578	—	8769-3	44-0086	Н	39	.750"
2000-2003 FXD	44-0614	_	2028-5	44-0614	Н	39	.750"
2004-2005 FXD	—	2256-5	2256-5	44-0685	Н	39	1.00"
2006-07 FXD	44-0798	—	—	44-0699	Н	49	1.00"
1988-96 FXSTS	44-0579	44-0546	 37-8564*	44-0083 *Washer fo	l or above	—	.750"
2000-up FXSTS	44-0615	_	2032-4	44-0083	I	—	.750"
1987-95 FLST-FLSTF 1996-99 FLSTF 2000-06 FLST 2000-06 FLST 2007-up FLST 2000-05 FLSTS 1997-99 FLSTS 2000-06 FLSTS	44-0580 44-0586 44-0587 44-0612 44-0630 44-0796 44-0631 44-0939 44-0740	44-0293 44-0291 44-0373 2029-5 2388-5 2364-5 2388-5	8769-3 8769-3 8769-3 2034-4 2029-5 2388-5 — — —	44-0084 44-0084 44-0084 44-0084 44-0695 44-0358 44-0358 44-0358	л Л Л Л Л Л Л	41 41 41 41 41 41 41 41 41	.750" .750" .750" .750" .750" .750" 25mm .750" 1.00"
2007-up FXSTD	44-0843	—	_	44-0696	К	41	25mm







Front Axle Spacers				
Chrome	Zinc	Side	Fits	
44-0651	44-0297	Right	1984-85 FXWG	
		Right	1984-99 FXST	
_	44-0546	Right	1988-96 FXSTS	
_	44-0550	Right	1997-99 FXSTS	
_	44-0553	Left	1997-99 FLSTS	
44-0369	44-0368	Left	1997-99 FXD-FXDL	
44-0372	44-0350	Left	1996-99 FLSTF	
44-0650	44-0293	Left	1986-95 FLST	
44-0661	44-0291	Right	1989-94 FLSTF	
44-0373	44-0352	Left	1996-99 FLST	
—	44-0628	Left	2000-06 FXST-FLST-FXSTS	
—	44-0956	Left	2000-06 FLSTS	
—	44-0956	Left	2000-06 FLSTS	
44-0811	—	Right/Left	2007-up FLST	
44-0799	—	Right/Left	2007-up FXST	
0	44-0116 Smoothie Spacer Set fits front axle. Fits 2000-06 FLST. 3/4"			



VT No. 44-0116

0

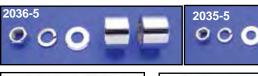
Front Wheel Seal Spacers sold each.

44-02	296	
VT No.	Side	Fits
44-0306	Left	1978-95 XL-XLS-FX-FXE-FXEF
		FXEF-80, 1982-83 FXR-FXRS-FXRT
44-0296	Left	1986-99 All XL models
		1984-99 All FXR models
		1984 FXE-80, 1985 FXEF
44-0297	Right	1984-86 FXWG 1984-99 FXST
44-0291	Right	1988-99 FLSTF
44-0293	Left	1986-99 FLST
44-0350	Left	1996-99 FLSTF
44-0352	Left	1996-99 All Softail
44-0628	Left	2000-06 FXSTD
44-0925	Right	2000-06 FXSTD



Chrome Inner Hub Cover fill area between pulley or rotor mount flange and spoke hole flange on hub for smooth appearance and ease of cleaning. Front models fit rotor side, rear kit fits both sides Fits 1987-93 FXST. VT No. 44-2019

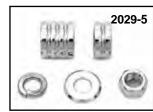
Front Axle Spacer





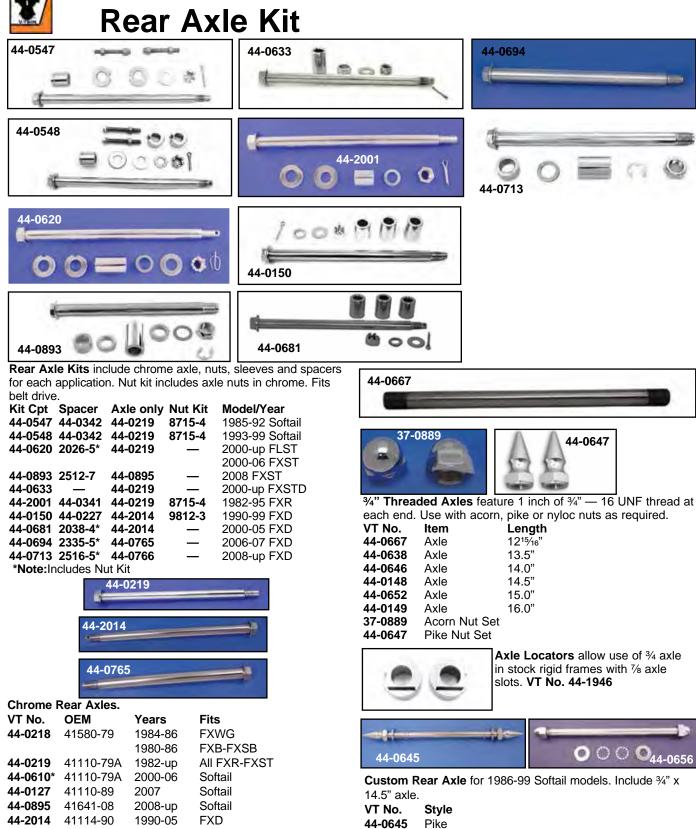






Chrome Front Axle Spacer, Washer and Nut Kits. Smooth Groove Fits FXSTS

глэгэ		
—	9823-3	1988-96
9999-3	—	1997-99
2032-4	—	2000-up
FXST-FXD	WG	
9826-4	9825-4	1984-95
9991-5	9990-5	1995-96
9993-5	9992-5	1997-99
2022-5	2021-5	2000-06
FXST		
2391-7		2007-up
FXDWG		
2337-5	—	2006-07
2339-5	—	2006-07
2515-5	_	2008-up
FXSTD		
2389-7		2007-up
FLST-FLS1	rc	
9826-4	_	1984-95
2034-4	2033-4	2000-06
2388-5	—	2007-up
FLSTN		
2390-5	—	2007-up
FLSTF		
9925-4	9924-4	1990-95
9923-5	9922-5	1996-up
2030-5	2029-5	2000-06
FXD		
2028-5	—	2000-03
2256-5	_	2004-05
2339-5	—	2006-07
2514-5	—	2008-up



44-0645 Pike 44-0656 Acorn

44-0765 41114-06

*Note: Includes spacers and nut.

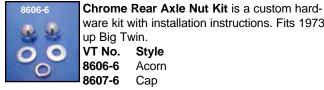
FXD

2006-up

e)		۲		00	Re		xI	e Spacer
		2/11:	44-0658	44-0729	45 50	= 981	0-4	2026-5
wheel use		e ¾″ inner	diameter for fr	ont or rear	040) 🗄 🗄 🖷		
Sets	Each	Length	Finish		1. S. S.		-	
_	44-0937	.560"	Chrome	00				9811-3
—	44-0879	3⁄4"	Chrome	00				
—	44-0342	1.25"	Chrome	44-0731	Chrome D	leer Avle Sr		
44.0720	44-0325	27/32"	Chrome					Kits. FX-FLST Kits include left ter collars and castle nut. Kits for
44-0729 44-0730	 44-0253	1⁄8" 1⁄4"	Chrome Chrome	-				t for axle and adjuster collars.
44-0731	44-02JJ	74 3⁄8"	Chrome		Stock	Grooved	Υe	ears
44-0732	_	1⁄2"	Chrome		For Softai 9810-4	I Models	10	87-99
44-0733	_	5⁄8"	Chrome	44-0735	2026-5	_	-	00-07
_	44-0877	.650	Chrome		2026-5T	_		108-up
44-0734	44-0430	3⁄4"	Zinc	-	2512-7		20	08-up
44-0735	44-0254	1"	Chrome		For FXD M 9812-3	/lodels 9811-3	10	91-99
44-0737	 44-0786	1¼"	Chrome	- P	2038-4	2037-4	-	00-05
 44-0736	44-0786 44-0429	1%" 1½"	Zinc Zinc	44-0735	2335-5			06-07
	44-0659	1 ⁷² 1 ³ ⁄16"	Chrome	1000	2516-5		_ 20	08-up
_	44-0227	17⁄16"	Chrome		A	B	С	
—	44-0658	1 ¹⁵ ⁄64"	Chrome	44-0879				
44-042	7		44-0421	44-1944	Rear Axle	Spacers		
100				44-1944	Chrome	Zinc	#	Application
					44-0325	44-2051	A	1984-86 FXST cast/wire wheel
	1 K.							1973-82 All FL's left cast/wire,
								1973-83 FX-FXE-FXEF
								FXEF-80-FXWG left wire wheel
	e Seal Space							1981-86 FXE-80 wire wheel
VT No. 44-0421	Applicatio		wire wheel pair	c	44-0342	44-0345	в	1973-86 All FX cast wheel 1986-99 FXST-FLST
44-0421			•	FXWG wire wheel		44-0345	C	1982 only Classic 1983-up FLH-80
	1982 only						Ŭ	Cast or wire, 1984-86 FXWG wire
	1982-86 F	•						1980-86 FXB-FXSB cast wheel
44-1944	As above v	with lip			44-0659	44-0341	D	1982-up FXR left side cast/wire
44-0427	1987-99 Fl	LT-FXST-I	-XR					1985-up FXRT cast wheel
	DIY U	niversal A	Axle Spacer is	constructed of	44-0227	44-0374	Е	1990-99 FXD
-			" long to be cu		44-0813			2000-07 FXST
	VT No	. Inner E	•	-	44-0788	0		44-0690 44-1978
	44-067					9		
1	44-07	53 1"			-		1	
Axle Locator Set allows use of ¾ axle in stock						heels with 1"		
-	rigid frame	es with 1/6"	axle slots. VT	No. 44-1946			er be	earings to fit ¾" axle.
					VT No. Le 44-0788 11	-		
					44-0690 11			
					44-1978 1"			
				Axle	Nut			
1	Chrome	Castle Ni	ut Kit includes v	washer and cot-	TUL			ear Axle Spring Clip replaces 510



Stie Nut Nit Includes washer and cotter pin for rear axles on 1989-up models. Replaces 7987, 511. VT No. 37-9032



ware kit with installation instructions. Fits 1973up Big Twin. VT No. Style 8606-6 Acorn 8607-6 Cap



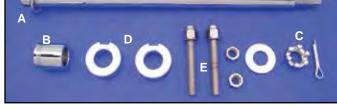
Chrome Rear Axle Spring Clip replaces 510 spring clip used on all 1991-up FL, FX, XL. Sold as pack of 5. VT No. 2042-5

-	Chror
	1973-
-	VT No
	44-03
44-0326	37-81
44-0320	44-07

me Axle Parts for 1972-79 FL-FLH,			
-79 FX-FXE-FXS, 1952-79 Sportster.			
о.	ltem	U/M	
326	Nut with washer	Kit	
27	Nyloc-Nut	10	
749	Nut Washer	1	

BIG TWIN











FXST-FLST Rear Axle Kit with chrome hardware and items pictured. Each item is available separately.

piotaroa.		available copul	atory.
VT No.	#	Note	Fits
44-0547	A-B-C-D-E	Kit	1987-92 Kit
44-0548	A-B-C-D-E	Kit	1993-99 Kit
44-0620	A-B-C-D-E	Kit	2000-up Kit
44-0892	A-B-C-D-E	Kit	2007
44-0893	A-B-C-D-E	Kit	2008-up
44-0597		Cap Adjuster	1987-92
44-0219	A	Chrome	Axle
44-0342	В	Chrome	Spacer
8715-4	С	Nut Kit	With washers
44-0545	D and E	Adjuster Kit	1986-92
44-0609	D and E	Adjuster Kit	2000-up
44-0618	D	Collar	1994-99
44-0607	D	Collar	2000-07
44-0725	D	Collar	2008-up
8934-2	E	Adjuster only	1986-92
9515-2	E	Adjuster only	1993-99
9515-2T	E	Adjuster only	1993-99
2023-2	E	Adjuster only	2000-07
2517-2	E	Adjuster only	2008-up

Rear Axle Cover





44-0812

Chrome Softail Rear Frame Covers bolt onto cover axle adjuster area on all Softail frames 1986-99. Hardware and instructions included.

VT No.	Style
42-0034	Smooth
44-0812	Skull
42-2036	Delta



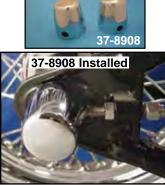
Chrome Rear Axle Adjuster and Nut Kit includes adjusters, collars, axle nut washer and "nugget" chrome cover. Kit allows use of existing nut and cotter pin.

VT No. Year 44-0635 1986-92 44-0636 1993-99 44-0634 2000-07

44-0545 44-0698 44-0609

Axle Adjuster Kits for Softails include collars and adjuster screws with nuts.

Year
1986-92
1993
1994-99
2000-07
2008-up





Chrome Rear Axle Caps fit 1987-06 FXST-FLST models, completely covers axle ends and cotter key area. Easy to install.

VT No. Style 37-8908 Smooth 37-9007 Maltese

Rear Axle Cover adds a smooth finished look. Easily installed with set screw. Set of two. Fits 1984-06 Softail. VT No. 2121-2



Chrome Tail Spurs dress up rear castings on 1986-99 FXST-FLST models. Contour steel covers fit behind adjusters to protect paint when axle is removed. Chrome adjuster nuts supplied. VT No. ltem 42-0676 Spurs

44-0545 Adjuster Kit

458





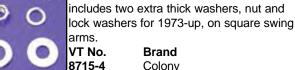


44-0221

rear disc brake units are installed on rigid frames. Kit includes .750" diameter axle, nut, special spacer and washers. Other axles sold separately. Spacers may have to be cut to length. Rigid axles have milled area on hex head. Swing arm does not. Length includes threads not head.

Rear Axle

Chrome Rear Axle Nut and Washer Kit 44-0520



44-0520

Brand

Colony V-Twin



Axle Locator Set allow use of 3/4 axle in stock Rigid frames with 7/8" axle slots. VT No. 44-1946



VT No.

44-0221

44-2038

44-1951

44-0230

44-2043

44-1985

44-1986

44-1942

44-0947

44-1044

Swingarm

44-1945 Axle

Rigid

ltem

Kit

Kit

Axle

Axle

Axle

Axle

Axle

Axle

Axle

Axle

Axle Protector Plates prevent axle nuts from scratching painted finish. Sold in pairs, polished stainless. Fits 1984-06 FXST-FLST. VT No. 44-1989

Axle Collar Sleeves have milled flat section on

U/M

Pair

Each

Each

Nut

Sleeve Collar

44-0230 Milled F

Rigid Head Detail





FXR Rear Axle Adjusters include heavy axle pull blocks and chrome end caps with allen screws, for 1982-94. Chrome pivot covers also available.

44-1951

Length

10.25"

11.75"

10.25"

10.75"

11.75"

11.25"

12.25"

12.50"

11.50"

12.50"

44-0394 1⁵/16"

44-1987 1¹³/16"

44-1988 23/4"

44-0316

44-0520

VT No. Length

one end to fit rigid frame slots.

12"

Note: Rigid types have a milled head to fit replica rigids.

VT No. Item 44-0583 Adjusters 42-0030 1982-89 Pivot Cover Set



Axle Adjuster

FXD

Calibrated Rear Wheel Adjusters feature chrome pyramid blocks with sight indicator to view calibrated adjuster bolt, for accurate and easy wheel alignment. Adjuster bolt is chrome heavy duty 1/2" rod with micrometer markings; nut is stainless steel. Fits 1973-85 FX-FLH, 1984-86 FXST. VT No. 44-2011



Pyramid Adjuster Block Kit has die cast

chrome pyramid end caps for use with stock type pull adjusters. Fits 1997-up FLT.



Chrome Adjuster Block Set fits 1991-05 FXD models. VT No. 44-0543



Chrome Rear Axle Nut Cover Set features simple set screw installation. Fits 1991-up FXD.

VT No. 37-9375



Chrome Rear Wheel Adjuster Hardware for 1991-05 models. VT No. Item 2000-6 Swingarm End

Plate with Adjuster 2001-2 Swingarm End Plates





Deluxe Rear Hub Rebuild contains all internal parts including longest length inner spacer (white 4.4480). Spacer can be cut down or collar removed for some applications.

VT No.	Note	Fits	Brand
44-1997	1	1984-90 FXST, 1987-91 FXR	Peer
44-2047	1&2	1992-99 FXST-FLST-FXR,	Peer
		Dynaglide, XL,	
		1987-99 FLST Wire Wheel only	
44-2048	1&2	As Above for Cast Wheel only	Peer
44-0589		2000-up Softail, XL, FXD	SMT
Note: 1. Does not include snap rings and seal washers.			
2. Order spacer shims separately.			



Rear Wheel Bearing Race and Seal Kit includes two of each bearing, race and proper seals. Fits 1983-94 FXR, 1983-99 FXST-FLST-FLT-XL, 1991-99 Dynaglide, cast or wire wheel. VT No. 44-0420



Bearings Kit includes two tapered bearings and two races replacing 9052 for1973-99 Big Twin swing arm 1958-85.VT No.Item44-04254 Piece Kit44-0405Race and Bearing, one pair44-0406Bearing Only, one piece

Race Only, one piece

99 wire wheels and most custom wheel



Inner Hub Bearing Tubes.			
VT No.	OEM	Length	
Steel Dual Flange Hub Spacer, Front and Rear			
44-0338	43601-78	4.420"	Orange
44-0336	43602-78	4.434"	Yellow
44-0337	43603-78	4.448"	White
Cast Wheel Hub Spacer, Front and Rear			
44-2032	43604-78	4.420"	Red
44-2033	43605-78	4.434"	Yellow
44-2034	43606-78	4.448"	White
Front, Cast			
44-2025	43608-82	4.308" I	FLT
44-0236	43612-92	FLSTF	
Front Laced			
44-0237	43668-82	FLT-FL	ST-FXST-WG
Adjustable Inner Hub Spacer for 1973-			

application. VT No. 44-0639







Big Twin Hub Rebuild Kit contains bearings, races, seals and seal spacers. Hub and internal bearing spacer not included. Fits 1986-94 FXR, 1984-99 FXST-FLST **VT No. 44-0453**

Rear Double Row Retro fit wheel bearing kits for models with bearings. Double row wheel bearings eliminate wheel play, have a longer wear life, require no adjustment. Kits include two bearings, center spacer and spacers. Fit 1984-99 FXST, FLST, 1991-99 FXD, XL.

VT No. 44-2995

Replica Bearing Kits include inner spacer, rear.

VT No. Year Model 44-0989 2000-07 FLT

44-0997 2000-07 FXST-FXD 44-0998 2008 FLT

44-0998 2008 FLT 44-0999 2009-up FLT

0

FLT Wheel Hub Hardware fits 1982-99 models, 1982-99 FXR models.

	-		
OEM	Item		
43613-92	2.424" Spacer for narrow hub		
43608-82	4.308" Spacer for wide hub		
43650-82	Spacer Washer		
43290-82	.032 Shims, 10 pack		
43291-82	.016 Shim		
43292-82	.008 Shim		
43293-82	.004 Shim		
43294-82	.002 Shim		
4	4-0860 44-0961 44-0954		
	43613-92 43608-82 43650-82 43290-82 43291-82 43292-82 43293-82 43294-82		

 44-0859
 44-0858

 Inner Hub Bearing Tube Spacers may be used in some cast

mag wheel applications when flange is removed. Check for proper length fit.

proportiongarina				
VT No.	OEM	Model/Year	Туре	Fits
44-0313*	43623-78	1978-99 FX-XL	2.564 Violet	Front
44-1980*	43624-78	Front	2.550 Pink	Front
44-1981*	43625-78	Choose Length	2.536 Gold	Front
44-0958	43625-78	Front	2.542	Front
44-0356	43608-00	2000-07	FXST	
		2000-01	FLT Rear	Front
			and	Rear
44-0362	43613-00	2000-up	Front XL, FXD	Front
44-0858	43517-00	2000-07	FLT	Front
		2002-07	FLT	Rear
44-0859	43755-04	2004-06	FXD	Front
44-0860	43641-01	2001-03	FX	Front
44-0885	43906-08	2008-up	XL	Rear
44-0961	41349-07	2007-up	FXST	Front
	41349-07	2007-up	FLT	Rear
44-0962	41900-08	2008	FLT	Front
44-0943	41696-08	2008-up	FXST	Rear
44-0708	43905-08	2008-up	FXD	Rear
44-0954	41748-08	2008-up	FXD	Front
*Note: Choose proper length.				

Wheel Seals.

Note: VT No.14-0139 and 14-0658 feature metal housing all others are rubber covered.

James	 VT No.	OEM	Fits
	14-0140	• =	
14-0659	14-0140	47519-63A	1983-99 FX, 1985-99 FLST,
			Front/Rear Wheel
			Double Lip
_	14-0182	47519-83	1983-84 As Above



Front Wheel Assembly Kit for steel hubs only. Contains two of each of each, bearing, race and seal and one correct seal spacer. Also included for certain applications only are two each snap ring and seal retainer washers. Not included in this kit is the internal bearing spacer which may be ordered separately. Check listing

CHECK list	ing.							
VT No.	Wheel	Fits						
44-0456	Wire	1984-86	FXWO	3				
44-0457*	Wire	1984-85	FXST					
44-0536*	Wire	1986-99	FXST,	1993-9	9 FXDWG			
		1984-99	FLT					
44-2045*	Cast	1992-99	FLST	=				
44-2046	Cast	1987-91	FLST					
*Note: Do	bes not ind	clude snap	rings a	and seal	washers.			
0	44-099	3	12-0631					
(\mathbf{O})	01							
-			26	2				
12-0592								
Wheel Bearing fits front and rear.								
VT No.	OEM Fits		U/M	Size	Year			
12-0592	9267 FXD	, FXST	Each	3/4"	2000-06			
44-0993	9267 FXD	, FXST	Pair	3/4"	2000-06			

		1 11.5	0/101	OILC	i cui
12-0592	9267	FXD, FXST	Each	3/4"	2000-06
44-0993	9267	FXD, FXST	Pair	3/4"	2000-06
12-0631	9276	Softail Front	Pair	25mm	2008-up
44-0900	9253	ABS/Non-ABS			
44-0901*	21"	ABS/Non-ABS			
44-0902*	23"	ABS/Non-ABS			
44-0903*	26"	ABS/Non-ABS			

*Note: Bearings for larger than stock diameter wheels have a greater reinforced magnetic area that will not set off any engine codes after proper installation.

Wheel Bearing Kit



Front Wheel Bearing, Race and Seal Kit contains two of each, bearing, race and proper seals. Fits 1984-94 FXR cast or wire, 1984-99 All FX-FLT-FXST cast or wire,1991-99 Dynaglide, cast or wire. VT No. 44-0417



Front Internal Hub Kit includes all internal parts for complete rebuilding of all alloy front hubs. Includes inner spacer, bearings, races seals and seal spacer matched for each year group. Hub is not included.

VT No. Туре 44-0537 Single Disc 44-2049* 44-0611 Single Disc/ Dual Disc 44-0988 Single Dual 44-0990 Single *Note: Order spacer shims separately.



1984-91 FX-FXR, 1984-91 XL 1992-94 FXR, 1992-99 FXDL 2000-07 FXD, XL Cast or Wire wheel 2000-05 FXD 2000-07 XL 2007-up FXST

Wheel Bearing Greaser. Fitting and spigot greases 1973-99 tapered bearings without removing seals, use existing seal spacer or purchase separately.

VT No. Item 16-0803 Tool 44-0303 Collar

Fits



Axle Nut Cover

Chrome Axle Nut Caps Set for both axle nut and axle head where required. Each cap has an internal hex to allow more thickness for the set screws thread to eliminate thread stripping.

Note: These axle caps will not work on late model rear axles with cotter key locking devices.

-	-	
Front	Rear	Fitment
—	37-8885	1984-94 FXST
		Does Not Fit Rear 1989-94
—	37-8885	1982-87 FXR
—	37-8885	1981-85 FX
—	37-8884	1973-80 FX
—	37-8886	1971-72 FX
—	37-0041	2000-07 Softail
—	44-0742	2008-up Softail
44-0741	_	2007-up FXST
37-0999	_	2007-up FXST for 25 mm axle
2536-2	—	2007-up FXST
37-0999	_	2008-up Touring for 25 mm axle
—	44-0845	2006-07 FXD
—	37-8885	1980-94 FLT
		Does Not Fit Rear 1989-94









Chrome Wheel Covers are contour formed to fit Alloy 16" FXST rear and Fat Boy front and rear, covering up to the step at the valve stem hole area. Both are held in place by the rotors and belt pulley. Sold in pairs.

VT No. Type 45-0689 Front FLSTF 45-0742 Front FLSTF 45-0690 Rear FLSTF-FXST 1986-99

Year 1986-99 2000-up



21" x 2.15" Wheel with billet front hub, stainless spokes and chrome kit. Fits 1984-99 FXST with 41 mm fork and 60 polished stainless spokes and chrome rim.

VT No. 52-0139

Wheel Assemblies



Wheel Assemblies with chrome billet hub for Softail models feature a chrome plated billet hub, chrome spokes and chrome steel rim for either tube type or tubeless application. Rear wheels have extension on pulley side to minimize pulley spacers and bearing is moved outboard to prevent bent axles. Front or rear wheels accept 111/2" disc rotors. Single flange are for right side drive. The 1984-99 hub types use Timken bearings and the 2000-up hub types use sealed bearings without ABS.

VT No.	Size	Spoke	Axle Size	Drive Side	Hub Type
Rear					
52-0122	18" x 8.5"	60	3⁄4"	Left Hand	2000-up
52-0682	18" x 10.5"	80	1"	Left Hand	2000-up
52-0683	18" x 10.5"	120	1"	Left Hand	2000-up
52-0684*	18" x 10.5"	80	1"	Right Hand	2000-up
52-0685*	18" x 10.5"	120	1"	Right Hand	2000-up
52-0640*	17" x 12"	80	1"	Right Hand	2000-up
52-0642	17" x 12"	80	1"	Right Hand	2000-up
*Note: Si	ngle sided h	ub flange	•		

Cast Wheels





16" Chrome Billet Wheels have 3-spoke design include bearings, an internal spacer and tubeless tire valve stem.

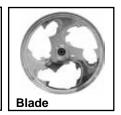
VT No. Year 52-1015 2000-2002 52-0992 2003-05

Model **FXD-Softail** Softail



Rear Billet Hub Wheel features 80 stainless spokes, chrome billet hub and rim. *Note: For Right Side Drive x 300 only. Fits 18" x 10.5" rear wheel. VT No. 52-0195







52-2901 Right Side Wyatt Gatling Chrome Forged Billet Wheels for 1987-99 FXST. Wheels include adapter spacers and bearings as required. Use

with 2000-up	drake rotor a	ana arive pulley	/.	
Size	Fits	Tenzo	Trex	Blade
16" x 3.5"	Rear	52-2900	52-2903	52-2906
18" x 8.5"	Rear	52-2901	52-2904	52-2907

Bearing Sets for 60 spoke wheels. Inner Diameter VT No.

- 12-8850 3⁄4"
- 12-8851 1" Valve Stem.
- VT No. Type of Nut
- 28-2138 Outside



45-0863

C

45-0866

Hubcap





Chrome FLST Front Wheel Hubcaps are held by a snap ring. The full 8" dresser hubcaps for wire wheels on glide type forks fit between hub and axle without additional hardware.

VT No.	OEM	Years	Fits
42-9921	43067-86	1986-96	FLST Single Disc 16" wheel held by snap ring
45-0410	43155-97	1997-99	FLST As Above
45-0761		Cap Only	
45-0960	43162-97	Front Hub	Cap Kit, chrome
45-0934		Cap Only	
45-0801	43155-00	2000-06	FLST
45-0805	415401-07		
12-0956	11175	Snap Ring	g for 1986-96 FLST Hubcaps



Chrome 41/2" Hubcaps fit between hub and axle without additional hardware.

VT No.	Туре	Year	Model
42-0068	Rear	1984-up	FXST-FLST
42-0073	Front	1986-up	FLST
45-0408	Front, Mag	1984-95	XL, FXD
	-	Brushed	Aluminum







Hub Cap Adapter Kits, Hubcap available separately

nub cap Adapter Kits. Hubcap available separately.									
VT No.	Fits	Side	Chrome Hubcap Kit						
44-0809	1986-99 FLST	Right, zinc	45-0862						
44-0976	2007-up FLST	Right, zinc							
44-0894	1997-99 FLSTS	Left, zinc	45-0866						
44-0888	2000-06 FXST	Right, zinc	45-0863						
44-0889	1984-99 FXST	Right, zinc	45-0864						
44-0890	1997-99 FXSTS	Left, zinc	45-0865						
44-0974	2000-06 FLSTS	Left, zinc	45-0867						
44-0975	2000-06 FLSTF								
44-0995	2000-06 FLST								
_	2000-06 FLSTS	Right	45-0964						
"Baby Moon" Chrome Rear Hubcap									



45-0817 E 2009-up FLT with ABS

non ABS bearing on drive side of hub with lettered side facing out.

with screws. Fits 1993-up. VT No. 45-0416



Chrome Mini Cap fits between swingarm and axle spacer. Fits 1973-95. VT No. 45-0692

Front And Rear Wheel Hub



45-0814



Spoke Set Chart

	A		40 Short Shank Spok Note: Spokes in this flanged hubs as style	list fit horizontal
The second secon	0		45-0409	45-0954
(A)	CARA A			Mary Queen
Store .	No. 10		45-0955	45-0952
	Styles St	hown for Reference Only.		
				then then the

Flat Flanged Hubs. Front and rear flanged hubs, including 1936-84 FL-FLH front and rear, 1973-84 FX-FXE rear, 1954-99 XL rear, 1984-95 FLST-FXST-FXDWG front or rear, 1996-up FLST-FXST alloy rear, 1986-up FLT rear, 2000-up XL alloy rear and 1996-up Dynaglide alloy rear. **All spokes listed are 6-8 gauge.** Kits include 40 spokes and 40 nipples.

			9	SPOKE SE	ts for f	LAT FL	.ANGE	EHUBS	5			
100001000000	Chrome	Chrome	Chrome	Chrome	Stainless			rome	Chrome	Size	Rim	Note
Similaria /	V-Twin	Buchanan	Twirled	Twirled	Twirled	Twirled	Dia	amond	Diamond		Туре	
			V-Twin	Buchanan	V-Twin	Buchar	nan V-	Twin	Buchanan			
	45-0620					_		_		15"	DC	
	45-0621	45-0720	45-0703	45-0675	45-0709			_	45-0682	16"	DC	3
	45-0952		45-0765	—	—	_		—		16"	Profile Rim	
	45-0956				_	_		_		16"		v
	45-0762		45-0765					_		17"	DC	4
	45-0601	45-0721	L —			_		_		18"	C	
	45-0610		<u> </u>	45.0707		45.07		_	45.0004	18"	DC	
	45-0602 45-0767	45-0728		<u>45-0727</u> 45-0730		45-072	29	_	45-0684	<u>19"</u> 19"	C DC	1
45-0621	45-0603	45-0728	45-0706	45-0730	45-0726	45-07	00 45	<u></u>		21"	DC/C	
45 0021	45-0954	43-0723	43-0700	43-0077	43-0720	43-07	00 40			21"	Profile Rim	
0.000.000	45-0937							_		23"	DC	
and the first	40 0001									.20		
A surger and the second		SP	OKE SETS	FOR FLAT	FLANGE H	UBS			Notes:			
1	Chrome			Cadmium	Perma					вс Туре	Spool Hub	
	Rippled	Stainless	Stainless	Plated	Chrome		Rim	Note	Only		e Spool Hu	h
	Buchanan		Buchanan	V-Twin		Size	Type*		Only (Cro			D
400 Mile	45-0731	45-0409	45-0651	45-0710	_	16"	DC	3	3. VT No. Polished		9 is Hand	
45-0954	-	—	-		45-0946	16"	DC	W	4. Use wit	th rim 5	2 0425	
	_	45-0748	45-0652	_		18"	С		5. Use wi			
45-0764	—	45-0955	45-0656	_	—	18"	DC		*Note: Ri	т Туре	Drop Cent	er
HIMPHELICITY HUMPHELICITY	_	45-0764	45-0653	_	_	19"	С		= DC or			
JUNITED IN THE	_	—	45-0654	—	—	19"	DC	1	Conventio		;	
	_	_	45-0674	_	_	19"	DC	2	Profile Rin		0720 rim	
		45-0713	45-0655	_	_	21"	DC/C		- W = Fits v	Mide 52	-0730 nm	
	_	—	—	_	45-0377	23"	DC		_			
5–8 Heavy	Gauge Sp	ess Heavy boke Set to s and stoc -0738	o fit			VT 45- 45- 45- 45- 45- 45- 45- 45-	No. -0626 -0160 -0680 -0749	Type Standa Standa Standa Standa Extend Extend	ard, Chrom ard, Cadmi ard, Stainle ard, Stainle ard, Chrom ded, Stainle ded, Chrom ded, Chrom	e um ss e ess ne		

45-0782 Extended, Stainless

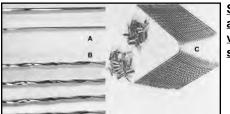
Front Spoke Set





FX-XL-FXR 1973-up Alloy Hub Spoke Set with single or dual disc with vertical flanges to house spokes. Sets include 20 long and 20 short shank spokes. Shank is 8 gauge portion which fits in hub flange.with 40 nipples.





Spokes listed fit alloy hubs with vertical flanges as shown.

All Spokes Listed Are 6-8 Gauge

Twirled-Diamond-Stock are noted as the following:

- **B** Twirled Buchanan
- B Twirled V-Twin
- A Diamond Buchanan
- $\boldsymbol{C} \text{ Ripple Style}$

	Spoke Set for Alloy Front Disc Spool										
Chrome	Chrome	Chrome	Stainless	Stainless	Chrome	Stainless	Stainless	Perma	Size	Rim	Note
V-Twin	Twirled	Twirled	Twirled	Diamond	Rippled	V-Twin	Buchanan	Chrome		Type*	
	V-Twin	Buchanan	Buchanan	Buchanan	Buchanan						
45-0606	_	—		—			45-0661	_	19"	С	
45-0623	45-0705	45-0676	45-0699	45-0683		45-0714	45-0660	45-0631	19"	DC	
	45-0751	45-0686	45-0701	45-0687	45-0755	_	45-0662	_	21"	DC/C	
45-0611	_	_	_	—		45-0612	_	_	21"	DC/C	Fits 2000- up FXD-XL
45-0953	—	_		_	_	_		_	21"	Р	



Twirled Spoke Wheel 52-0845







Twirled Spoke Wheels include chrome hubs with internals, rim and twirled chrome spokes assembled.

VT No.	Fits	Туре	Width								
	FRONT										
52-0859	1984-99 FLT	16"	3.00"								
52-2025	2000-06 FLST	16"	3.00"								
52-0852	1986-99 FLST	16"	3.00"								
52-0843	1984-95 FXST-FXDWG	21" Single	2.15"								
52-0908	1996-99 FXST	21" Single	2.15"								
52-0853	1988-99 FXSTS	21" Single	2.15"								
52-0971	2000-06 FXST-FXDWG	21" Single	2.15"								
52-2014	2008-up FXST w/out ABS	21" Single	2.15"								
52-0909	1996-99 FLSTS	16" Single	3.00"								
52-0972	2000-07 FLSTS	16" Single	3.00"								
52-0845	1984-99 FXR-FXD	19" Dual/Single	2.50"								
52-0943	1984-99 FXR-FXD	21" Dual/Single	2.15"								
52-0973	2000-03 FXD	19" Dual/Single	2.50"								
52-2015	2004-05 FXD	19"	2.50"								
52-0974	2000-03 FXD	21" Dual/Single	2.15"								
52-2016	2004-05 FXD	21"	2.15"								

VT No.	Fits	Туре	Width
	REAR		
52-0177	1982-84 FXE	16"	3.00"
	1982-86 FXWG		
	1984-85 FXR		
52-0842	1986-95 FXST-FLST-FXE	0 16"	3.00"
52-0851	As Above	16"	4.00"
52-0911	1997-99 FXST	16"	3.00"
52-0976	2000-05 FXST- FLST-FX	D16"	3.00"
	2000-01 FLT		
52-0978	2000-05 FXST-FXD-FLST	⁻ 16"	4.00"
	2000-01 FLT		
52-0858	1986-99 FLT	16"	3.00"



Since 1969! Wheel Building Service

Select any of our hubs, a set of spokes including stainless steel, chrome, twirled or diamond spokes and a rim. We will lace and true in our plant. The finished wheel can be shipped in 24 hours. Complete wheel will be billed as follows: Rim, Spokes, Hub and Labor. Service limited to components in stock. **VT No. 60-0125**

Chrome Front Wheels

For 41 and 49mm forks as noted

Complete Wheels in stock for immediate shipment from V-Twin Mfg™. The original aftermarket wheel builders since 1969.

W/Chrome Spokes Spokes	Stainless Rim	Rim Spokes	Rim Diameter Width
	STS with sind	gle disc on Spri	na Fork.
_	52-0825	16"	3.00"
52-0199	_	18"	2.50"
52-0778	—	18"	4.25"
52-0185	52-0826	21"	2.15"
52-0489	—	21"	3.25"
1984-95 FXS Fits 41mm fo		1984-85 FXW	G with single disc.
52-0175	52-0823	16"	3.00"
52-0829	52-0830	19" D.C.	2.50"
52-0169	52-0824	21"	2.15"
52-0455		21"	3.25"
52-0450		23"	3.00"
Fits 24-0514			
52-0848	52-0849	16"	3.00"
1996-99 FXS forks and Sp			gle disc. Fits 41mm
52-0904	52-0905	16" (FLSTS)	3.00"
52-0906	52-0907	21"	2.15"
52-1032	—	23"	3.00"
		e disc. Fits 41n	
50-0696	52-0695	16"	3.00"
52-0694	52-0693	21"	2.15"
52-1028		23"	3.00"
		Imm forks and	, , , , , , , , , , , , , , , , , , ,
52-1084	52-1085	21"	2.15"
52-0480	<u> </u>	21"	3.25"
52-0457		23"	3.00
2000-06 FX		04"	0.45"
52-1084 52-1027	52-1085	21"	2.15"
2008-up FX		23"	3.00"
2008-up PX	52-1056	21"	2.15"
		e disc. Fits 41m	
52-2019	52-2020	16"	3.00"
52-0479	_	21"	3.25"
52-0456		23"	3.00"



2000-up FL ABS.	S TS with 41	mm fork and si	ingle disc without
52-1092	52-1093	16"	3.00"
52-2006	52-2007	16"	3.00"
2000-06 FLS	ST-FLSTSF	with 41 mm for	k and single disc
without ABS		n	
52-0483		21"	3.25"
52-0460	—	23"	3.00"
		th 41mm fork w	
	52-0996	16"	3.00"
2008-up FLS	T, FXST, F	CDWG without	ABS
52-1054		16"	3.50"
52-1053	52-1056	21"	2.15"
52-0488		21"	3.25"
52-0459	—	23"	3.00"
2006-07 FXL	with 49mm	fork.	
52-2031	52-2032	19"	2.50"
52-2027	52-2028	21"	2.15"
52-1035	—	23"	3.00"
2006-2007 F	XDWG with	49mm fork.	
52-2086	52-2085	19"	2.50"
52-2029	52-2030	21"	2.15"
2007 FXST, 2	2007-up FX	STS	
52-0997	52-0998	21" D.C.	2.15"
2008-up FXI	DWG with 49	mm fork	
52-1053	52-1056	21"	2.15"
2008-up FXL)F with 49mr	m fork <i>without A</i>	ABS.
52-0478	—	19"	2.50"
52-0486	—	21"	3.50"
2011-up FLS	ST, FXST, FX	CDWG with AE	S
52-2054	—	16"	3.50"
52-2055	—	21"	2.15"
52-2056	—	21"	3.25"
2008-up FXI	DF with 49m	m fork without	ABS.
52-0486	—	21"	3.25"
2008-up FXL	D with 49mm	fork without A	BS
52-2039	—	19" DC	2.50"
52-0899	_	19"	2.50"
52-0917	_	21"	2.15"
52-1029	_	23"	3.00"



Wheels are direct bolt on for models listed. Assembled with all original components.

Complete Chrome Wheels





52-0440

52-0441



Chrome Profile Laced Wheel. VT No. Fits

21" Front

52-0660 2000-06 FXST except FXSTS and 2000-05 FXDWG models 52-0555 2007-up FXST

Profile Rimmed Wheels





Chrome Rear Profile Laced Wheel. The profile rim is an aluminum rim with a smooth chrome finish.

16" Rear VT No. Fits 52-0589 1986-99 FXST 52-0666 2003-07 Softail models 52-0667 2000-05 Dynaglide models

16" Front 52-0664 2003-06 FL Softail models 52-0554 2007-08 FLST

Fat Spoke Wheel



Front 50 Fat Spoke Radial Laced Wheel features 3/8" polished stainless steel spokes, billet chromed hub and polished chrome steel rim. Include bearings, seals and center spacer. Fit 1986-99 FLST/C/F/N, 16' x 3.5" wheel. VT No. 52-0108





Big Twin Rear Wheel

Since 1969







Complete Wheel

Assembly features the following:

- Chrome Rim
- Chrome or Stainless
- Spokes
- Chrome Hub with Internals
- 40 Spoke Style

1986-96 FXR-FXRS-FXST-FXSTC-FLST and FXDG models. Note: FXR applications must use VT No. 44-0421 seal spacers.



Directly bolts on to models listed. Assembled with all original components.





1997-99 FXD-FXST-FLST Type Rear Wheel



Wheel Bearing Greaser. Fitting
and spigot greases 1973-99 tapered
bearings without removing seals. Use
existing seal spacer or purchase sep-
arately.VT No.Item16-0803Tool44-0303Collar



ers.		
Chrome Stainless	Rim	Rim
Spokes Spokes	Diameter	Width
52-0176 52-0810	16"	3.00"
52-0215 52-0216	16"	3.50"
52-0861*52-0862*	16" Deluxe	3.00"
52-0935 52-0936*	16"	4.00"
52-2042 —	16"	4.50"
52-2033 —	17"	4.50"
52-0198 —	18"	2.50"
52-0775 —	18"	4.25"
1997-99 FXD-FXST-FLST	feature updated re	ear hub with
smooth flange area.		
52-1076 52-1077	16"	3.00"
52-1078 52-1079	16"	4.00"
2000-2005 FXD-FXST-FL	ST	
52-1080 52-1082	16"	3.00"
52-0217 52-0218	16"	3.50"
52-1081 52-1083	16"	4.00"
52-2044 —	16"	4.50"
52-0777 —	18"	4.50"
2006-07 FXD		
52-2010 52-2011	17"	4.50"
2008-up FXST, FLST, FX	DWG without AB	S
52-2041 —	16"	3.00"
52-2087 —	17"	6.00"
2011-up FXST, FLST, FX	DWG with ABS	
52-2057	16"	3.00"
52-2058	17"	6.00"
2008-up FXD without AB		
52-2040 52-2045	17"	4.50"
2012-up FXD with ABS		
52-2059	17"	4.50"
2007-up FLSTF without A	ABS	
52-6650 —	17"	6.00"
1982-84 FXE, 1982-86 FX	WG, 1982-85 FXF	R,1984-85 FXST
52-0168 52-0809	16"	3.00"
*Note: Deluxe rims are OE	type.	





60 Spoke Wheel



52-0171

52-0191



Complete 60 Spoke Wheel features chrome wide steel rim, steel hub and chrome spokes for any wide frame application. Hub features a .900" extension to minimize pulley spacers and the bearing is moved outboard to prevent bent axles. Accepts 11 1/2" disc rotor, 1984-99 style pulley or 1973-85 chain sprockets. Steel hubs include bearings, seals and spacers. Rim is sealed after truing so that it can also be used with tubeless tires.

VT No.	Size	Width	Tire	Year	Fits
52-0654	16"	5.5"	180-200	1984-99	Rear
52-0677	21"	2.15"	120/90	1984-99	Front

Front Wheel for 35 and 39 mm Fork

All front wheels on this page feature a chrome hub, with all internal bearings installed, choice of chrome or stainless spokes and amplataly lagod and two ad

<u>chrome rim c</u>	chrome rim completely laced and trued.				
Chrome	Stainless				
Spokes	Spokes	Rim Diameter	Rim Width		
Chr. Hub					
1984-99 FX	R-FXD with single	e/dual disc. Fits 35	and 39 mm		
forks.	-				
52-0170	52-0827	19" Drop Center	2.50"		
52-0171	52-0828	21"	2.15"		
52-0895	—	21"	3.00"		
1984-99 FX	R-FXD with single	e disc, fits 35mm a	nd 39mm		
forks.					
52-0190	52-0192	19" Drop Center	2.50"		
52-0191	52-0193	21"	2.15"		
52-1024		23"	3.00"		
2000-2003 I	FXD with single d	isc forks, FXD, FX	DL with 39mm		
forks single	or dual disc, .750	" axle.			
52-1086	52-1087	19" Drop Center	2.50"		
52-1088	52-1089	21" Drop Center	2.15" Dual		
			Disc only		
52-2023	52-2024	21" Drop Center	2.15"		
52-1212		23"	3.00		
2004-05 FXD with single or dual disc 39 mm for FXD, FXDL					
with 1" axle.					
52-2000	52-2001	19" Drop Center	2.50"		
52-2002	52-2003	21" Drop Center	2.15"		
52-1211		23"	3.00"		



60 Spoke Billet Hub Wheel Assemblies feature chrome plated billet hub. Polished stainless spokes and chrome rim. Rear Wheels

Real Will	Neal Whiteeis				
VT No.	Fits	Size			
52-0657	1986-99 FXST	16" x 3.50"			
Front Wh	eels				
52-0733	1984-99 FXD-XL	19" x 2.15"			
52-0734	2000-03 FXD	19" x 2.15"			
52-0139	1984-99 FXST	21" x 2.15"			
52-0737	2000-07 FXST	21" x 2.15"			
52-0658	1986-99 FLST	16" x 3.50"			

469



Rear Wheel Rim



Drop Center Chrome Rims feature drop center design for bead and 40 spoke holes. All are chrome unless noted. Note: Large hole accepts rubber valve stem tube. Small hole accepts metal stem tubes.
16" Rim with Large Valve Stem Hole 16" Rim with Small Valve Stem Hole 18" Rim with Center Hole

Front

16" Rim with Large Valve Sten				
Width	Brand			
3.0"	Perma Chrome			
3.0"	As Above Raw			
3.0"	Black Gloss			
4.0"	V-Twin			
4.0"	Replica			
4.0"	V-Twin			
	Width 3.0" 3.0" 4.0" 4.0"			

II HOIE	10	NIIII	WILLI
	52-	0230	3.0"
Э	52-	0222	3.0"
,	52-	1023	3.0"
	52-	0691	3.5"
	52-	0228	4.5"
	52-	0430	5"

52-0788

3.0"	Perma Chrome (CV)
3.0"	Perma Chrome
3.0"	Black Gloss
3.5"	Perma Chrome
4.5"	Perma Chrome
5"	Perma Chrome

18" Rim with Center Hole				
52-0707 2.5	5" V-Twin			
52-0229 4.2	25" Perma Chrome			
17" Rim with Center Hole				
52-0435 4.5	" Perma Chrome			
52-0896 6.0)" Perma Chrome			



Replica Drop Center Front Rims.

2.50" x 19"				
Chrome	Black	OEM	Brand	
52-0700	52-0234	43018-73	Perma	
52-0713		43018-73	DW	
52-0752		43001-06	Perma	
21"				

 52-0748
 52-1208
 2.15"

 52-0788
 3.25"

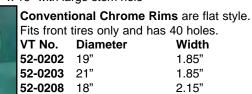
 80 Spoke Chrome Rim Only

 52-0212
 1.85" x 21"

 52-0703
 3.0" x 16" with large stem hole

 52-0704
 3.0" x 16" with small stem hole

 52-0705
 4.0" x 16" with large stem hole



Spoke Thread Protector Sleeves fit over spoke threads during assembly to avoid damage to rim during lacing. VT No. 28-0722 Front Chrc as noted. VT No. S 52-0300 3. 52-0301 2.

Front Chrome Rim and Spoke Kits fit hubs as noted. VT No. Size Hub

VINO.	Size	Hub
52-0300	3.00" x 16"	Steel
52-0301	2.50" x 19"	Alloy
52-0302	1.85" x 21"	Steel



Front Smoothie Wheel Rims feature a smooth profile with chrome on aluminum construction.

VT No. Size 52-0790 16" x 3.0" 52-0791 21" x 2.15"



VT No.	OEM	Size
52-0702	43001-79	19" x 2.50"
52-0701	43662-80B	21" x 2.15"
52-0748	Replica	21" x 2.15"
52-1291		23" x 3.00"

Deluxe Chrome Front Wheel Rims are roll formed of high strength steel and finished with a deluxe chrome finish. Both are drop center style with the rolled-edge design for added strength.

52-0203

All Rims	are 40 ho	ole. *Ex	ccept where noted. Wh	eel Rims		8
52-0226		52-0	699 52-069	2 52-1032	52-0300	52-0691
52-0223		52-	0303 52-0381	52-0435	52-0896	52-0208
16"						0
Chrome 52-0226		3.00"	Brand Perma Chrome, large	Note Drop Center		
52-0699	52-0692	3.00"	As Above, large valve stem	Raw Finish 43006-40		
52-0230	52-0692	3.00"	Black Gloss, Small Side Stem	43006-40 Drop Center/2010-up XL 43085-97 Drop Center, 8.5 mm		
52-0222			Perma Chrome,small	43085-81		
52-0703 52-0704		<u>3.00"</u> 3.00"	With large stem hole With small stem hole		52-0707	52-0768
52-0300	52 0276	3.00"	Steel, small	12006 62	$\langle \rangle$	as.
52-0379 52-0691	52-0376	3.00 3.50"	Police Wheel Rim Perma Chrome	43006-62		
52-0223		4.00"	Perma Chrome V-Twin, large 8.5mm side	Drop Center		10 10
52-0303		4.00"	valve stem hole Replica, large	Drop Center		16 M
52-0381		4.00"	V-Twin, large	Drop Center	hand	
52-0705 52-0228		4.00" 4.50"	with large stem hole Perma Chrome, 2010 XL	Drop Center	52-0202	52-0977
52-0430		5.00"	Perma Chrome	Rim is for use w/180-200 rear tire		1.
<u>52-0433</u> 17"	52-0434		Replica Kelsev Haves			
52-0435		4.50"	Center Hole, 40863-06	2006-up FXD		3
<u>52-0896</u> 18"		6.00"	Center Hole, 41440-08	2008-up FXD		VEA MA
10 52-0027		2.15"				
52-0208	52-0234	2.15"	Front Conventional		52-0785	Se l
<u>52-1018</u>	52-0785	2.15 [°] 2.15"	Steel/Chrome Black Powder	1952-56 K		52-0707
52-0707		2.50"	V-Twin w/Center Hole	A.0		
52-0025	52-0768		WM2 Black Powder	Alloy	\cap	
52-0229			Perma Chrome			
19"		1.05"	Convention -1		1 1	MA W
52-0202 52-0026		1.85" 2.50"	Conventional	Flat style and for front fitment		
52-0028		2.15"	Original Chula Estra VI. 4004.44	72 Front fitmont with driver broke		
52-0977	52-1209		FX 1971-1972 Front fitment with Rolled type edge	972 Front fitment with drum brake, n drum brake	52-0768	52-0702
		2.50"	Perma Chrome	43018-73, 1973-up XL		
<u>52-0713</u> 52-0752		2.50"	DW With Drop Center Hole	43018-73 43001-06		
52-0301		2.50"	Alloy			
52-0977 52-0965		2.50" 2.50"	Drop Center/Chrome Steel/Chrome	1964-72 XL 1964-72 XL		52-0302
52-0702						and the second se
		2.50"	Drop Center w/center valve	43001-79		1. 1.08
52-0969		2.50"	Drop Center w/center valve Steel/Chrome	1952-56 XL	50.0010	Same in the second
52-0969 21 " 52-0212		2.50" 3.15" 1.85"	Steel/Chrome 80 spoke holes	1952-56 XL	52-0212	<u></u> <u>h</u>
52-0969 21" 52-0212 52-0302		2.50" 3.15" 1.85" 1.85"	Steel/Chrome 80 spoke holes Steel		52-0212	
52-0969 21 " 52-0212		2.50" 3.15" 1.85" 1.85" 1.85"	Steel/Chrome 80 spoke holes	1952-56 XL	52-0212	
52-0969 21" 52-0212 52-0302 52-0203 52-0701 52-0748	52-1208	2.50" 3.15" 1.85" 1.85" 1.85" 2.15" 2.15"	Steel/Chrome 80 spoke holes Steel Front Conventional 43662-80B Replica	1952-56 XL Rim and Spoke Kit	52-0212	
52-0969 21" 52-0212 52-0302 52-0203 52-0701 52-0748 52-0788	52-1208	2.50" 3.15" 1.85" 1.85" 1.85" 2.15" 2.15"	Steel/Chrome 80 spoke holes Steel Front Conventional 43662-80B	1952-56 XL Rim and Spoke Kit Drop Center	52-0212	
52-0969 21" 52-0212 52-0302 52-0203 52-0701 52-0748	52-1208	2.50" 3.15" 1.85" 1.85" 1.85" 2.15" 2.15"	Steel/Chrome 80 spoke holes Steel Front Conventional 43662-80B Replica Center valve hole is 8.5mm.	1952-56 XL Rim and Spoke Kit Drop Center	52-0212	

52-0748

52-0788

BIG TWIN



Softail Bucket Saddle



CG Fringed Solo fits 1984-05 Softail. VT No. 47-2022





CG Frame Mount Solo Seats for 1984-2005 are constructed of black Naugahyde on steel base plate for frame mounting without springs.

VT No.	Style
47-8721	Classic
47-8680	Sonora
47-2022	Fringe



CG Leather Solo Saddle for 1984-99 FXST. VT No. 47-0659





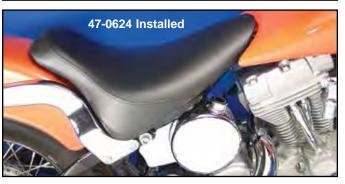
Victory Gunfighter Saddles feature sewn inlay of colored flames on rear pad area with matching flame stitch and thread in front driver area.

2000-05	1984-99	Style/Color
47-2024	47-0588	Teal Flame
47-2028	—	Blue Flame
47-2029	47-0580	Aqua Flame
47-2030	—	Purple Flame
47-2026	47-0565	Orange Flame



Victory Design Originals by Corbin-Gentry with button detailing. 2000-05 1984-99 Style 47-2005 47-2005 MK I









47-0630 Installed





Butt Bucket Saddle fits Softail models. Seats include brackets for direct frame mounting. VT No. Year 47-0623 1984-99 47-0624 2000-05 47-0630 2006-14 47-0645 2006-14 Wyatt

Victory Series Saddles fit 1984-up FXST-FLST models and all Rigid frames. FXST-FLST models require re-use of existing rear tab or can be ordered separately ,VT No. 31-0413 for 1984-99 or 31-0653 for 2000-up and Rigid models.

Victory Series Saddles fit 1984-05 FXST-FLST models and all Rigid frames. FXST-FLST models require re-use of existing rear tab or can be ordered separately, VT No. 31-0413 for 1984-99 or 31-0653 for 2000-up. Rigid frames require purchase of 31-0562 front mount.





FXDWG models





BIG TWIN





Wyatt Solo Bucket Saddle fits FXDWG. VT No. Year 47-0910 1996-2005 47-0603 2006-up

Victory Series for 1984-05 FX-FLST & Rigid





47-2017 С

Victory Series Saddle fits 1984-05 FXST-FLST models and all Rigid frames. FXST-FLST mod-els require re-use of existing rear tab or can be ordered separate-ly, VT No. 31-0413 for 1984-99 or 31-0653 for 2000-05 models. Rigid frames require purchase o 31-0562 front mount.

Victory Smoothie Saddle is a two piece design on a single steel baseplate.

2000-05	1984-99	#	Note
47-2015	—	Α	Concho, chrome spots
47-2016	47-8725	В	Concho, black spots
47-2017	47-8695	С	Fringe, chrome spots







CG Saddles to fit Softail models. Order rear seat tab assembly

separately.		
VT No.	Year	Туре
47-0987	2007-06	Smoothie
47-0996	1986-05	Smoothie
47-0776	2007-up	Cobra
47-0777	2007-up	Touring Bucket
31-0653		Rear Seat Tab Assembly

All Corbin-Gentry Saddles are constructed on a metal baseplate, have a high density molded foam cushion and are covered in premium Naugahyde unless noted as leather.



Rubber Seat Bumper Pad Set fits most seats where they rest on the frame to protect the paint. Includes 4 rubber self stick pads. VT No. 31-0374



Seat Mount Hardware

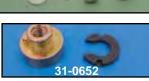


Chrome Billet Rear Set Tab features contoured rear shape, screw included. Kits sit where rear tab is fastened by two screws. VT No. 31-0767









Thread

1⁄4" - 20 UNC

1⁄4" - 28 UNF

Chrome Rear Seat Tab includes chrome spring loaded screw. Order fender nut insert separately.

VT No.	Item	Year
31-0660	Tab	1982-up
31-0661	Tab	1982-up
31-0653	Tab Assembly	2000-up
31-0652	Nut Insert, 4 pack	

00 000 0 0

Seat Bracket Mounting Washers. Nylon 1/4" inner diameter by 9/16" outer diameter, 1/16" thick for 1982-up models to prevent seat bracket from scratching fender. Pack of 25. VT No. 37-8858



Rear Seat Tab Screw Kit includes 1/4 - 20 UNC and 1/4 - 28 UNF threaded knobs and tab cover. VT No. 37-1513





Seat Mount Pins available as quick release push pin in stainless steel or knurled aluminum in chrome or natural finish with O-Ring and extra stud. Thread into existing seat mount hole with 1/41" - 28 UNF threads. Replacement pin available for VT No. 37-8902.

VT No. # Type

37-8902 B Quick Release with Pin

37-9179 C Chrome Knob



Black Button Set with clips, for repairing or installing on custom seats. Set of six. VT No. 47-0602



Chrome Seat Mount Tab. When installing a one piece seat on 1981-84 FXR models, use VT No. 31-4017. Use 31-4018, on 1979-up XL seats. VT No. 31-4013 fits FXWG-FXE-FXST 1973-up rear. Use nylon washer under seat tab.

FITS
Rear FXR
Rear FXE-FXWG
Nylon Washer, 25 Piece



FXST-FLST Seat Tab Knurled Screw Sets are available with 1/2 - 13 UNC. Screw into frame forward of strut mount. Includes O-ring for snug fit. VT No. 37-9125

Seat Mount Kit consists of chrome plated buttonhead hardware and lockwashers for 1987-up Heritage FLST and Fat Boy. VT No. 9915-4

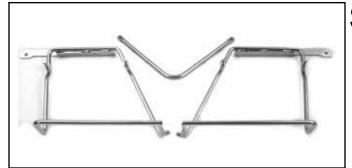


Chrome Seat Mount Bolts for FXR and Road King secure rear of solo. Seat rod holds front of passenger pad firmly in place and allows quick passenger pad removal.

VT No. Thread Fits

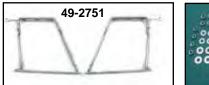
37-0539	⁵/16 - 24 UNF
37-0540	⁵/16 - 18 UNC

1994 FLHR, 1982-89 FXR 1995-up FLHR



Saddlebag Bracket Set includes left and right brackets with rear saddlebag stabilizer bracket for fiberglass saddlebags. Saddlebag bracket set, bottom rail extends out 3½" measuring to the center of the rail. Fits saddlebags that have underneath groove. Fits 1986-up FLST only.

VT No. 49-2752





Saddlebag Mount Kit. Adapts VT No. 49-2521 fiberglass bag set to FXST-FLST models 1986-05. Instructions included. Saddlebag mounting bracket is not included with mount kit use 49-2752 for customers who have bags without brackets. Requires turn signal bracket 31-4006 for use.

Year	Finish
1986-05	Chrome
1986-05	Zinc
	Bracket Zinc
	1986-05

 Fiberglass Saddlebag Rivets, pack of 50.

 VT No.
 OEM
 Length

 37-0566
 90965-63
 5⁄16"

 37-0567
 90966-67
 1⁄4"

 37-0568
 90967-64
 3⁄8"







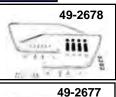
Directional Signal Relocation Kits includes special hardware and extension for models listed to provide clearance for saddle bags.

Fits

VT No.	OEM
31-9913	90504-82A
31-9986	68548-87

1982-89 FXR 1986-up FXST-FXSTS

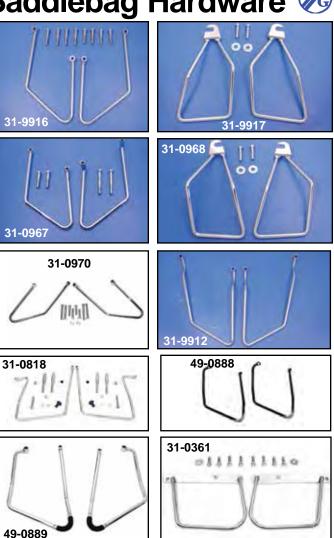
Caliper Guard mounts to axle and keeps saddlebags out of wheels on 1986-up Softail, zinc plated. VT No. 48-0177



Wyatt Gatling Saddlebag Kit includes set of chrome saddlebag adapter brackets for quick release mounting, four bail head studs, four receptacles, four cushions, four grommets, and mounting hardware for the left and right side saddlebags. Fits 1984-up FXST, 1986-up FLST. VT No. Finish

VT No. Finish 49-2677 Black 49-2678 Chrome

Saddlebag Hardware





Chrome Saddlebag Supports are designed to fit the contour of the fender struts and protect your bags from the brake caliper and swing arm.

VT No.	Bolt	Year	Model		
31-9916	2	1984-99	FXST, FLST		
31-0361	2	1984-99	FXST		
31-9917	1	1984-99	FXST, FLST		
31-0967	2	2000-05	FXST, FLST		
31-0968	1	2000-up	FXST, FLST		
31-0970	2	2006-10	FXST, 2007-up FLSTF		
31-9912*	2	1982-94	FXR		
31-0818	2	1991-07	FXD		
		1996-up	FXDWG		
49-0888	2	All	Black		
49-0889	2	All	Chrome		
31-0921	2	2008-up	FXD		

*Note: 1982-89 models require VT No. 31-9913 relocation kit.



Windshield 🗮 national cycle



Deflector Screen LX features rake adjust and quickset hardware. Super tough Lexan hardcoated polycarbonate. Light or medium tint. DOT and TUV approved. Hardware packaged with windshield.

VT No. 51-0244 Medium Tint VT No. 51-0245 1982-94 Light Tint 1993-up 1984-up Size: 1993-up **H:** 14¾" 1989-up **W:** 15" 1994-up Fits all: . 1986-up



Flyscreen LS by National Cycle features Lexan coating and bronze tint Enhances the front end of your bike and is made from durable high impact acrylic material. Includes triple chrome front trim plate and flush countersunk hex bolts which offers a custom fit for motorcycles with open front ends. The bronze tint is light enough to allow the motorcycle details Fits all: 1982-94 to show through. 1993-up Hardware includ-

ed. VT No. 51-0243

FXR FXD FXST
FXST

Size: H: 8½" W: 9.75"

Streetshield is con-

protection. Features

mount. DOT and TUV

approved. Hardware

packaged with wind-

Color

Clear

Smoke

shield.

Size:

H: 17"

W: 161/2"

VT No.

51-0323

51-0324

4 point ball socket

toured to enhance wind

1984-up

1993-up



Streetshield Ex features 4 point ball socket mount with Quikset hardware. DOT approved. Size H: 18" W: 191/4" VT No. 51-0325 Smoke Fits all: 1982-94 FXR 1993-up FXD FXST

1984-up



Streetshield

FXR

FXD

FXST

FXDWG

FXSTS

FLHR

FLST

Fits all: 1982-94 1993-up

51-0323

Clear

. 1984-up ee you on the Web



Lexan Shield fits 1991-05 FXD with 39mm forks.

VT No. 51-0200

FXR

FXD

FXST







50-0603 48-0570

Replica Oval Toolboxes are for right side use and include keys, VT No. 48-3094 is a leather pouch insert for oval tool boxes. Tools not included

VT No.	Finish	Side		
50-0600	Chrome	Right		
50-0605	Chrome	Left		
50-0601	Black	Right		
48-0570		Liner		
50-0603	Key set			
16-1007	Kit	Tool,		
	1989-up FXST, I	FLST		



Order 27-0861 relocated foot peg brackets separately.





FXST-FLST Toolbox Kit is chrome ribbed. Includes two keys, mount bracket, footpeg spacer and hardware. Item

VT No. 1984-99

50-0604*

Right Side Kit 50-1012 Left Side Kit *Note: Fits all 1984-99 FXST models except FLSTF and FLSTN.

2006-up FXD, FXDWG 50-2025 **Right Side**



Brackets Only for Toolbox mounting on 1984-99 Softails.

VT No. Kit Side 31-1986 Kit Right 31-1992 Bracket Right 31-1990 Bracket Right (1986-99) 31-1991 Bracket Left 31-1989 Kit Left

51-0294

FXSTS Windshield is trimmed with mechanically-applied traditional beaded lock. The highly polished chrome mounts attach to the handlebar risers to provide significant clearance for rake and height adjustment. Fits 1989-up FXSTS.

Size: H: 13.25", W: 20", Overall Height: 21" Clear DOT approved. Hardware packaged with windshield. Custom mount to handlebar risers. VT No. 51-0294



Switch Blade Removable Windshield allows installation or removal in four seconds without tools. Available in three sizes for three styles of riding and features 4.0 mm Lexan Polycarbonate with quantum coating in either clean or tint. Also features a key lock for "lock solid" mounting. Order mounting system separately.

SwitchBlade® Quick-Release Windshields Applications									
Model Name	Year	Mount Kit	2-up Clear	Chopped Clear	Chopped Tint	Shorty Clear	Shorty Tint	Deflector Clear	Deflector Tint
FX NARROW GLIDE MODELS	1993-05	31-9936	51-0331	51-0354	51-0359	51-0332	51-0333	51-0334	51-0335
with 39mm Fork Tubes									
FXD/FXDL/FXDX/FXDC Dyna							-		
FXDS Dyna Convertible	1994-00	31-9936	51-0331	51-0354	51-0359	51-0332	51-0333	51-0334	51-0335
FXLR Low Rider Custom	1988-94	31-9936		51-0354	51-0359	51-0332	51-0333	51-0334	51-0335
FXR/FXRS Low Rider	1982-94	31-9936	51-0331	51-0354	51-0359	51-0332	51-0333	51-0334	51-0335
FX NARROW GLIDE MODELS									
with 49mm Fork Tubes									
FXD Super Glide	2006-10	31-9947	51-0352	51-0357	51-0362				
FXD 35th Anniversary Super Glide	2007	31-9947	51-0352	51-0357	51-0362				
FXDC Super Glide Custom	2006-14	31-9947	51-0352	51-0357	51-0362				
FXDB Street Bob	2006-15	31-9947	51-0352	51-0357	51-0362				
FXDL Low Rider	2006-09	31-9947	51-0352	51-0357	51-0362	î 👘	1		
FXDL Low Rider	2014-15	31-9947	51-0352	51-0357	51-0362				
FX WIDE GLIDE MODELS								•	•
with 41mm Fork Tubes									
FXDWG Dyna Wide Glide	1993-05	31-9937	51-0336	51-0355	51-0360	1	51-0338	51-0339	51-0340
FXWG Wide Glide	1980-85	31-9937	51-0336	51-0355	51-0360	i	51-0338	51-0339	51-0340
FXDG Glide	1983	31-9937	51-0336	51-0355	51-0360	i	51-0338	51-0339	51-0340
FX WIDE GLIDE MODELS	1303	101-3337	1 31-0330	1 31-0333	1 31-0300		1 31-0330	31-0333	31-0340
with 49mm Fork Tubes									
	2006 16	24 00 47	E4 0252	E4 0350	E4 0262	r	1	1	
FXDWG Dyna Wide Glide FXST MODELS	2006-16	31-994/	51-0353	51-0358	51-0363	I			l
Softail			1		1				
Softall FXCW Rocker/Rocker C	2008-11	31-9947	51-0352	51-0357	51-0362	<u> </u>	+	+	l
FXCW ROCKER/ROCKER C		31-9947	51-0352	51-0357	51-0362	<u> </u>	51-0338	51-0339	51-0340
FXST Softall Standard	1984-90/	31-9937	51-0336	51-0355	51-0360		51-0338	51-0339	51-0340
	1999-12					ļ			
FXSTB Softail Night Train	1999-09	31-9937	51-0336	51-0355	51-0360	ļ	51-0338	51-0339	51-0340
FXSTC Softail Custom	1987-	31-9937	51-0336	51-0355	51-0360		51-0338	51-0339	51-0340
	99/07-10								
FXSTD Softail Deuce	2000-07	31-9937	51-0336	51-0355	51-0360		51-0338	51-0339	51-0340
FLS MODELS									
Softail (Without Light Bar)									
FLS Softail Slim	2012-15	31-9939	51-0341					51-0344	51-0345
FLST Heritage Softail	1986-90	31-9939	51-0341					51-0344	51-0345
FLSTC Heritage Softail Classic	1987-16	31-9939	51-0341					51-0344	51-0345
FLSTF Fat Boy	1990-16	31-9939	51-0341					51-0344	51-0345
FLSTFB Fat Boy Low/Fat Boy Special	2010-16	31-9939		1				51-0344	51-0345
FLSTFBS Fat Boy S	2016	31-9939						51-0344	51-0345
FLSTN Softail Deluxe**	2005-16	31-9939		1	1	1	1	51-0344	51-0345
FLSTN Heritage Softail Nostalgia	1993	31-9939	51-0341	1	1	1		51-0344	51-0345
FLSTN/H Heritage Softail Special	1994-96	31-9939			1	1		51-0344	51-0345
FLST Heritage Softail	2006	31-9938			1	1		51-0344	51-0345
FLST Heritage Softail	1986-90	31-9938	51-0341	1	İ	İ		51-0344	51-0345
FLSTC Heritage Softail Classic	1987-16	31-9938	51-0341	1	1	1		51-0344	51-0345
FLSTF Fat Boy	1990-16	31-9938	51-0341		1	1		51-0344	51-0345
FLSTFB Fat Boy Low/Fat Boy Special	2010-16	31-9938		†	i	i – – – – – – – – – – – – – – – – – – –	1	51-0344	51-0345
FLSTFBS Fat Boy S	2016	31-9938	51-0341	1	i	i	1	51-0344	51-0345
FLSTN Heritage Softail Nostalgia	1993	31-9938	51-0341	1	i	i	1	51-0344	51-0345
FLSTN(H) Heritage Softail Nostaigia	1994-96	31-9938	51-0341	1	1	1	1	51-0344	51-0345
TEO TATA TETRAYE OUTAIL OPECIAL	1334-30	101-3330	101-0041	1	1	L	1	51-0344	01-0040



National Cycle Wave QR Windshield manufactured from dark tint polycarbonate that features free flowing lines, adjustable rake partitioning and quick release mounting. Order mounting hardware separately.

VT No.	Fits	Mounting Hardware		
51-0280	2006-up FXD	31-9947		
51-0281	1994-up FLHR	31-9946		
51-0282*	1986-up FLST	31-9939		
*Note: Will not work with spotlight bar				



National Cycle Spartan Quick Release Windshield features a full size quantum clear hand coated polycarbonate windshield, quick release hardware and a black powder coated mounting frame. Available in 16¹/₄" and 18¹/₂" heights. Height is measured from head lamp cutout to top of shield.

Silleiu.				
VT No.	Height	Fits	Mounting Hardware	
51 -02 84	16¼"	1986-up FLST	31-9939*	
51-0285	16¼"	2006-up FXD	31-9947	
51 -0286	18½"	1986-up FLST	31-9939*	
51-0287	18½"	2006-up FXD	31-9938	477
*Note: When installing shield with spotlight bar use 31-9938 kit				477





221/4" W: 221/2" Clear Top. Colored Lower, DOT approved. Hardware sold separately. VT No. Color 51-0239 Clear 51-0251 Black Fits all: **Mount Kit Required** 1984-up FXST 31-9932 1993-up FXDWG 31-9932 1986-up FLST 31-9934 1990-up FLSTF

31-9934 1993-up FLSTN 31-9934





221/2" Light Tint. DOT and night use approved. Hardware sold separately.

VT No. 51-0300 Fits all:

VT No. 51-0302			
1993-up	FLSTN		
1990-2008	FLSTF		
1986-1990	FLST		
1986-1990	FLST		
1993-2005	FXDWG		
1999-2007	FXST		
1984-1990	FXST		

Mount Kit Required 31-9932 31-9932 31-9932 31-9934 31-9934 31-9934 31-9934 Mount Kit Required





FLSTC Replacement Polycarbonate Shield features predrilled mounting holes for use with stock mounting hardware and is 33% thicker than original windshield Available in 20" tall clear or 133/4" tall dark tint. Fits 1995-up FLSTC.

VT No. Height Color 51-0418 20" Clear 51-0419 14¹/4" Dark Tint 51-0364 FLST Light Tint







Touring Heavy Duty. Maximum protection on the road. A great look on a large cruiser. Size: H: 191/2" to 221/2" W: 221/4" Light Tint, DOT approved. Approved for night use. Hardware sold separately. VT No. 51-0242 **Mount Kit Required**

Fits all: 1984-up FXST 1993-05 FXDWG 1993-up FLST 1990-up FLSTF 1993-up FLSTN 1993-up FLHS

Shield

31-9932 31-9932 31-9934 31-9934 31-9934 31-0438



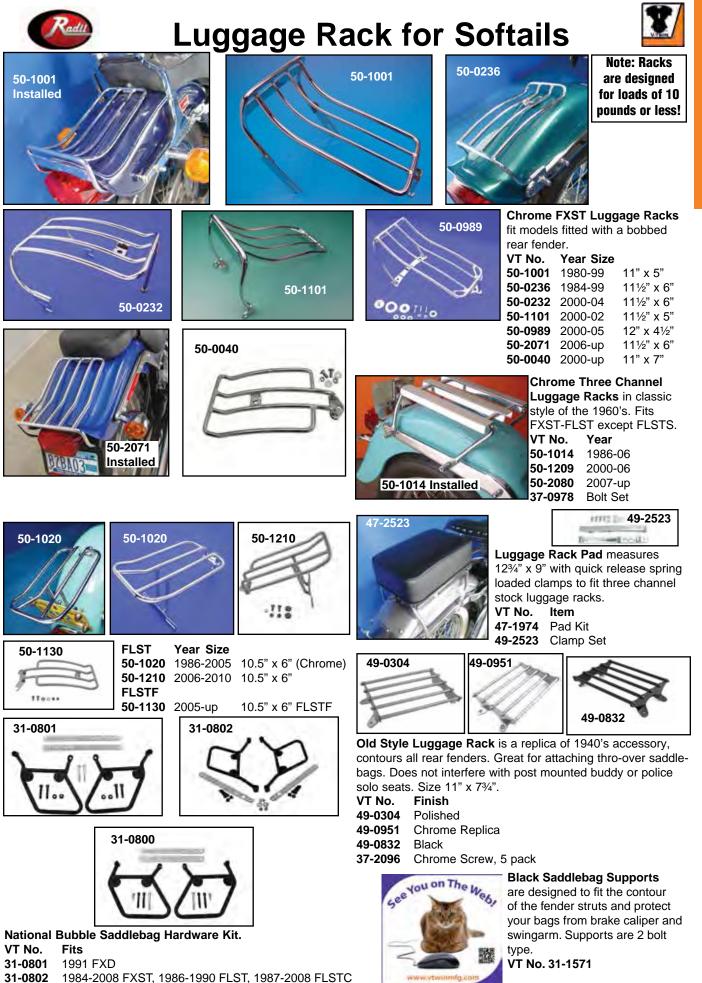
Chrome Wind Deflectors mount onto fork brackets.

CHIOME WING Denectors mount on				
VT No.	Year	Fits		
50-1008	1983-up	FLHT/FLHR		
50-1067*	1986-up	FLST		
50-0724	1986-up	FLST, Black		
50-0726	1986-up	FLST, Chrome		
*Noto: Con only he used with king si				

*Note: Can only be used with king size windshields or spotlamp bracket.



Chrome Tie Down Brackets. These chrome tie down brackets mount to the front fork cover and provide a secure point to attach tie downs. Fits 2000-up FLST and 1995-up FLH. VT No. 31-0025



31-0800

1994-up XL

BIG TWIN

