

Anti-Rotation Bracket.....	498
Bearing Protector Tools.....	494
Boring Plate Kits	495
Cam Alignment Tools.....	494
Carburetor Jet Kits.....	500
Champion® Spark Plugs	499
Compression Release Socket Kit.....	495
Connecting Rod Checking Pins	495
Crankcase Oil Passage Drilling Jig	498
Crankpin Nut Clearancing Gauges	498
Cylinder Torque Plate Kits	496
Degree Wheel Kit.....	497
Engine Stands	502
Flywheel Balancing Kits	492
Flywheel Tools	493
Inner Primary Bearing Race Installer ...	494
Main Bearing Installation Tool	494
Main Jet Tool	495
Oil Filters.....	499
Rocker Cover Wrench Set.....	495
S&S® Oil.....	499
Tappet Block Alignment Tool.....	498
Top Dead Center Tool.....	495
Top End Tools.....	495
Touch Up Paint, Lubricant, Sealants	502
X-Wedge® Tools	494

FLYWHEEL BALANCING KITS

THE S&S® MASTER FLYWHEEL BALANCING KIT

Description	Part #	MSRP
Designed to allow the average shop to rebalance stock and S&S flywheels accurately and quickly. Whether doing a stock rebuild or a performance upgrade using aftermarket parts, flywheel rebalancing is a desirable step in the engine building process. A complete set of detailed instructions is furnished with each kit. For flywheels with tapered crankpins only.	53-0027	\$1,298.57

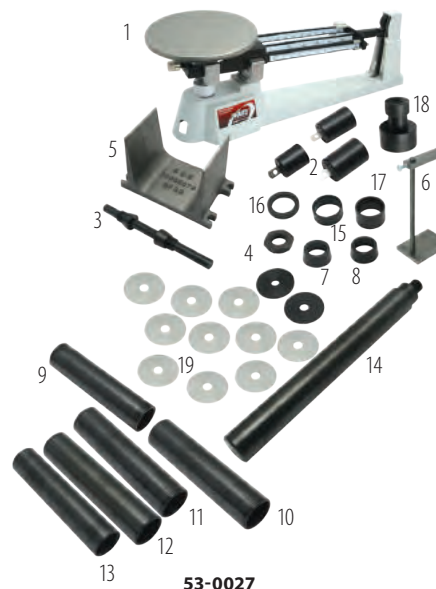
Replacement Parts

1. Balance, Triple Beam Platform	N/A	-
2. Replacement balance weight set, (1-500g 2-1000g)	53-0021	\$114.29
3. Balance shaft, 1936-'71 OHV BT and 1957-'71 XL	53-0090	\$57.66
4. Balance shaft nut (each)	53-0092	\$13.03
5. Balance stand (each)	53-0088	\$108.97
6. Rod support stand (each)	53-0089	\$52.95
7. Taper adapter, 1972-Early '81 BT (each)	53-0086	\$16.95
8. Taper adapter, Late 1981-'85 BT and S&S BL, SE, SL style (each)	53-0087	\$17.62
9. Shaft adapter, 1977-up XL driveside (screws on) (each)	53-0093	\$117.77
10. Shaft adapter, 1977-up XL camside (screws on) (each)	53-0095	\$104.78
11. Shaft adapter, 1955-'99 BT driveside (screws on) (each)	53-0091	\$110.68
12. Shaft adapter, 1958-'92 BT camside (LH, screws on) (each)	53-0101	\$98.90
13. Shaft adapter, 1993-'99 BT camside (RH, screws on) (each)	53-0102	\$99.80
14. Shaft adapter, counterweight (each)	53-0099	\$98.90
15. Collar spacer, 1970-'99 BT (each)	53-0097	\$23.50
16. Collar spacer, 1986-'90 driveside for XL - .280" (each)	53-0098	\$11.73
17. Collar spacer, 1991-up driveside for XL - .860" (each)	53-0085	\$8.48
18. Bob weight assembly, 1000 gram (each)	53-0094	\$96.55

Repair parts for 53-0094

Screw SHC, 1/2" - 13 x 3/4"	Each	50-0200	\$1.73
Screw SHC, 1/2" - 13 x 1 1/4"	Each	50-0201	\$1.73

19. Shims			
2.7 gram	Each	53-0110	\$2.19
5.4 gram	Each	53-0105	\$3.53
8.1 gram		53-0115	\$1.17
10.8 gram		53-0120	\$2.36
13.4 gram	Each	53-0125	\$1.84
50 gram		53-0150	\$7.29
100 gram 25566-06		53-0100	\$0.99
20. Shim Kit			
Includes: Shims (2 each) 2.7, 5.4, 8.1, 10.8, and 13.4 grams & Shims (1 each) 50 grams and 100 grams		53-0111	\$57.99



S&S® FLYWHEEL BALANCE KITS

Master Balance Kit Without Balance Scale

Includes all parts in #53-0027, except balance & platform scales	53-0028	\$833.19
------------------------------------------------------------------	----------------	----------

Triple Beam Platform Balance Scale

(2610 grams\maximum) without weights	53-0011	\$407.91
--------------------------------------	----------------	----------

Flywheel Balance Kit For 5-Piece Cranks

For 5-Piece Crank	53-0012	\$435.00
-------------------	----------------	----------

Includes:

3. Balance shaft	53-0090	\$57.66
4. Balance shaft nut	53-0092	\$13.03
5. Balance stand	53-0088	\$108.97
6. Rod support stand	53-0089	\$52.95
7. Taper adapter	53-0086	\$16.95
8. Taper adapter	53-0087	\$17.62
18. Bob weight 1000 gram	53-0094	\$96.55
19. Shims (See previous page for individual part numbers)		

Flywheel Balance Kit For 3-Piece Cranks

For Harley-Davidson® Evolution® and Sportster® Models	53-0015	\$582.76
-------------------------------------------------------	----------------	----------

Includes:

9. Driveside adapter sleeve for 1977-up Sportster	53-0093	\$117.77
10. Camside adapter sleeve for 1977-up Sportster	53-0095	\$104.78
11. Driveside adapter sleeve for 1955-'99 Big Twin	53-0091	\$110.68
12. Camside adapter for 1958-'92 Big Twin	53-0101	\$98.90
13. Camside adapter for 1993-'99 Big Twin	53-0102	\$99.80
14. Shaft counterweight	53-0099	\$98.90
15. Collar spacer for 1970-'99 Big Twin	53-0097	\$23.50
16. Collar spacer for 1986-'90 Sportster	53-0098	\$11.73
17. Collar spacer for 1991-up Sportster	53-0085	\$8.48

NOTE

These balancing kits will not work with Harley-Davidson® Twin Cam 88° engines, 2000-up Sportster models, or any flywheel assemblies which use pressed-in crankpins.



53-0015



53-0028



53-0012

FLYWHEEL ASSEMBLY FIXTURE & TRUING SPANNER

- Includes a massive fixture to hold the flywheels, flywheel clamps and hardware to mount the flywheel to the fixture, and a spanner bar plate to be used with a length of steel pipe to fabricate a long spanner bar for truing adjustments.
- Allows the assembler to torque the mainshaft and crankpin nuts to our higher than stock torque specs. (We recommend using a torque multiplier.) Once the flywheels are assembled, the spanner bar (some assembly required) can be used to shift the flywheels in order to bring the mainshafts into true. This method is much easier, faster, and safer than hitting the flywheels with a lead or brass hammer to true the assembly.
- Works for stock and S&S flywheels for 1936-'99 big twin and 1957-'03 Sportster® models.



106-0552

FLYWHEEL ASSEMBLY FIXTURE

Description	Part #	MSRP
Includes clamps, plate, and hardware	106-0552	\$672.39

REPLACEMENT PARTS

Flywheel Fixture Clamp	106-0483	\$71.55
Spanner Bar Plate	106-0783	\$78.88
Hardware Kit, Flywheel Fixture <i>(includes dowel pins, nuts and screws)</i>	106-0782	\$52.95

BEARING PROTECTOR TOOLS FOR S&S® X-WEDGE® ENGINES

FEATURES AND BENEFITS

- Slips over the bearing surface of the X-Wedge crankshaft to prevent damage to the surface of the main bearing journal when mounting the crank on an S&S flywheel assembly fixture
- The flanged sleeve offers protection against scratches and dents
- It can also be used on the sprocket side of Victory® crankshafts
- Made of billet aluminum



Easy as 1-2-3! 106-2859 crankcase bearing protector installs in seconds, and not only protects the crankcase main bearing insert from the sharp surfaces on the sprocket shaft, but also guides the crankshaft into the bearing.



BEARING PROTECTOR TOOLS

Description	Part #	MSRP
Crankshaft Main Bearing Protector	106-2858	\$36.95
Crankcase Main Bearing Insert Protector	106-2859	\$54.13

CAM ALIGNMENT TOOLS FOR X-WEDGE® ENGINES

- Three dowel pins are used to position each of the three cam belt pulleys with alignment holes in the cam plate



106-0750

CAM ALIGNMENT TOOLS

Description	Part #	MSRP
Cam Alignment Dowels 3 pack	106-0576	\$21.00
Cam Belt Tensioner Socket	106-0750	\$53.55

MAIN BEARING INSTALLATION TOOL FOR X-WEDGE® ENGINES

- Consists of a bearing guide that holds the two plain bearing halves in position and a shouldered press tool that fits through the guide to press the new bearings into the crankcase
- The press tool is also used by itself to press old bearings out of the crankcase
- For cam and driveside bearings in X-Wedge engines
- A hydraulic or arbor press is required to install or remove bearings.



MAIN BEARING INSTALLATION TOOL FOR X-WEDGE® ENGINES

Main Bearing Installation Kit	106-0718	\$89.45
-------------------------------	-----------------	---------

PRIMARY INNER BEARING RACE INSTALLATION TOOL

- Primary inner bearing race installation tool, with a roller thrust bearing that decreases the effort required to install a bearing race by 30%
- Attachment for the S&S Clutch Puller that allows easy removal of the primary inner bearing race
- All of these S&S tools are CNC machined from the finest 4140 tool steel and heat treated for maximum reliability and service life.



PRIMARY INNER BEARING RACE INSTALLATION TOOL

Inner Primary Bearing Race Installer	56-5145	\$237.83
--------------------------------------	----------------	----------

TOP DEAD CENTER TOOL

- Easy to find the exact top dead center of any engine
- The best way to calibrate your degree wheel when dialing in cams or performing any number of checks and modifications based on the position of the crankshaft
- Available for engines with 14mm or 12mm spark plug holes.



53-0322



53-0040



53-0452



53-0045

NOTE

Rocker covers must be removed when installing S&S compression releases. If lack of frame clearance prevents removal of rocker covers, engine must be removed from frame for compression release installation.

S&S® TOP DEAD CENTER TOOL

Description	Part #	MSRP
14mm	53-0321	\$41.34
12mm	53-0322	\$41.34

S&S ROCKER COVER WRENCH SET

Helpful in areas where the motorcycle frame may prevent the use of conventional tools.	53-0040	\$105.96
----------------------------------------------------------------------------------------	----------------	----------

CONNECTING ROD CHECKING PINS

These pins are used to check alignment of connecting rods and wristpin bushings with crankcase cylinder decks.

.927"	53-0004	\$37.95
-------	----------------	---------

S&S COMPRESSION RELEASE SOCKET KIT

Allows in-frame installation of S&S compression releases and protects wiring from damage during installation.	53-0045	\$98.90
---------------------------------------------------------------------------------------------------------------	----------------	---------

MAIN JET TOOL

For changing main jets in all S&S carburetors using #72 series jets.	53-0452	\$19.57
----------------------------------------------------------------------	----------------	---------

BORING PLATE KITS FOR CYLINDER HEADS AND CRANKCASE

- Designed to simplify and reduce the time required to prepare crankcases and cylinder heads for S&S® Sidewinder® big bore kit installations
- Machined cast iron with precision ground working surfaces

BORING PLATE KIT

FOR 1936-99 BIG TWIN AND 1986-'03 SPORTSTER® MODELS

Description	Part #	MSRP
This boring plate kit has panhead and shovelhead head bolt patterns in one end. The other end is machined with the cylinder base patterns of 1936-'99 big twin engines, and 1986-'03 Harley-Davidson® Sportster models. Spacers are available for Evolution® engines which allow the cases to be bored without removing the cylinder studs (see below). Spacers are not included in this kit.		
Kit	53-0006	\$440.86
Boring plate (1)	N/A	
Screw, 7/16" -20 x 1 1/4" Sockethead Cap	50-0172	\$1.89

SPACERS FOR EVOLUTION CRANKCASES

Spacer part #53-0007 is required for 1986-'03 Sportster models. Spacers part #53-0007 and #53-0008 are both required for 1984-'99 big twin engines.

3 1/16" tall	53-0007	\$68.57
7/8" tall	53-0008	\$42.34

BORING PLATE KIT

FOR CRANKCASES & CYLINDERS FOR TWIN CAM 88® ENGINES

This boring plate kit is designed for boring stock crankcases of Harley-Davidson® Twin Cam 88® engines to accept S&S Super Sidewinder® 4" and 4 1/8" bore cylinders with stock cylinder stud pattern. A spacer is included with the kit which allows the cases to be bored without removing the cylinder studs.

Kit	53-0035	\$378.04
Boring plate	53-0036	\$258.38
Spacer, 3 3/4" tall	53-0037	\$232.99



53-0006



53-0007



53-0008



53-0035

CYLINDER TORQUE PLATE KITS

FITMENT

- S&S 4 $\frac{1}{8}$ " bore
- 4" bore 1999-up big twin
- 3 $\frac{5}{8}$ " 1984-'99 big twin
- Harley-Davidson® Sportster® models in 3 $\frac{5}{8}$ " and 4" bore
- S&S X-Wedge® 4 $\frac{1}{8}$ " bore and 4 $\frac{1}{4}$ " bore*

FEATURES AND BENEFITS

- S&S torque plates can be used in conjunction with an S&S boring fixture and a conventional boring bar, and they can be readily adapted to a Sunnen® type honing machine.

KIT CONTENTS

- Head end plate
- Base end plate
- Four long grade 8 socket head cap screws (holds the assembly together and supplies the pressure)
- Stop arm (keeps the cylinder and plates from turning while honing)

*These torque plates are required to bore or hone X-Wedge cylinders. They have the X-Wedge five bolt pattern and are available for 4 $\frac{1}{8}$ " bore and 4 $\frac{1}{4}$ " bore cylinders.

CYLINDER TORQUE PLATE REPLACEMENT PARTS

(See chart for specific part numbers.)

1. Base end torque plate
2. Head end torque plate
3. Stop arm
4. Torque bolts
5. Vise tab
6. Tab bolt



S&S® CYLINDER TORQUE PLATE KITS AND REPLACEMENT PARTS

Bore Size	Case Bolt Pattern	Kit Part No.	Head End Plate	Base End Plate	Stop Arm	Bolt 3/8"-24 x 6"	Bolt 7/16"-20 x 6"	Bolt 7/16"-20 x 7"	Vise Tab	Tab Bolt 5/16"-18 x 1"
4 $\frac{1}{8}$ " - 4 $\frac{1}{4}$ "	S&S® X-Wedge®	106-0836	106-0837	106-0835	53-0014	106-0840	—	—	53-0034	50-0108
4 $\frac{3}{8}$ " - 4 $\frac{7}{16}$ "	S&S 4 $\frac{3}{8}$ " Pattern	53-0055	53-0056	53-0057	53-0014	—	—	50-0192	53-0034	50-0108
4 $\frac{1}{8}$ "	Stock 1999-up Big Twin	53-0054	106-3190	106-3191	53-0014	—	—	50-0192	53-0034	50-0108
4 $\frac{1}{8}$ "	S&S 4 $\frac{1}{8}$ " Pattern	53-0051	53-0052	53-0053	53-0014	—	50-0191	—	53-0034	50-0108
3.927" - 4"	Stock 1999-up Big Twin	53-0048	53-0049	53-0050	53-0014	—	—	50-0192	53-0034	50-0108
4"	S&S 4" Pattern	53-0030	53-0031	53-0032	53-0014	—	50-0191	50-0192	53-0034	50-0108
3 $\frac{5}{8}$ "	1984-'99 Big Twin	53-0016	53-0017	53-0018	53-0014	—	—	50-0192	53-0034	50-0108
3 $\frac{5}{8}$ "	1984-'03 Sportster®	53-0016	53-0017	53-0018	53-0014	—	—	50-0192	53-0034	50-0108

S&S Cylinder torque plate kits are intended for aluminum cylinders including 1984-'99 Harley-Davidson® Evolution® big twin engines, 1986-'03 Sportster models, and 1999-up Twin Cam 88® engines.

S&S® CYLINDER TORQUE PLATE KITS

Bore Size	Case Bolt Pattern	Part #	MSRP
4 $\frac{1}{8}$ " - 4 $\frac{1}{4}$ "	S&S® X-Wedge®	106-0836	\$423.95
4 $\frac{3}{8}$ " - 4 $\frac{7}{16}$ "	S&S 4 $\frac{3}{8}$ " Pattern	53-0055	\$575.42
4 $\frac{1}{8}$ "	Stock 1999-up Big Twin	53-0054	\$595.02
4 $\frac{1}{8}$ "	S&S 4 $\frac{1}{8}$ " Pattern	53-0051	\$575.42
3.927" - 4"	Stock 1999-up Big Twin	53-0048	\$601.56
4"	S&S 4" Pattern	53-0030	\$575.42
3 $\frac{5}{8}$ "	1984-'99 Big Twin	53-0016	\$525.71
3 $\frac{5}{8}$ "	1984-'03 Sportster®	53-0016	\$525.71

S&S Cylinder torque plate kits are intended for aluminum cylinders including 1984-'99 Harley-Davidson® Evolution® big twin engines, 1986-'03 Sportster models, and 1999-up big twin engines.

HEAD END PLATE

Bore Size	Case Bolt Pattern	Part #	MSRP
4 1/4"	S&S® X-Wedge®	106-0837	\$208.95
4 3/8"	S&S 4 3/8" Pattern	53-0056	\$272.11
4 1/8"	Stock 1999-up Big Twin	106-3190	\$273.21
4 1/8"	S&S 4 1/8" Pattern	53-0052	\$285.71
4"	Stock 1999-up Big Twin	53-0049	\$273.28
4"	S&S 4" Pattern	53-0031	\$260.87
3 5/8"	1984-'99 Big Twin	53-0017	\$260.87
3 5/8"	1984-'03 Sportster®	53-0017	\$260.87

BASE END PLATE

Bore Size	Case Bolt Pattern	Part #	MSRP
4 1/4"	S&S® X-Wedge®	106-0835	\$208.95
4 3/8"	S&S 4 3/8" Pattern	53-0057	\$263.36
4 1/8"	Stock 1999-up Big Twin	106-3191	\$260.78
4 1/8"	S&S 4 1/8" Pattern	53-0053	\$260.87
4"	Stock 1999-up Big Twin	53-0050	\$260.87
4"	S&S 4" Pattern	53-0032	\$260.87
3 5/8"	1984-'99 Big Twin	53-0018	\$260.87
3 5/8"	1984-'03 Sportster®	53-0018	\$260.87

STOP ARM

Bore Size	Case Bolt Pattern	Part #	MSRP
All	All	53-0014	\$47.08

BOLT 3/8"-24 X 6"

Bore Size	Bore Size	Part #	MSRP
4 1/4"	S&S® X-Wedge®	106-0840	\$5.50

BOLT 7/16"-20 X 6"

Bore Size	Case Bolt Pattern	Part #	MSRP
4 1/8"	S&S® 4 1/8" Pattern	Each	50-0191 \$14.98
		4 pack	50-0191P \$57.25
4"	S&S 4" Pattern	Each	50-0191 \$14.98
		4 pack	50-0191P \$57.25

BOLT 7/16"-20 X 7"

Bore Size	Case Bolt Pattern	Part #	MSRP
4 3/8"	S&S 4 3/8" Pattern	Each	50-0192 \$26.23
		4 pack	50-0192P \$107.14
4 1/8"	Stock 1999-up Big Twin	Each	50-0192 \$26.23
		4 pack	50-0192P \$107.14
4"	Stock 1999-up Big Twin	Each	50-0192 \$26.23
		4 pack	50-0192P \$107.14
4"	S&S 4" Pattern	Each	50-0192 \$26.23
		4 pack	50-0192P \$107.14
3 5/8"	1984-'99 Big Twin	Each	50-0192 \$26.23
		4 pack	50-0192P \$107.14
3 5/8"	1984-'03 Sportster®	Each	50-0192 \$26.23
		4 pack	50-0192P \$107.14

VISE TAB

Bore Size	Case Bolt Pattern	Part #	MSRP
All	All	53-0034	\$28.79

TAB BOLT 5/16"-18 X 1"

Bore	Case Bolt Pattern	Part #	MSRP
All	All 3987	Each	50-0108 \$1.05

DEGREE WHEEL KIT

- Multipurpose S&S® degree wheel can be used to do ignition timing, crankcase breather timing, cam degreeding, or you name it
- Designed to fit the sprocket shaft of any big twin or Harley-Davidson® Sportster® model simply by using the correct adapter provided
- Each kit also comes with a pointer which is held in place with the center crankcase bolt



S&S DEGREE WHEEL KIT

Description	Part #	MSRP
Kit	53-0020	\$114.11
Adapter for Sportster® models (1 Each)	53-0023	\$11.73
Adapter for big twin (1 Each)	53-0024	\$11.02
Pointer (1 Each)	53-0025	\$6.47
Degree wheel and main adapter assembly (1 Each)	53-0026	\$63.56

CRANKPIN NUT CLEARANCING GAUGES

- Designed to simplify and eliminate clearancing problems that may arise when installing stroker flywheels in stock big twin crankcases
- By painting the bosses to be clearanced and then placing the appropriate gauge on the main bearing race, the crankcases can be marked with a scribe in the proper hole for the stroke and style connecting rod crankpin nuts to be used—*quickly and precisely.*



S&S® CRANKPIN NUT CLEARANCING GAUGES

Description	Part #	MSRP
1958-'99 Big Twin Gauge	53-0005	\$30.03

ANTI-ROTATION BRACKET

This handy bracket slides over the sprocket shaft splines of big twin engines and bolts to one of the primary bolt holes of the crankcase to keep the crank from rotating. It's like an extra set of hands while installing pistons and cylinders.



50-9870

Fitment	Part #	MSRP
1970-2006 Big Twin (except '06 Dyna®)	50-9870	\$12.23
2007-up Big Twin, 2006 Dyna®	530-0018	\$16.03

CRANKCASE OIL PASSAGE DRILLING JIG

DRILL JIG IS USED TO DRILL...

- Primary chain oil supply passage from the breather valve gear cavity to the back side of the oil pump body on late generator and early alternator crankcases.
- Pressure relief passage from behind the main oil pressure valve to the gear cavity on alternator crankcases.
- Crankshaft and main bearings supply passage on generator crankcases.
- Crankshaft and main bearings supply passage on early alternator crankcases.



S&S CRANKCASE OIL PASSAGE DRILLING JIG

Description	Part #	MSRP
The S&S crankcase oil passage drilling jig is used to perform crankcase drilling modifications when installing an S&S oil pump assembly on early big twin crankcases. Made of hardened steel for durability, this fixture enables the builder to do four modifications.	53-0013	\$51.77

TAPPET BLOCK ALIGNMENT TOOL

- Aligns tappet block so the tappet rollers run straight on the cam lobe to prevent camshaft wear



S&S® TAPPET BLOCK ALIGNMENT TOOL

Description	Part #	MSRP
Tool, Tappet Guide, Alignment	530-0014	\$16.01

S&S® OIL

FEATURES AND BENEFITS

- Ultimate protection
- Superior lubrication for reduced engine wear and lower oil temperatures
- Provides consistent viscosity, and resists thermal breakdown and oxidation at elevated temperatures
- Oil Change Kits now available



S&S® OIL CHANGE KIT

Description	Part #	MSRP
Harley-Davidson® big twin & Sportster® Models with Evolution® engines (using OEM filter #63796-77A, 63806-83, 63805-80A)	3601-0412	\$72.95
Harley-Davidson® Twin Cam 88°/96°/103°/110° engines (using OEM filter #63798-99, 63731-99A)	3601-0413	\$72.95



S&S® OIL

Description	Part #	MSRP
20W50 Synthetic, 1 quart	3601-0407	\$14.95
20W50 Synthetic, 2.5 Gallon	3601-0408	\$139.95
Primary, Synthetic, 1 quart	3603-0044	\$14.95
80W140 Gear, Synthetic, 1 quart	3604-0007	\$14.95
Chain/Gear, Synthetic, 1 quart	3604-0008	\$18.95

OIL FILTERS

FEATURES AND BENEFITS

- Captures smaller particles than stock filters
- Low restriction to oil flow
- Direct bypass — bypass oil does not pass over dirty filter media
- Smaller diameter for easier installation
- Black or chrome finish



S&S® OIL FILTERS

Year Application	Micron Rating	QTY	Chrome	MSRP	Black	MSRP
1984-'99 Evolution®, 1986-'17 XL and 1991-'02 Buell®	30μ	each	31-4102 63796-77A	\$16.03	31-4101 63805-80A	\$13.11
		12 pack	310-0240 63796-77A	\$188.50	310-0239 63805-80A	\$141.34
1999-'17* Twin Cam 88°/96°/103° and all X-Wedge®	10μ	each	31-4104 63798-99A	\$16.03	31-4103 63731-99A	\$13.11
		12 pack	310-0242 63798-99A	\$188.50	310-0241 63731-99A	\$141.34

* Contains an anti-drain back valve

CHAMPION® SPARK PLUGS



55-1322

CHAMPION® SPARK PLUGS

Application	Size	QTY	Part No.	MSRP
Twin Cam 88°/96°/103°, Sportster®, X-Wedge® & S&S 4 1/8" bore engines	12mm Long Reach Champion® #RA8HC	each	55-1320 32317-86A, 32362-04	\$6.95
		2 pack	55-1322 32317-86A, 32362-04	\$12.25
Evolution®, Vintage Models (SH-Series, Iron XL, KN-Series, P-Series) & S&S 3 3/8" & 4" bore engines	14mm Long Reach Champion® #RN12YC	each	55-1321 32342-04, 32311-83	\$5.33
		2 pack	55-1323 32342-04, 32311-83	\$9.47

JETS & CARB REBUILD KITS FOR S&S SUPER E & G CARBURETORS

For those who need to rejet their carburetor because of engine modifications, exhaust modifications, or changes in altitude, we have extra jet kits available which are designed to cover most jetting situations.

DEALER JET KITS

Description	Part No.	MSRP
S&S Carb Parts Kit (Contains needed parts to maintain S&S Super E and G carburetors)	11-3103	\$355.96
S&S Jet Kit (Includes 3 each of all intermediate jets and 5 each of all main jets, plus a main jet tool)	11-3102	\$331.93

JET PACKS

Description	Part No.	MSRP
Low Range Jet Pack – For jetting most stock and moderate performance engines.		
Includes one each intermediate jets (.025", .0265", .028", .0295") one each main jets (.062", .064", .066", .068", .070", .072", .074").	11-7270	\$49.25
High Range Jet Pack – For jetting some stock and all performance engines.		
Includes one each intermediate jets (.0295", .031", .032", .033") and one each main jets (.072", .074", .076", .078", .080", .082", .084").	11-7271	\$49.25
Master Jet Pack – For jetting all Super B, E, and G equipped engines.		
Includes one each intermediate jets (.025", .0265", .028", .0295", .031", .032", .033") and one each main jets (.062", .064", .066", .068", .070", .072", .074", .076", .078", .080", .082", .084").	11-7272	\$84.92

INTERMEDIATE JETS - SERIES #94 INDIVIDUAL SELECTION

Size	QTY	Part No.	MSRP	Size	QTY	Part No.	MSRP
.025	each	11-0250	\$9.22	.032	each	11-0320	\$9.22
	3 pack	11-7107	\$25.12		3 pack	11-7112	\$25.12
.0265	each	11-0265	\$9.24	.033	each	11-0330	\$9.22
	3 pack	11-7108	\$25.12		3 pack	11-7113	\$25.12
.028	each	11-0280	\$9.24	.036	each	11-0360	\$9.22
	3 pack	11-7109	\$25.12		3 pack	11-7114	\$25.12
.0295	each	11-0295	\$9.24	.040	each	11-0400	\$9.22
	3 pack	11-7110	\$25.12		3 pack	11-7115	\$25.12
.031	each	11-0310	\$9.22	Blank	each	11-0000	\$9.22
	3 pack	11-7111	\$25.12				

Early Series #94 gas jets were stamped with single digit numbers. Conversions for these numbers are:

1.....	.025"	4.....	.033"
2.....	.028"	5.....	.036"
3.....	.031"	6.....	.040"

NOTES

No returns or exchanges on jets.
Refer to Section 8: Racing for the S&S fuel and turbo carburetors.



11-3103



11-3102



11-7272



106-3517

MAIN JETS - SERIES #72 INDIVIDUAL SIZE SELECTION

Size	QTY	Part No.	MSRP	Size	QTY	Part No.	MSRP
.040	each	11-4040	\$8.07	.080	each	11-4080	\$8.07
	5 pack	11-7220	\$36.66		5 pack	11-7240	\$36.66
.042	each	11-4042	\$8.07	.082	each	11-4082	\$8.07
	5 pack	11-7221	\$36.66		5 pack	11-7241	\$36.66
.044	each	11-4044	\$8.07	.084	each	11-4084	\$8.07
	5 pack	11-7222	\$36.66		5 pack	11-7242	\$36.66
.046	each	11-4046	\$8.07	.086	each	11-4086	\$8.07
	5 pack	11-7223	\$36.66		5 pack	11-7243	\$36.66
.048	each	11-4048	\$8.07	.088	each	11-4088	\$8.07
	5 pack	11-7224	\$36.66		5 pack	11-7244	\$36.66
.050	each	11-4050	\$8.07	.090	each	11-4090	\$8.07
	5 pack	11-7225	\$36.66		5 pack	11-7245	\$36.66
.052	each	11-4052	\$8.07	.092	each	11-4092	\$8.07
	5 pack	11-7226	\$36.66		5 pack	11-7246	\$36.66
.054	each	11-4054	\$8.07	.094	each	11-4094	\$8.07
	5 pack	11-7227	\$36.66		5 pack	11-7247	\$36.66
.056	each	11-4056	\$8.07	.096	each	11-4096	\$8.07
	5 pack	11-7228	\$36.66		5 pack	11-7248	\$36.66
.058	each	11-4058	\$8.07	.098	each	11-4098	\$8.07
	5 pack	11-7229	\$36.66		5 pack	11-7249	\$36.66
.060	each	11-4060	\$8.07	.100	each	11-4100	\$8.07
	5 pack	11-7230	\$36.66		5 pack	11-7250	\$36.66
.062	each	11-4062	\$8.07	.102	each	11-4102	\$8.07
	5 pack	11-7231	\$36.66		5 pack	11-7251	\$36.66
.064	each	11-4064	\$8.07	.104	each	11-4104	\$8.07
	5 pack	11-7232	\$36.66		5 pack	11-7252	\$36.66
.066	each	11-4066	\$8.07	.106	each	11-4106	\$8.07
	5 pack	11-7233	\$36.66				
.068	each	11-4068	\$8.07	.108	5 pack	11-7254	\$36.66
	5 pack	11-7234	\$36.66				
.070	each	11-4070	\$8.07	.110	each	11-4110	\$8.07
	5 pack	11-7235	\$36.66		5 pack	11-7255	\$36.66
.072	each	11-4072	\$8.07	.115	each	11-4115	\$8.07
	5 pack	11-7236	\$36.66		5 pack	11-7256	\$36.66
.074	each	11-4074	\$8.07	.120	each	11-4120	\$8.07
	5 pack	11-7237	\$36.66		5 pack	11-7257	\$36.66
.076	each	11-4076	\$8.07	Blank	each	11-4040	\$8.07
	5 pack	11-7238	\$36.66		5 pack	11-7258	\$36.66
.078	each	11-4078	\$8.07				
	5 pack	11-7239	\$36.66				

MAIN JET AIR BLEED KIT (One Jet Each Size)

Sizes	Part No.	MSRP
.042" - .060"	106-3517	\$66.26
.084" - .120"	106-3518	\$53.49

S&S® CARBURETOR REBUILD KITS

To insure that you continue to get the utmost in performance from your S&S carburetor, we have put together a series of rebuild kits that are designed to provide the proper parts to return a worn carburetor to top shape. We have assembled different types of kits to cover the different degrees of rebuild necessary.

MASTER REBUILD KITS

Master rebuild kits contain a body rebuild kit, accelerator pump rebuild kit (Super E and G only), all new fasteners, springs, idle mixture screw, seat, and needle assembly. Everything needed to completely rebuild one carburetor.

MASTER REBUILD KIT

Description	Part No.	MSRP
Super E	11-2923	\$84.92
Super G	11-2924	\$84.92

BODY REBUILD KITS

Body rebuild kits for Super E and G carbs also contain throttle shaft nuts, nylon washers, accelerator pump o-ring, and accelerator pump boot. Body rebuild kits for Super E and G carbs do not contain throttle shaft bushings since these carbs have stainless steel throttle shaft bushings already installed.

BODY REBUILD KIT

Description	Part No.	MSRP
Super E	11-2906	\$42.97
Super G	11-2907	\$42.97

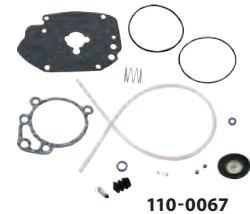


BASIC REBUILD KIT

A gasket and seal kit for low mileage Super E & G carbs. Perfect to reassemble carbs taken apart for inspection and cleaning.

BASIC REBUILD KIT

Description	Part No.	MSRP
Super E & G	110-0067	\$36.43



ACCELERATOR PUMP REBUILD KITS

Accelerator pump rebuild kits contain diaphragm, diaphragm spring, check balls, check ball spring, pump pushrod, and required hardware and o-rings.

ACCELERATOR PUMP REBUILD KIT

Description	Part No.	MSRP
Super E & G	11-2918	\$20.94



FUEL LINE KIT

Fuel Line Kit for Super E and G Carburetors p/n 190-0005

Fuel Line, Kit, Carb, Super E/G, Swivel Retrofit.....	190-0005	\$30.60
Fuel Line,.311" x .563" x 17.5", SAE 30R14.....	190-0001	\$6.44
(replacement fuel line only)		



190-0005

TOUCH UP PAINT, LUBRICANT AND SEALANTS



106-3023



51-9001



51-9009



51-9000



51-9002



500-0143

TOUCH UP PAINT

Description	Part #	MSRP
S&S touch up paint is included with each powdercoated S&S engine, but it's handy to have a spare! Keep one in the shop and one in your saddle bag. Sold in ½ oz. bottles with applicator cap.		
Wrinkle Black ½ oz. (used prior April 2009)*	51-9001	\$4.40
Wrinkle Black ½ oz, matte finish (used after April 2009)*	510-0053	\$7.07
Silver ½ oz	106-3023	\$8.45
Stone Gray ½ oz	510-0350	\$8.45

*NOTE: Wrinkle Black (51-9001) has a slightly glossy finish. Wrinkle Black (510-0053) has a matte finish with no gloss.

LUBRICANT AND SEALANTS

Use what the pros use! S&S assembles a lot of engines and customers often ask what sealants and lubricants we use. We recommend and use the following:

Torco® Engine Assembly Lube

Protect engine components during assembly and initial start up!

4 oz. Bottle	51-9000	\$7.26
1 oz. Tube	51-9002	\$4.55

Gasgacinch® Gasket Sealer

4 oz. (118ml) Can	51-9009	\$7.40
-------------------	---------	--------

ThreeBond® Liquid Gasket 1194

Great for sealing crankcases! 3.5 oz. (100g) Tube	500-0143	\$15.40
------------------------------------------------------	----------	---------

ENGINE STANDS

- An economical way to hold an engine on the work bench, for shipping, or for display
- Constructed of heavy gauge stamped steel with "S&S" laser cut in both ends
- Bullet proof, blue powder coat finish gives the stands a professional appearance that is suitable for display and protects them from corrosion and minor abrasions



S&S® ENGINE STANDS

Application	Part No.	MSRP
S&S X-Wedge® Engines	53-0147	\$94.71
1936-'99 Big Twin Engines	53-0141	\$90.34
1999-Up Unbalanced Big Twin Engines	53-0143	\$90.34
1999-'06 Balanced Big Twin Engines	53-0145	\$63.24