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SECTION 12: DEALER SERVICES & PROMO ITEMS

ENGINE REBUILD PROGRAM

S&S Rebuilds Stock Engines!

You may have heard that Harley-Davidson® no longer offers the factory remanufacturing program, but not to worry! S&S has been offering a similar service for years. We still do, and the *S&S Engine Rebuild Program* offers a lot of extras the factory didn't.

S&S Rebuild Program Features

- Fast turn-around — 10 working days from delivery to S&S (Basic Packages)t
- Full machine shop service for repairs and performance upgrades
- 30 day labor and 1 year parts warranty
- You get the same engine back — keep your original VIN
- Keep any performance upgrades you've made — if serviceable
- If you want your used parts back — just pay the shipping costs

S&S Rebuild Program Benefits

- Competitive Pricing
- Expert Workmanship

Options

- Same as Stock Rebuilds
- Performance Upgrades



How The Program Works

The *S&S Engine Rebuild Program* is available only through participating dealers, and is not available directly to retail customers.

When your dealer places an order for the desired rebuild package, S&S will send detailed instructions. As a highly recommended option, S&S can send a shipping carton to ensure that the engine is properly packaged to avoid damage in shipping.

When an engine is received, it will be disassembled, and the parts cleaned and inspected. If any part that is normally reusable or is normally refurbished, is not serviceable, the dealer will be contacted. These parts can be replaced with S&S parts, but there will be an additional charge since they are not included in the basic package. If a performance package is chosen over the Basic Rebuild, the difference in price will reflect the difference in product and related labor costs. For example, if an S&S Hot Set Up Kit® is chosen, you won't be charged for rebuilding your stock heads, since they will be replaced with S&S Super Stock® heads. A pretty sweet deal!

Sending An Engine For Rebuild

Attention Do-It-Yourselfers! If you prefer to remove your engine yourself and have your S&S Dealer send it to S&S for rebuilding, please remove the fuel system, ignition system, charging system, and any engine sensors or electronics. Package the engine securely to prevent damage in shipping. We suggest that an S&S engine carton be used. See your S&S Dealer for full details

Basic Packages

We have basic rebuild packages for 1984-'99 Evolution® big twin engines and for 1999-present big twin A and B style engines except CVO engines*. If you want your engine to run just like it did when your bike rolled off the showroom floor, the basic package is the one for you.

The basic package includes the automatic replacement of items such as pistons, valves, valve springs, bearings, etc. and all other parts will be inspected and repaired if needed to ensure that they are within factory specifications. Flywheels in 1984-'99 Evolution big twins will automatically be rebuilt. Rebuilds for 1999-later engines automatically include a new S&S 3 Piece Flywheel Assembly. If an engine has more than normal wear and tear, and there are unserviceable parts that normally could be reused or rebuilt, the dealer will be contacted to discuss the options.

*CVO engines and any other engine, including vintage big twins not covered by this program, can be rebuilt on a custom basis. Just contact the S&S® Service & Speed Center® for a personalized quote. (608) 627-0763

S&S BASIC ENGINE REBUILD PACKAGES FOR STOCK HARLEY-DAVIDSON® BIG TWINS

Engine Type	Part Number	MSRP
2001-2014 Twin Cam 88B™ 96B™, and 103B™	600-0003	\$3,995.00
1999-2014 Twin Cam 88®, 96™, and 103™	600-0002	\$3,695.00
1984-1999 Evolution® Big Twin	600-0001	\$3,495.00

Performance Upgrades

While your engine is out of the bike and taken apart, it's a great time to upgrade performance with minimal additional cost. S&S offers a wide variety of performance upgrades. Just look at the S&S catalog or visit the S&S website at www.sscycle.com to see what we have available for your engine. We can install anything you see in the catalog, but here are some suggested upgrade packages. Other upgrades will be installed and charged according to time and materials.

PERFORMANCE UPGRADE OPTIONS FOR 1999-2017 HARLEY-DAVIDSON® TWIN CAM 88®, 88B™, 96™, 96B™, 103™, AND 103B™ BIG TWIN ENGINES

Option	Part Number	MSRP
Performance Cam Upgrade	600-0010	\$50.00
Easy Start Cams	600-0011	\$100.00
Gear Drive Cams	600-0012	\$400.00
98" or 107" Big Bore Kit	600-0013	\$650.00
CNC Ported Heads	600-0014	\$600.00
124" Hot Set Up Kit®	600-0015	\$3,400.00

PERFORMANCE UPGRADE OPTIONS FOR 1984-1999 HARLEY-DAVIDSON® EVOLUTION® BIG TWIN ENGINES

Option	Part Number	MSRP
Bolt-in Performance Cams	600-0004	\$50.00
Oil Pump	600-0005	\$328.00
Performance Heads	600-0006	\$700.00
S&S Flywheels	600-0007	\$900.00
89" Stroker Kit	600-0008	\$1,400.00
96" Hot Set Up Kit®	600-0009	\$2,800.00



Easy Start Gear Drive Cams



124" Hot Set Up Kit®

SERVICE & SPEED **CENTER®**

MAKE THE S&S SERVICE & SPEED CENTER® YOUR ENGINE SHOP!

Let's face it, any machine, no matter how well it's built, is going to wear out eventually. Fact! Even an S&S engine will need some work someday. The question is: what do you do when the old hog develops a hitch in her giddy-up? Nobody throws an American V-Twin motorcycle away, so chances are, you'll get it fixed. But who you gonna call? Answer — the S&S Service & Speed Center.

SERVICE!

The S&S Service & Speed Center is ready to take care of your stock rebuilds, performance upgrades, and custom engine building needs. Our professional, experienced, and knowledgeable technicians, working with state of the art equipment and tools, can get the job done for you... guaranteed.

SPEED!

When it comes to performance, S&S Cycle has been proving it for more than fifty-five years. We've stood the test of time because the v-twin high performance products we offer are the best in the industry, and our service is just as good. So here's the question: who's the best qualified to install those highly-engineered performance products, and offers a warranty on all their work? Answer: the S&S Service & Speed Center.

ONLY AVAILABLE THROUGH S&S DEALERS

The services of the S&S Service & Speed Center are only available through S&S dealers. Many S&S dealers find it more convenient and cost effective to have S&S do kit installations and engine related machining work. It can be prohibitively expensive to invest in the equipment and talent to do this sort of work, and it can be a pain to find someone local to do it. Other S&S dealers find that they can take on more service and performance work, since they aren't limited to what their own staff can do in house! Then there's the warranty, backed by S&S. All work done by the Speed & Service Center is guaranteed.

The S&S Service & Speed Center offers the following services:

Remanufacturing and Repair

- Remanufacture S&S engines to original factory specs
- Remanufacture S&S Carburetors
- Remanufacture S&S cylinder heads
- Remanufacture S&S flywheel assemblies — Rebuild rods, install thrust washers, rebalance, and replace unserviceable parts
- Stock engine rebuilds 1966 — present big twin
- Rebuild stock flywheels for 1948-'99 big twin and 1957-85 Sportster® models.
- Rebuild stock cylinder heads for 1966-present big twins

Performance Upgrades

- Install an S&S Hot Set Up Kit® in stock 1966-present big twin crankcases including late model "A" and "B" big twin engines
- Update stock heads for Harley-Davidson® 883cc Sportster® models to 1200cc size valves
- Compression ratio increase — Machine gasket surfaces of cylinder heads, cylinders, or cases, and installation of high compression pistons

Machine Shop Services

- Bore stock engine cases to accept big bore cylinders
- Hone S&S or stock Harley-Davidson cylinders to fit new pistons
- Timken® bearing conversions on 2003 — Up stock Harley-Davidson "A" and "B" crankcases

Custom Engine Building

- Non standard configurations — engines we don't offer in the catalog
- Custom cosmetic treatments — powdercoating (limited colors only), polishing, diamond cutting, and nonstandard combinations



REMANUFACTURE? REBUILD? WHAT'S THE DIFFERENCE?

Remanufacturing and rebuilding are two slightly different approaches to repair. This applies to complete engines and component assemblies.

Remanufacturing means that a unit or assembly is restored to as-new, factory specifications, and all service wear parts are replaced. S&S remanufactured engines come with a one year factory warranty.

Rebuilding means that only parts that are outside of specified service wear limits are replaced.

ATTENTION S&S® DEALERS

You must call S&S to obtain a Return Authorization (RA) number before the parts are sent to S&S for remanufacturing service. The RA number must be visible and clearly written on the container.

Ship remanufacturing orders to:

S&S Cycle Inc.
322 Causeway Blvd.
La Crosse, Wisconsin 54603

DEALER TRAINING AND CERTIFICATION PROGRAM

DEALER TRAINING AND CERTIFICATION FACILITY

We understand the importance of providing opportunities to advance our training programs and to offer more training courses and training dates to meet dealer needs. S&S is working hard to provide you with the training you need to be successful. Therefore we are proud and excited to announce our partnership with the PowerSport Institute. The PSI facility is not only a great location, it offers an opportunity for S&S to expand our training programs. PowerSport Institute is located outside of Cleveland in North Randall, Ohio. The accommodations are much improved with a variety of hotel and restaurants to choose from. The facility sits on 15 acres and is accessible from two major highways. The opportunity for S&S dealers to improve their already high degree of expertise has not changed. The courses have been enhanced with additional hands-on training and, of course, our many years of experience and knowledge of building high performance engines — passed on to you.

S&S DEALER CERTIFICATION LEVELS

Throughout the entire process of our training, you have provided us valuable feedback and we listened. We have added additional training courses and increased the amount of hands-on training. Shown on the following pages are the levels of certification that S&S Dealers can achieve. There are both requirements and benefits for each level. Certification will be based on a number of qualifications, and education being one of them. Education will consist of distance learning via the internet, courses on DVD and training in formal classroom settings. Consideration for certification will also be based on geographical location (with respect to other certified dealers), the dealer's facility and equipment, and the reputation of the prospective certified dealer. Keep in mind that the education portion of the certification is vested in the trained technician, not the dealership.

S&S DEALER VFI CERTIFICATION

This course is re-designed to provide additional hands-on training tuning VFI equipped motorcycles utilizing S&S Pro Tune II software. To get you on track with the high-tech world of fuel injection, it takes a good understanding of EFI operation, component identification and function. Our on-line prerequisite course will help you transition into our three-day hands-on training and will accelerate your diagnostic and troubleshooting knowledge.

Phase 1 Prerequisite - Successful completion of on-line training

- History of Fuel Injection
- Fuel Injection Operation
- Component ID
- Successful Completion of On-line Test

Benefits — The S&S Cycle VFI three-day course will teach you:

- VFI Installation and Tuning
- S&S ProTune II Software Navigation and Function
- Tuning VFI in Basic and Advanced Levels including Live-Tune Mode for Base Fuel Injection Time
- Base Ignition Timing and Front and Rear Cylinder Fuel Adjustment
- Dyno Tuning a VFI equipped motorcycle, Troubleshooting and Diagnosing VFI Symptoms
- Making Corrections and Repairs
- Final Tuning the Corrected Vehicle
- Carburetion, fuel circuits and fuel diagnostic procedures
- Shorty series carburetors, installation and tuning
- Dyno tuning a shorty carburetor equipped motorcycle
- Ignition styles, modifications and tuning

SIDEWINDER® CENTER

The Sidewinder class is a newly designed four day in-depth course that provides more hands-on training than ever before. Technicians will receive a solid understanding and hands-on training with S&S engines and S&S engine assembly techniques.

Phase 1 Prerequisite - Successful completion of on-line training

- Component identification
- Four stroke theory
- Precision measuring

This course introduces technicians to hands-on experience with S&S technology including:

- Disassemble S&S V and T series engines
- Inspect components for proper fitment
- Assemble S&S V and T series engines according to S&S factory procedures.
- Cylinder heads, pistons, rings, gaskets and cylinder modifications
- Selecting the correct camshaft, pushrods, rocker arms, valves and spring clearances
- Adjusting tappets in a running engine
- Oil, oil pumps, and oiling system design — installation and alignment

PRO TUNING CENTER CERTIFICATION

Receive Pro Tuning Center certification when both the VFI and Sidewinder classes are completed. Two trained technicians are required for a shop to maintain Pro Tuning Center certification, however special consideration may be given in certain circumstances.

NOTE

S&S Cycle reserves the right to change, modify or alter any of the above programs. We cannot guarantee that all classes will be available at all times of the year.



BENEFITS OF TRAINING AND CERTIFICATION

Attending training and becoming certified at S&S Cycle brings you and your shop many rewards. It starts with your customers who ride S&S equipped bikes; they will know you are trained to provide them the best service possible. It is also very important that S&S will recognize your shop and promote you as a certified dealer on our website.



CONTINUED
S&S® DEALER TRAINING AND CERTIFICATION PROGRAM

BENEFITS FOR CERTIFIED S&S® DEALERS

RECOGNITION

Dealers who have achieved any level of certification will be recognized on the Dealer Locator of the S&S website. This is an important consideration since the S&S website receives over a half million visits every month. We'd like to send some of that traffic your way, and it stands to reason that certified dealers will be more apt to attract customers on the Dealer Locator than dealers who are not certified.

DEALER CERTIFICATION	DEALER CERTIFICATION LEVELS
Standard S&S Dealer	A Standard S&S dealer is a dealer in good standing, who has not completed the required distance learning courses.
Authorized S&S Dealer	An Authorized S&S dealer is a dealer in good standing, who has completed the required distance learning courses.*
S&S Sidewinder Center	A Sidewinder Center is an S&S dealer in good standing, who has completed the Sidewinder Certification course.
S&S VFI Tuning Center	A VFI Tuning Center is an S&S dealer in good standing, who has completed the VFI Tuning Certification course.
S&S Pro Tuning Center	A Pro Tuning Center is an S&S dealer in good standing, who has completed both the VFI Tuning and Sidewinder Certification courses.

* Complete the Distance Learning Courses online. Sign up and register at www.ssdealer.com/signup

DISCLAIMER

S&S Cycle reserves the right to change, modify or alter any of the above programs. We cannot guarantee that all classes will be available at all times of the year.

APPAREL

1. S&S® Ladies Diamond T-Shirt

Black. Sizes M-2XL.
3.7 oz. Pre-shrunk 100% cotton.
Ladies cut.

M **510-0308** \$21.95

L **510-0309** \$21.95

XL **510-0310** \$21.95

XXL **510-0311** \$25.95

2. S&S® Ladies Diamond T-Shirt

Pink. Sizes M-2XL.
3.7 oz. Pre-shrunk 100% cotton.
Ladies cut.

M **510-0312** \$21.95

L **510-0313** \$21.95

XL **510-0314** \$21.95

XXL **510-0315** \$25.95

3. S&S® Vintage T-Shirt

Red. Sizes M-3XL.
5.5 oz. Pre-shrunk 100% cotton

M **510-0216** \$21.95

L **510-0217** \$21.95

XL **510-0218** \$21.95

2XL **510-0219** \$25.95

3XL **510-0220** \$28.95

4. S&S® Vintage T-Shirt

Slate Blue. Sizes M-3XL.
5.5 oz. Pre-shrunk 100% cotton

M **510-0204** \$21.95

L **510-0205** \$21.95

XL **510-0206** \$21.95

2XL **510-0207** \$25.95

3XL **510-0208** \$28.95

5. S&S® Ladies Proven Performance T-Shirt

Black. Sizes M-2XL.
3.7 oz. Pre-shrunk 100% cotton.
Ladies cut.

M **510-0163** \$21.95

L **510-0164** \$21.95

XL **510-0165** \$21.95

2XL **510-0166** \$25.95

6. S&S® Lightning Bolt T-Shirt

Athletic Heather. Sizes M-3XL.
5.5 oz. Pre-shrunk
90% Cotton/10% Polyester

M **510-0325** \$21.95

L **510-0326** \$21.95

XL **510-0327** \$21.95

2XL **510-0328** \$25.95

3XL **510-0329** \$28.95

7. S&S® Lightning Bolt T-Shirt

Black. Sizes M-3XL.
5.5 oz. Pre-shrunk 100% cotton

M **510-0330** \$21.95

L **510-0331** \$21.95

XL **510-0332** \$21.95

2XL **510-0333** \$25.95

3XL **510-0334** \$28.95





8. S&S® Engine T-Shirt

Charcoal. Sizes M-3XL.
5.5 oz. Pre-shrunk 100% cotton
M **510-0298** \$19.95
L **510-0299** \$19.95
XL **510-0300** \$19.95
2XL **510-0301** \$21.95
3XL **510-0302** \$24.95

S&S® Engine Long Sleeve Shirt

Charcoal. Sizes M-3XL.
6 oz. Pre-shrunk 100% cotton.
M **510-0303** \$24.95
L **510-0304** \$24.95
XL **510-0305** \$24.95
2XL **510-0306** \$27.95
3XL **510-0307** \$30.95

9. S&S® Proven Performance T-Shirt

Charcoal. Sizes M-3XL.
5.5 oz. Pre-shrunk 100% cotton
M **510-0118** \$21.95
L **510-0119** \$21.95
XL **510-0120** \$21.95
2XL **510-0121** \$25.95
3XL **510-0122** \$28.95

10. S&S® Sidewinder® Long Sleeve Shirt

Black. Sizes M-3XL.
6 oz. Pre-shrunk 100% cotton.
M **510-0143** \$24.95
L **510-0144** \$24.95
XL **510-0145** \$24.95
2XL **510-0146** \$27.95
3XL **510-0147** \$30.95

11. S&S® Thermal Long Sleeve Shirt

Black. Sizes M-3XL.
6.25 oz. cotton. 2 X 1 Rib cuffs & collar
Contrast flatlock stitching
M **510-0320** \$35.95
L **510-0321** \$35.95
XL **510-0322** \$35.95
2XL **510-0323** \$37.95
3XL **510-0324** \$41.95

12. S&S® Ladies Hooded Sweatshirt

Raspberry. Sizes M-2XL.
10 oz. 80% cotton/20% polyester blend

M	510-0158	\$58.95
L	510-0159	\$58.95
XL	510-0160	\$58.95
2XL	510-0161	\$61.95

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13. S&S® Flames Hooded Sweatshirt

Black. Sizes M-3XL. Full Zip
9 oz. 80% cotton/20% polyester blend

M	510-0335	\$65.95
L	510-0336	\$65.95
XL	510-0337	\$65.95
2XL	510-0338	\$68.95
3XL	510-0339	\$70.95

14. S&S® Logo Ladies Hooded Sweatshirt

Black. Sizes L-2XL. Full Zip
8 oz. 50% Cotton / 50% Polyester

L	510-0341	\$55.95
XL	510-0342	\$55.95
2XL	510-0343	\$59.95

14



15. S&S® Beanie Hat

Black. One size fits all. 100% acrylic.
510-0178 \$10.95

16. S&S® Flat Bill Hat

One Size
510-0179 \$15.95

13



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16



18



19



18. S&S® Mechanics Work Shirt

Black. Sizes M-3XL.

3.75 oz. poplin: 65% polyester/35% cotton

M **510-0168** \$59.95

L **510-0169** \$59.95

XL **510-0170** \$59.95

2XL **510-0171** \$62.95

3XL **510-0172** \$65.95

19. S&S® Mechanics Gloves

Black. Sizes L-XL.

Premium black mechanics gloves with soft suede leather palm patch. Spandex fabric back. Elastic wrist with adjustable Velcro tabs.

L **510-0186** \$26.95

XL **510-0187** \$26.95

20



20. S&S® Logo T-Shirt

Black. Sizes M-3XL.

5.5 oz. Pre-shrunk 100% cotton

M **510-0113** \$21.95

L **510-0114** \$21.95

XL **510-0115** \$21.95

21. S&S® Mechanics Jacket

Black. Sizes M-3XL.

7.5 oz. Twill: 65% Polyester/35% cotton

M **510-0173** \$89.95

L **510-0174** \$89.95

XL **510-0175** \$89.95

2XL **510-0176** \$92.95

3XL **510-0177** \$92.95

22. S&S® Black Baseball Cap

Black. Adjustable. Six panel low profile. 3D embroidery on front.

510-0180 \$15.95

21



22



ACCESSORIES

1. S&S® Cycle Logo Patch

3" 510-0194 \$3.95

6" 510-0193 \$5.95

2. S&S® Logo 6" Decal

3" 106-4459 \$1.00

6" 510-0195 \$1.95

3. S&S® Embossed Aluminum Sign

16.5" x 11"

510-0192 \$24.95

4. S&S® Teardrop Belt Buckle

Polished nickel white metal finish.

510-0184 \$29.95

5. S&S® Logo Keychain

Die Cut. Soft.

510-0182 \$2.95

6. S&S® Teardrop Metal Keychain

510-0181 \$7.95

7. S&S® Spark Plug Gauge Tool

510-0189 \$3.95

8. S&S® Frosted 16 oz. Pint Glass

510-0190 \$6.95

9. S&S® Frosted 2.5 oz. Shot glass

510-0191 \$4.95

10. S&S® Skulls Can Cooler

Gray. Soft. 2-sided Logo Design.

510-0221 \$2.95

11. S&S® Stainless Steel Travel Mug

15 oz. with leak-resistant slider lid.

510-0197 \$15.95



1



2



3



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5



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9



10



11

OWNER'S MANUALS & INSTRUCTION SHEETS

OUR OWNER'S MANUALS ARE AVAILABLE FOR FREE DOWNLOAD:

www.sscycle.com/tech-info/engine-owners-manuals

OUR INSTRUCTION SHEETS ARE AVAILABLE FOR FREE DOWNLOAD:

www.sscycle.com/tech-info/instructions-data/instruction-sheets

FOR THE SHOP

S&S® LOGO DECAL

3" Blue/White S&S Logo (weatherproof)	106-4459	\$1.00
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106-4459

BANNERS

Printed on one side of water resistant reinforced vinyl. Features metal grommets on the top and bottom of hemmed edges for easy display.

BANNERS

S&S® Logo (42" x 30")	51-0161	\$31.95
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51-0161

S&S® COUNTER MAT

S&S® Counter Mat With Blue/White S&S Logo	51-0196	\$12.95
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S&S® METAL SIGN

Features the blue S&S logo design. Measures 16" x 24"	51-0194	\$31.95
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S&S® BUSINESS HOURS DECAL

For S&S Dealer windows. Displays business hours. Write-on/wipe off capability.

S&S® BUSINESS HOURS DECAL

Blue and white, 6" x 9"	51-0211	\$4.95
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51-0211



51-0194



51-0196

DEALER STOCKING PARTS KITS

S&S® DEALER CARB PARTS KIT

Contains replacement parts for S&S Super E and G carbs **11-3103** \$355.96

S&S® DEALER JET KIT

A complete jetting kit for all S&S Super gasoline carbs **11-3102** \$337.93



11-3102

11-3103

