



AUGUST 2023
PERFORMANCE PARTS for
MILWAUKEE-EIGHT® ENGINES

**NEW FOR
2022**

DIAMONDBACK 2-1

for 2017–2022 M8 touring models

S&S was building Performance Baggers long before it was called that and our focus has always been on making big power! The Diamondback 2-1 Exhaust System is a perfect example of our commitment to true performance. Beginning with a stepped header for maximum flow and a merged collector specifically engineered to prevent exhaust gas reversion, this system wraps up with a 4" full stainless muffler that ends before the rear axle. Diamondback is not for your Daddy's bagger, but purpose built to make big power and sound, excellent cornering clearance and just the right look. Cleared for tall shocks and available in brushed stainless or Guardian Black.



Features & Benefits:

- 2-1 full stainless system (with shields!)
- Oversize header primary tubes for optimum flow and performance
- Just enough length to make big power on your M8
- Four bungs for easy O2 sensor installation and air/fuel monitoring
- Computer aided design & precision bending for improved ground clearance
- Available in Brushed Stainless Steel or super durable Guardian Black Finish
- 50 State legal fitment available! CARB EO# K-010-26
- Made in USA!

DIAMONDBACK 2-1 FOR 2017–2022 M8 FL MODELS — 50 STATE

Finish	Part #	MSRP
Stainless Steel	550-0999A	\$1,859.95
Black	550-1027A	\$1,859.95

Exempt from emissions tampering regulations under CARB EO# K-010-26

DIAMONDBACK 2-1 FOR 2017–2022 M8 FL MODELS — RACE ONLY

Stainless Steel	550-1000	\$1,099.95
Black	550-1028	\$1,132.95

NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE. NOT LEGAL FOR SALE OR USE NATIONWIDE ON ANY FEDERAL POLLUTION CONTROLLED MOTOR VEHICLE UNDER THE CLEAN AIR ACT



GNX SLIP-ONS

for 2017–2022 M8 touring models

Features & Benefits:

- 4.5" slip-on with premium fit, finish, sound, and power!
- Show quality chrome or Guardian Black
- Guardian Black is exact match to OEM header
- New, unique louvered baffle delivers a rowdier tone
- Clears up to 13.5" shock lengths
- Removable dB reducer
- Made in USA!

Finish	Part #	MSRP
Black	550-0990	\$599.95
Chrome	550-0991	\$652.95

*Qualified manufacturer declared U.S. 50-State legal emissions replacement part on all MY 2017–2022 FL Touring models

NOTE: Does not fit trike models

⚠ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



Not recommended for Tri Glide® or other three wheel models including conversions due to ground clearance.



Removable dB reducer



Mk45 SLIP-ONS

Fitment:

- 2017–2022 M8 touring models
Does not fit trike models

Features & Benefits:

- 4.5" design— with stainless steel baffle & RaceTEX cartridge packing
- Available in show quality chrome or Guardian Black finish
- Produces a deep bass rumble throughout the RPM range
- Choose Cutlass, Thruster, Tracer end cap designs in chrome or Tuxedo Black
- Removable dB reducer
- Made in USA!



Not recommended for Tri Glide® or other three wheel models including conversions due to ground clearance.

Mk45 4.5" SLIP-ONS

Muffler Body Finish	End Cap Finish & Style	Part #	MSRP
Chrome	NEW Black Cutlass	550-1011	\$775.95
	Chrome Thruster	550-0665	\$782.95
	Black Thruster	550-0664	\$775.95
	Chrome Tracer	550-0669	\$782.95
	Highlight Machined Tracer	550-0668	\$775.95
Black	NEW Black Cutlass	550-1010	\$799.95
	Black Thruster	550-0666	\$839.95
	Highlight Machined Tracer	550-0670	\$839.95

*Qualified manufacturer declared U.S. 50-State legal emissions replacement part on all MY 2017-2022 FL Touring models

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



NEW 550-1011



NEW 550-1010



550-0665



550-0664



550-0669



550-0668



550-0666



550-0670



Removable dB reducer

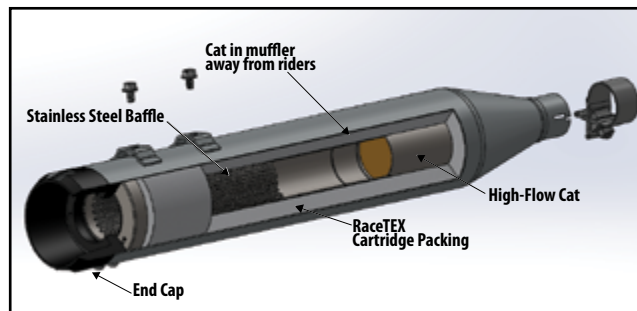


EL DORADO EXHAUST SYSTEM

Mk45 MUFFLER/HEADER PACKAGE

Features & Benefits:

- Improved power & torque for greater rideability
- Produces a deep bass rumble throughout the RPM range
- Available in show quality chrome or Guardian Black
- 4.5" mufflers with billet end caps
- Tuxedo Black Thruster, Highlight Machined Tuxedo Black Tracer, and Chrome Tracer tip options
- Includes adapters that allow use of wide band or stock O2 sensors
- Stainless steel header construction
- High flow cats increase exhaust flow for optimum torque
- Relocation of cats to mufflers reduces rider heat
- Made in the USA!



EL DORADO EXHAUST SYSTEM FOR 2017-'22 TOURING MODELS — STREET LEGAL PERFORMANCE CAT

Finish	End Cap	Part #	MSRP
Chrome	Black Thruster	550-0699C	\$1,853.95
Black	Black Thruster	550-0700C	\$1,709.95
Chrome	Highlight Machined Tracer	550-0701C	\$1,889.95
Black	Highlight Machined Tracer	550-0702C	\$1,853.95
Chrome	Chrome Tracer	550-0851A	\$1,889.95

*NOTE: Does not fit trike models

Exempt from emissions tampering regulations under CARB EO# K-010-55 for all 2017-2022 FL touring models

⚠️ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov



Black w/Highlight
Machined Tracer



Black w/Thruster



Chrome w/Thruster



Chrome w/Highlight
Machined Tracer



Chrome w/
Chrome Tracer



Not recommended for Tri Glide® or other three wheel models including conversions due to ground clearance.



GRAND NATIONAL® SLIP-ONS

4" touring mufflers

Fitment:

- 2017–2021 touring models
- 2009–2021 trike models

Features & Benefits:

- Show quality chrome or Guardian Black finish
- Aggressive sound and excellent horsepower
- Race inspired Grand National end cap
- High flow baffle design
- Removable dB reducer
- Excellent choice for trike models (See chart)
- Made in USA!



GRAND NATIONAL® SLIP-ONS — 4" MUFFLERS FOR 2017–2021 TOURING M8 ENGINES*

Finish	Part #	MSRP
Chrome	550-0693	\$576.95
Black	550-0694	\$607.95

GRAND NATIONAL® SLIP-ONS — 4" MUFFLERS TOURING MUFFLERS FOR 2017–2021 TRIKE MODELS**

Chrome	550-0689	\$576.95
Black	550-0690	\$607.95

*Qualified manufacturer declared U.S. 50-State legal emissions replacement part on all MY 2017–2022 FL Touring models

**NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES. Not legal for sale or use on EPA pollution controlled motorcycles originally equipped with mufflers containing catalyst.*Qualified Manufacturer Declared Emissions Replacement Part on 2017 to 2020 Touring Trike Models Only.

⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov



Removable dB reducer

SLASH CUT SLIP-ONS

4" touring mufflers

Fitment:

- 2017–2021 touring models
- 2009–2021 trike models

Features & Benefits:

- Classic slash cut styling
- Aggressive sound
- Available in show chrome or Guardian Black finish
- Stripped down styling
- Economical price
- Removable dB reducer included
- Excellent choice for trike models (See chart)
- Made in USA!



SLASH CUT SLIP-ONS — 4" TOURING MUFFLERS FOR 2017–2021 TOURING M8 ENGINES*

Finish	Part #	MSRP
Chrome	550-0695	\$525.95
Black	550-0696	\$560.95

SLASH CUT SLIP-ONS — 4" TOURING MUFFLERS FOR 2017–2021 TRIKE MODELS**

Chrome	550-0691	\$525.95
Black	550-0692	\$560.95

*Qualified manufacturer declared U.S. 50-State legal emissions replacement part on all MY 2017-2022 FL Touring models

**NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES. Not legal for sale or use on EPA pollution controlled motorcycles originally equipped with mufflers containing catalyst.*Qualified Manufacturer Declared Emissions Replacement Part on 2017 to 2020 Touring Trike Models Only.

⚠️ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



Removable dB reducer



SIDEWINDER® 2-1 EXHAUST



Fitment

- 2017–2022 M8 FL models

Features & Benefits

- 2-1 styling for high-performance baggers
- Stainless steel stepped header
- Increased power and torque
- Available in show chrome or Guardian Black finish
- Highlight Machined aluminum end cap
- Includes adapters that allow use of wide band or stock O2 sensors
- Deep 2-1 performance exhaust note
- Removable dB reducer
- Made in USA!



See next page for Left Side Shadow Pipe
 Not recommended for Tri Glide® or other three wheel models including conversions due to ground clearance.



SIDEWINDER 2-1 EXHAUST FOR 2017–'21 M8 TOURING MODELS — STREET LEGAL* PERFORMANCE CAT

Finish	Part #	MSRP
Chrome	550-0758D	\$1,673.95
Black	550-0759D	\$1,627.95

SIDEWINDER 2-1 EXHAUST FOR 2017–2022 M8 TOURING MODELS — RACE ONLY**

Chrome	550-0728	\$1,223.95
Black	550-0729	\$1,199.95

*Exempt from emissions tampering regulations under CARB EO# K-010-21 for all 2017-2021 FL Touring Models

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Removable dB reducer—race only version

SHADOW PIPE

for 2017–2022 touring models with S&S Sidewinder® 2-1 exhaust

Features & Benefits:

- Show chrome and Guardian Black finish
- Shadow muffler fills left side cutout in extended bags when running Sidewinder 2-1
- Matching end caps for left and right side
(not available on any of our slip-on or El Dorado products)
- 4.5" design
- All hardware included
- Made in USA!



Not recommended for Tri Glide® or other three wheel models including conversions due to ground clearance.



2017–2022 TOURING MODELS EQUIPPED WITH S&S® SIDEWINDER® 2-1 EXHAUST

MSRP

Chrome	550-0829	\$427.95
Black	550-0831	\$427.95

If you have...			...you'll need
BIKE	FINISH	SIDEWINDER PART #	SHADOW PIPE PART #
2017–2021 touring model	Chrome	550-0728	550-0829
		550-0758D	
	Black	550-0729	550-0831
		550-0759D	



SUPERSTREET 2-1



Fitment:

- 2018–2022 HD® Street Bob®, Low Rider®, Softail Slim®, Fat Bob®, Deluxe, Sport Glide®, & Heritage® models
- 2018–2022 HD® Softail® Fat Boy®, Breakout®, & FXDR® models

Features & Benefits:

- Classic 2-1 styling with world famous S&S performance!
- Fits floorboard and forward controls and fits mid mounts with S&S brake pedal kit (560-0259A)
- Saddlebag support compatible! Works with OEM and similar size saddlebags (like Heritage® or Sport Glide® models)
- Full heat shields on both front and rear headers
- Stainless steel stepped header construction
- Available in show quality chrome, Guardian Black finish or Stainless Steel Muffler & Shields
- Oxygen sensor ports allow use of wide band or stock O2 sensors
- Passenger peg bracket included
(Fat Boy, FXDR, & Breakout version. All others use OE Heritage location)
- Made in the USA!



NOTES

Mid mounts require brake pedal kit (part # 560-0259A msrp \$193.95)

SUPERSTREET 2-1 — STREET LEGAL* PERFORMANCE CAT

Fitment	Finish	Part #	MSRP
2018–2022 HD® Street Bob®, Low Rider®, Softail Slim®, Fat Bob®, Deluxe, Sport Glide® & Heritage® models*	Stainless Steel with Black end cap	550-0996B	\$1,669.95
	Black with Black end cap	550-0789B	\$1,669.95
	Chrome with Black end cap	550-0791B	\$1,669.95
2018–2022 HD® Softail® Fat Boy®, Breakout® & FXDR® models	Black with Black end cap	550-0846B	\$1,669.95
	Chrome with Black end cap	550-0847B	\$1,669.95

SUPERSTREET 2-1 — RACE ONLY†

2018–2022 HD Street Bob, Low Rider, Softail Slim, Fat Bob, Deluxe, Sport Glide & Heritage models	Black with Black end cap	550-0788	\$1,099.95
	Chrome with Black end cap	550-0790	\$1,143.95
2018–2022 HD Softail Fat Boy, Breakout & FXDR models	Black with Black end cap	550-0857	\$1,091.95
	Chrome with Black end cap	550-0858	\$1,225.95

*Exempt from emissions tampering regulations under CARB EO# K-010-22 for all 2018–2022 Softail models with 107" or 114" engine

† FOR CLOSED COURSE COMPETITION USE ONLY. NOT INTENDED FOR STREET USE. LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES WHICH MAY NEVER BE USED, OR REGISTERED OR LICENSED FOR USE, UPON A HIGHWAY. NOT LEGAL FOR SALE OR USE NATIONWIDE ON ANY FEDERAL POLLUTION CONTROLLED MOTOR VEHICLE UNDER THE CLEAN AIR ACT.

⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov

Chrome



Black

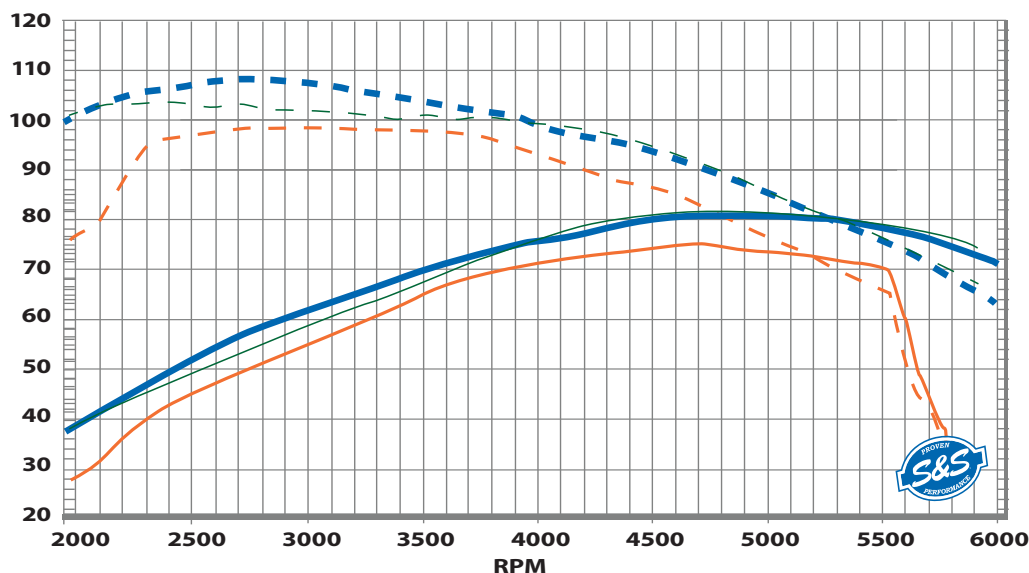


Stainless



Exhaust

PROVEN PERFORMANCE



Performance exhaust and street legal used to be mutually exclusive features, forcing a rider to choose between making power and making sure factory warranties stayed intact. Not anymore! Welcome to the new world order of high performance that marries a real deal v-twin exhaust note with legit horsepower gains.

Orange is a stock 114" Softail (75 hp & 99 torque)

Green is the same bike with one of the stubby and empty systems on the market (82 hp & 104 torque)

Blue is the S&S SuperStreet (82 hp & 109 torque). This 2-1 system is not only Street Legal, but produces more torque in the RPM zone that you ride in!

Stock 114" Softail® Model

Max Power = 75.15

Max Torque = 99.61

Other guys short stainless steel 2-1 "Race Only," with Stealth Air Cleaner

Max Power = 82.86

Max Torque = 104.44

S&S SuperStreet 2-1 Street Legal with S&S high flow catalyst & Stealth Air Cleaner

Max Power = 82.36

Max Torque = 109.44



GRAND NATIONAL® 2-2

for 2018–2021 HD® Street Bob®, Low Rider®, Slim®, Fat Bob®, & Deluxe models

Features & Benefits:

- 2-2 Free-flow design equals solid HP gains
- Hidden crossover provides performance benefits of 2-1
- Full heat shields on both front and rear headers
- Stainless steel stepped header construction
- Available in chrome or ceramic black finish
- Oxygen sensor ports allow use of wide band or stock O2 sensors.
- Removable dB reducer included (*Race only version*)
- Fits floorboard and forward controls and fits mid mounts with S&S brake pedal kit (*part #560-0259A for \$193.95*)
- Right side passenger peg relocation bracket (*part #550-0801 for \$81.95*)
- Made in USA!



GRAND NATIONAL® 2-2 FOR 2018–'19 HD® STREET BOB®, LOW RIDER, SLIM, FAT BOB, & DELUXE MODELS — STREET LEGAL* PERFORMANCE CAT

Chrome	550-0816A	\$1,292.95
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GRAND NATIONAL 2-2 FOR 2018–2021 HD STREET BOB, LOW RIDER, SLIM, FAT BOB, & DELUXE MODELS — RACE ONLY**

Chrome	550-0761	\$1,069.95
Black	550-0760	\$1,091.95

*Exempt from emissions tampering regulations under CARB EO# K-010-7 for all 2018–2019 Softtail Models

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⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov



Passenger Peg Relocation Bracket



Mid mounts require brake pedal kit (*part # 560-0259A/ msrp \$193.95*)

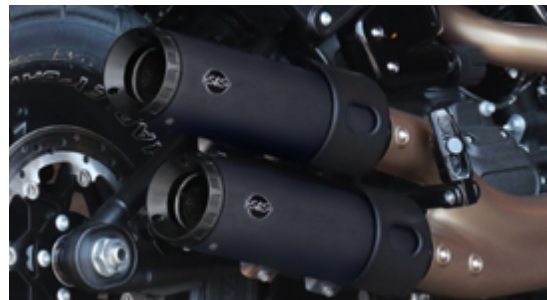


GRAND NATIONAL® SLIP-ONS

for 2018–2021 HD® Fat Bob® models

Features & Benefits:

- Up to 12% more horsepower and 6% more torque
(when used with Stealth Air Cleaner Kit)
- Race inspired design
- Guardian Black finish
- Deep performance rumble replaces stock whisper tone
- No mapping required
- Removable dB reducer
- Made in USA!



Exhaust

GRAND NATIONAL® SLIP-ONS FOR 2018–2021 HD® FAT BOB® MODELS

Finish	Part #	MSRP
Black	550-0734	\$524.95

*Qualified manufacturer declared U.S. 50-State legal emissions replacement part on all MY 2018–2021 Fat Bob models.

⚠️ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



Removable dB reducer



GRAND NATIONAL® SLIP-ONS

Fitment:

- Fits 2018–2022 HD® Softail® Street Bob®, Low Rider®, Slim®, Fat Boy®, Breakout®, Heritage®, & Classic® models
(except Fat Bob®, Sport Glide®, & FXDR models)

Features & Benefits:

- Show quality chrome or Guardian Black
- Guardian Black is exact match to OEM heat shields
- All hardware and gaskets included
- Deep performance rumble replaces stock whisper tone
- Removable dB reducer included (*Race only version*)
- Made in USA!



GRAND NATIONAL® SLIP-ONS FOR 2018–2022 M8 HD® SOFTAIL® MODELS — STREET LEGAL* PERFORMANCE CAT

Fitment	Muffler Body Finish	Part #	MSRP
M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy® & Breakout® models	Black	550-0754B	\$1,235.95
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy & Breakout® models	Chrome	550-0755B	\$1,235.95
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	550-0757B	\$1,235.95

GRAND NATIONAL® SLIP-ONS FOR 2018–2022 M8 HD® SOFTAIL® MODELS — RACE ONLY**

M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy® & Breakout® models	Black	550-0737	\$499.95
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy & Breakout models	Chrome	550-0738	\$504.95
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	550-0740	\$504.95

*Exempt from emissions tampering regulations under CARB EO# K-010-23 for all 2018–2022 Breakout, Fat Boy, Low Rider, Slim, Street Bob, Deluxe, and Heritage Classic Softail Models with the 107" or 114" Engine

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CARB
compliant
CALIFORNIA EO K010-23

SLASH CUT SLIP-ONS

Fitment:

- Fits 2018–2022 HD® Softail® Street Bob®, Low Rider®, Slim®, Fat Boy®, Breakout®, Heritage®, & Classic® models (except Fat Bob®, Sport Glide®, & FXDR models)

Features & Benefits:

- Classic Slash Cut styling
- Show quality chrome or Guardian Black
- Guardian Black is exact match to OEM heat shields
- All hardware and gaskets included
- Deep performance rumble replaces stock whisper tone
- Removable dB reducer included (Race only version)
- Made in USA!



SLASH CUT SLIP-ONS FOR 2018–2022 HD® SOFTAIL® MODELS — STREET LEGAL[†] PERFORMANCE CAT

Fitment	Muffler Body Finish	Part #	MSRP
M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy®, & Breakout® models	Black	550-0752B	\$1,205.95
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy, & Breakout models	Chrome	550-0753B	\$1,205.95
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	550-0756B	\$1,132.95

SLASH CUT SLIP-ONS FOR 2018–2022 M8 SOFTAIL® MODELS — RACE ONLY^{††}

M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy®, & Breakout® models	Black	550-0735	\$432.95
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy, & Breakout models	Chrome	550-0736	\$432.95
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	550-0739	\$440.95

[†]Exempt from emissions tampering regulations under CARB EO# K-010-23 for all 2018-2022 Breakout, Fat Boy, Low Rider, Slim, Street Bob, Deluxe, and Heritage Classic Softail Models with the 107" or 114" Engine
^{††}NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE. NOT LEGAL FOR SALE OR USE NATIONWIDE ON ANY FEDERAL POLLUTION CONTROLLED MOTOR VEHICLE UNDER THE CLEAN AIR ACT

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CARB
compliant



POWER TUNE DUAL HEADERS

Fitment:

- Replacement for the El Dorado exhaust system for touring models

Features & Benefits:

- Adds up to 8 horsepower over stock header pipes
- Independent dual look with hidden crossover
- Exclusive design moves the rear cylinder header away from the passenger to reduce radiated heat
- Full chrome or ultra durable Guardian Black heat shielding with 220° coverage
- Oxygen sensor bungs**
- Durable 16 gauge stainless steel construction
- Spherical inlet design for improved sealing and exhaust gasket durability
- Requires symmetrical inlet (1995–2016 style) mufflers
- Exhaust port gaskets included
- All hardware included
- Made in USA!



**POWER TUNE® DUAL HEADERS FOR 2017–2022 TOURING MODELS
WITH SYMMETRICAL INLET (1995–2016 STYLE) MUFFLERS**

Chrome	550-0704	\$679.95
Black	550-0705	\$744.95

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EUROPEAN SPEC EC SLIP-ON MUFFLERS

for 2018–2020 HD® Softail® models (for Europe)



Features & Benefits:

- EC approved with S&S performance and style
- Race-inspired Grand National® end cap design or the classic slash cut design complements any bike style
- Show chrome or ceramic black finish
- 82mm can with perforated stainless steel baffle and RaceTex cartridge packing
- All hardware and gaskets included
- Made in USA



GRAND NATIONAL® EC SLIP-ON MUFFLERS FOR 2018–2020 M8 HD® SOFTAIL® MODELS

M8 Softail® Street Bob®, Low Rider®, Slim®, Fat Boy® & Breakout® models	Black	550-0824	\$1,239.95
M8 Softail Street Bob, Low Rider, Slim, Fat Boy & Breakout models	Chrome	550-0825	\$1,239.95
M8 Softail® Heritage Classic & Deluxe® models	Chrome	550-0826	\$1,239.95

EU Type-Approval: e9*134/2014*2018/295H*11028*00

SLASH CUT EC SLIP-ON MUFFLERS FOR 2018–2020 M8 HD® SOFTAIL® MODELS

M8 Softail® Street Bob®, Low Rider®, Slim®, Fat Boy® & Breakout® models	Black	550-0821	\$1,239.95
M8 Softail® Street Bob, Low Rider, Slim, Fat Boy & Breakout models	Chrome	550-0822	\$1,239.95
M8 Softail® Heritage®/Deluxe® models	Chrome	550-0823	\$1,239.95

EU Type-Approval: e9*134/2014*2018/295H*11027*00

EUROPEAN SPEC EC GRAND NATIONAL® SLIP-ON MUFFLERS

for 2018–2021 M8 HD® Fat Bob® Softail® models (for Europe)

Features & Benefits:

- EC approved with S&S performance & style
- Race-inspired Grand National® end cap design
- High temperature ceramic black finish
- 100mm can with perforated stainless steel baffle & RaceTex cartridge packing
- dB reducer included
- All hardware and gaskets included



GRAND NATIONAL® EC 100MM SLIP-ON FOR 2018–2020 HD® SOFTAIL® FAT BOB® MODELS

Finish	Part #	MSRP
Black	550-0827	\$579.95

EU Type-Approval: e9*134/2014*2018/295G*11029*00 for 2018–2020 Fat Bob

EUROPEAN SPEC EC Mk45 SLIP-ON MUFFLERS

for 2017–2021 M8 models (for Europe)

Features & Benefits:

- EC approved with S&S performance & style
- Bold 4.5" design—with stainless steel baffle & RaceTEX cartridge packing
- Choose Cutlass, Thruster or Tracer end cap designs in chrome or Tuxedo Black
- Performance 2.5" stainless steel perforated baffle
- Made in USA!

Mk45 EC 4.5" SLIP-ON MUFFLERS FOR 2017–2020 TOURING MODELS

Muffler Body Finish	End cap Finish & Style	Part #	MSRP
Chrome	NEW Black Cutlass	550-1009	\$1,019.95
	Chrome Thruster	550-0861	\$999.95
	Black Thruster	550-0860	\$999.95
	Chrome Tracer	550-0864	\$999.95
	Highlight Machined Tracer	550-0863	\$999.95
Black	NEW Black Cutlass	550-1008	\$1,019.95
	Black Thruster	550-0862	\$999.95
	Highlight Machined Tracer	550-0865	\$999.95

EU Compliant per 11032 G

EC-Type Approval for non-original motorcycle noise abatement device



Chrome w/Cutlass



Not recommended for Tri Glide® or other three wheel models including conversions due to ground clearance.



Chrome
w/Chrome Thruster



Chrome
w/Chrome Tracer



Chrome
w/Machined Tracer



Black
w/Black Thruster



Black
w/Machined Tracer





AIR CLEANER KITS & COVERS

TUNED INDUCTION AIR CLEANER KITS

for 2017–2021 M8 models

Air flow is everything in a performance engine and naturally, it begins at the air filter. Factory units are downright boxy and can be very restrictive. The S&S Cycle Tuned Induction Air Cleaner uses two laser cut and highly engineered tubes merged into a single collector and fed by a pair of high flow air filters placed directly in unobstructed air stream. The end result is maximum performance for your engine and a stylish package.

- Bolt-on performance—over twice the filtering area of stock intake system
- Increases horsepower and torque across the rpm range using air column inertia and timed gas dynamic pressure waves
- Smooth intake tract of carefully selected tuned lengths increases performance
- High flow washable and reusable cotton media filter elements
- Tig welded
- Available in chrome, gloss black powder coat, or brushed stainless steel finish
- Water resistant rain socks also available (part # 106-0248)

TUNED INDUCTION AIR CLEANER KIT

FINISH	PART #	MSRP
Gloss Black	170-0565A	\$463.95
Chrome	170-0566A	\$472.95
Stainless Steel	170-0565A	\$463.95

Exempt from emissions tampering regulations under CARB EO# D-355-37



The Tuned Induction System will not fit on motorcycles equipped with fairing lower glove boxes or Twin-Cooled™ models



AIR STINGER™ STEALTH AIR CLEANER KITS

for 2017–2021 M8 models

The Air Stinger takes the existing high flow Stealth air cleaner and replaces the air smoothing stinger with a similarly shaped filter element. More filter surface equals a 55% gain over a factory filter in an M8.

Also available with the classic Mini Teardrop cover in black or chrome or as a replacement cover plate to update your existing Stealth system. The Air Stinger filter element is washable just like the Stealth filters and designed to last for years.



TEARDROP FINISH	PART #	MSRP
Gloss Black	170-0718	\$399.95
Chrome	170-0717	\$399.95
WITH S&S RING		
Brushed Ring	170-0714	\$229.95
AIR STINGER™ FILTER ONLY	170-0723	\$69.95

NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE

*Qualified Manufacturer Declared 49-State Federal Emissions Compliant Partt

⚠️ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov



STEALTH AIR CLEANER KITS

See previous page for Air Stinger Kits

Fitment:

- 2017–2021 HD® models with M8 engine
- Works with Screamin' Eagle® 64mm throttle body

Features & Benefits:

- Included actuator cover, hides TBW servo motor for a clean, attractive installation
- Backplate made from high-strength advanced synthetic polymer—reduces heat transfer to intake air
- Use with your stock HD M8 engine air cleaner cover (Adapter required—see below)
- High flow (1" taller) filter kit available (P/N 170-0127*)
- Cooler, denser air allows for more efficient cylinder fill & better performance



Air 1

STEALTH AIR CLEANER KITS (Kits include Stealth Kit 170-0354C—Exempt from emissions tampering regulations under CARB EO# D-355-30 for all fuel injected models)

Tribute		Teardrop		Carbon Fiber	Mini		Airstream	
Chrome	Gloss Black	Chrome	Gloss Black	Black	Chrome	Gloss Black	Chrome	Gloss Black
170-0595A	170-0598A	170-0524B	170-0525B	170-0498B	170-0435C	170-0436C	170-0390C	170-0397C
\$377.95	\$377.95	\$377.95	\$377.95	\$550.95	\$377.95	\$377.95	\$377.95	\$391.95

Tri-Spoke	Torker	Air 1
170-0392C	170-0393C	170-0394C
\$387.95	\$377.95	\$377.95

 WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

See ALL our cover options next page



Tribute in Chrome



Mini in Gloss Black

KIT ONLY — NO COVER		MSRP
Stealth Air Cleaner Kit for Stock M8 & 64mm Throttle Body	170-0354C	\$205.95
Adapter for Stock M8 Air Cleaner Cover	170-0352	\$71.95



The S&S Stealth air cleaner backplate is made from the same high-strength advanced synthetic polymers used in high performance automotive intake manifolds and high-end handgun bodies! It offers superior mechanical properties, thermal stability, and chemical resistance. Designed to reduce heat transfer to the intake air for more efficient induction.



STEALTH AIR CLEANER COVERS (covers only)

STEALTH COVERS

Tribute		Carbon Fiber	Teardrop		Teardrop—Slasher		Mini	
Chrome	Gloss Black	Black	Chrome	Gloss Black	Chrome	Gloss Black	Chrome	Gloss Black
170-0592	170-0593	170-0501	170-0530	170-0531	170-0532	170-0533	170-0367	170-0366
\$203.95	\$203.95	\$356.95	\$205.95	\$203.95	\$216.95	\$214.95	\$203.95	\$203.95

Tri-Spoke	Torker	Air 1	Airstream		Displacement
Gloss Black w/Highlights	Gloss Black w/Highlights	Gloss Black w/Highlights	Chrome	Gloss Black	124
170-0210	170-0206	170-0214	170-0118	170-0396	170-0321
\$193.95	\$193.95	\$193.95	\$193.95	\$195.95	\$203.95

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Tribute in Chrome



Tribute in Gloss Black



Carbon Fiber



Teardrop in Chrome



Teardrop in Gloss Black



Teardrop Slasher in Chrome



Teardrop Slasher in Gloss Black



Mini in Chrome



Mini in Gloss Black



Tri-Spoke



Torker



Air 1



Airstream in Gloss Black



Airstream in Chrome



124

HIGH FLOW AIR FILTER KITS

Fitment:

- S&S Stealth Air Cleaners

Features & Benefits:

- Low restriction filter element comes pre-oiled for true plug and play installation
- 1" wider filtration area provides up to 37% more airflow over standard S&S filters
- Resulting band of exposed filter material imparts a high performance look

Kit Contents

- Wide filter
- Filter spacers



HIGH FLOW AIR FILTERS

Description	Fitment	Part #	MSRP
High Flow Air Filter Kit <i>(includes spacers)</i>	Stealth, 1" Taller	170-0127*	\$91.95
1" Taller Filter Only	Stealth	170-0154	\$61.95
Spacer	Classic Teardrop & Stealth, 1" Taller	50-5009-S	\$19.95

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REPLACEMENT FILTERS

STANDARD REPLACEMENT AIR FILTERS

Fitment	Part #	MSRP
Stealth	170-0126	\$61.95

AIR STINGER PRE-FILTERS

Fitment	Part #	MSRP
Teardrop	170-0747	\$61.95
Ring	170-0748	\$61.95

STEALTH PRE-FILTERS

Fitment	Part #	MSRP
Standard	170-0193	\$61.95
1" Tall	170-0197	\$61.95

PRE-FILTERS (rain socks)

Fitment

- S&S® Air Stinger & Stealth Air Filters

Features & Benefits:

- Water resistant
- Prevents large debris from prematurely clogging filter
- Washable nylon
- Promotes longer filter life
- Reduces the risk of water entering air intake system



170-0747



170-0748



170-0197

EUROPEAN SPEC EC STEALTH AIR CLEANER KITS

(for Europe)

- 2018–2020 M8 Softail® models (e9 11026G)
- 2017–2020 M8 touring models

EC STEALTH AC KITS

2018–2020 M8 Softail models <i>cover sold separately</i>	170-0521	\$239.95
2017–2020 M8 touring models <i>cover sold separately</i>	170-0521	\$239.95

EU Type-Approval: e9*134/2014*2018/295G*11026*00





129", 132", & 136" BIG BORE KITS

Fitment:

- 2017–2021 touring models
- 2018–2021 Softail® models

Features & Benefits:

- Huge bore increase (4.320") means huge power increase
- Works with stock crankcases
- Original engine serial numbers are retained
- Powder coat finish match factory finish, giving the bike a “sleeper” advantage
- MLS (multi-layered steel) head gaskets
- Retains stock engine height
- Includes Cam Cover Badge
- Must be used with our stroker flywheels to achieve 136" displacement (part #s 320-0605)

129, 132, & 136 KITS FOR 2017–2021 TOURING MODELS

Displacement	Stroke	Finish	Part #	MSRP
129"	4.375"	Wrinkle Black with Highlighted Fins	910-0843	\$1,544.95
	4.375"	Wrinkle Black with Non-Highlighted Fins	910-0844	\$1,544.95
132"	4.500"	Wrinkle Black with Highlighted Fins	910-0845	\$1,544.95
	4.500"	Wrinkle Black with Non-Highlighted Fins	910-0846	\$1,544.95
136"	4.625"	Wrinkle Black with Highlighted Fins	910-0848	\$1,565.95
	4.625"	Wrinkle Black with Non-Highlighted Fins	910-0849	\$1,550.95

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S&S does not recommend compression ratios higher than 10:1 for Tri Glide® or other three wheel models (including conversions) due to extra loads caused by the lugging nature of these bikes. Detonation and subsequent engine damage may result.



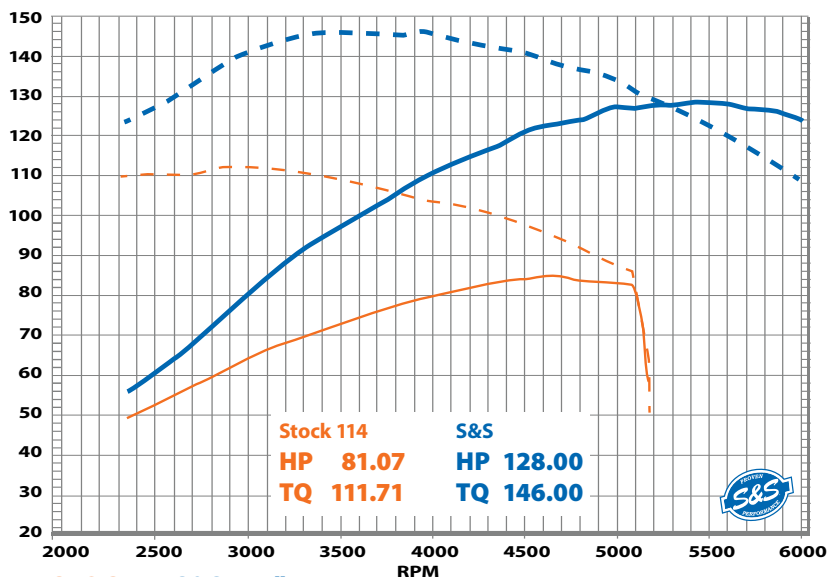
124" & 128" BIG BORE KITS

Fitment:

- 2017–2021 touring models
- 2018–2021 Softail® models

Features & Benefits:

- 107" to 124" Big Bore Kit
- 114" to 128" Big Bore Kit
- 114" & 117" CVO™ to 128" Big Bore Kit
- 4.250" Bore
- Forged Pistons
- 11:1 Compression Ratio
- Wrinkle Black or Black Granite Finish
- Available with or without Highlighted Fins
- Bolt-on Kit—No Machining Required
- Includes Head, Base, & Exhausts Gaskets & Hardware



STOCK vs S&S 128" KIT

on a 2018 HD® Street Glide®—with a stock throttle body, Stealth Air Cleaner, & 2-1 exhaust system

124 & 128 BIG BORE KITS FOR 2017–2021 TOURING MODELS & 2018–2021 SOFTAIL® MODELS

Displacement	Finish	Part #	MSRP
124"	Wrinkle Black with Non-Highlighted Fins	910-0681	\$1,561.95
	Wrinkle Black with Highlighted Fins	910-0625	\$1,561.95
128"	Wrinkle Black with Non-Highlighted Fins	910-0685	\$1,561.95
	Wrinkle Black with Highlighted Fins	910-0684	\$1,561.95
	Black Granite with Highlighted Fins	910-0733	\$1,559.95

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131" CYLINDER & PISTON KIT

- Huge displacement increase means huge power increase
- Works with stock crankcases
- Original engine serial numbers are retained
- Powder coat finish match factory finish, giving bike a “sleeper” advantage
- .045" MLS (multi-layered steel) head gaskets
- Retains stock engine height
- Includes 131" Cam Cover Badge
- Must be used with our stroker flywheels to achieve 131" displacement (see page 34)

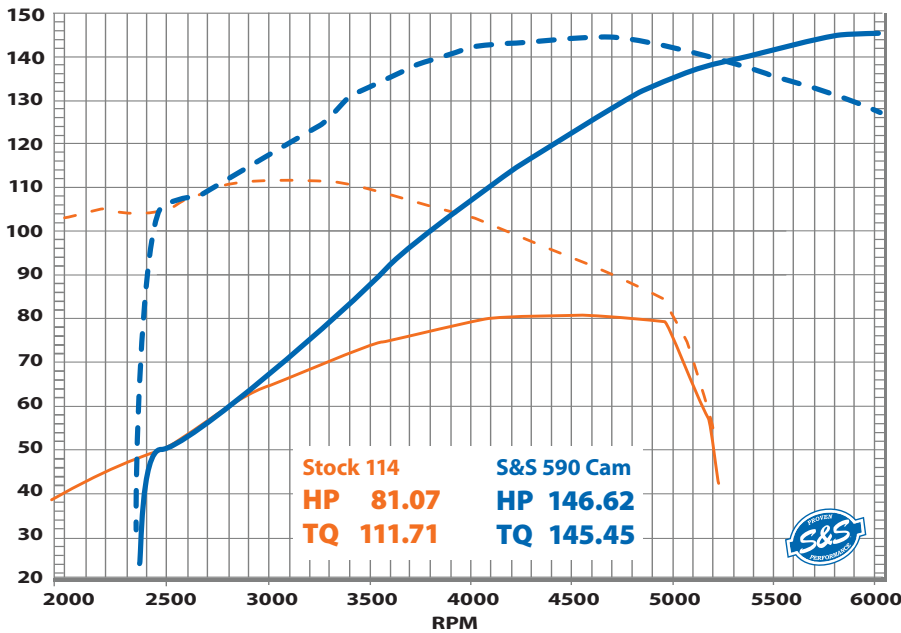
CYLINDER & PISTON KITS FOR 2017–2021 TOURING MODELS & 2018–2021 SOFTAIL® MODELS

Displacement	Finish	Part #	MSRP
131"	Wrinkle Black with Non-Highlighted Fins	910-0763	\$1,559.95
	Wrinkle Black with Highlighted Fins	910-0762	\$1,559.95
	Black Granite with Highlighted Fins	910-0764	\$1,559.95



See our 131" flywheels on page 34

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STOCK vs S&S 131" KIT
on a 2018 HD® Street Glide®— with CNC Heads, Big Bore Throttle Body, and High-flow Stealth Air Cleaner



BIG BORE CYLINDER SETS

Fitment:

- 2017–2021 touring models
- 2018–2021 Softail® models

Features & Benefits:

- 4.250" Bore
- Wrinkle Black or Black Granite Finish
- Available with or without Highlighted Fins

CYLINDER SETS

Displacement	Finish	Part #	MSRP
124"	Wrinkle Black with Non-Highlighted Fins	910-0683	\$948.95
128"	Wrinkle Black with Highlighted Fins	910-0682	\$948.95
131"	Black Granite with Highlighted Fins	910-0739	\$948.95

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BIG BORE PISTON KITS

- Piston kits include set of pistons, rings, wristpins, and clips

4.250" BORE PISTON KIT FOR M8 MODELS

Displacement	Deck Height	Stroke	Standard	MSRP	+.010	MSRP
124" 4.3cc Dished	1.143"	4.375"	920-0135	\$629.95	920-0141	\$629.95
128" 7.3cc Dished	1.0805"	4.500"	920-0140	\$629.95	920-0142	\$617.95
131" 10.3cc Dished	1.0805"	4.625"	920-0149	\$629.95	920-0148	\$629.95

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REPLACEMENT PARTS FOR PISTONS

Piston Ring Set	2 Pack	940-0060	\$163.95
Piston +.010" Ring Set	2 Pack	940-0062	\$163.95
Wristpin Keeper		94-9278-S	\$10.95
Wristpin, .927" x 2.500"		940-0037	\$27.95

GASKET KIT

Description	Thickness	Qty	Part #	MSRP
Head gasket, 4.250" Bore, Stock bolt pattern	.030"	2 Pack	930-0140	\$101.95
Base gasket, Stock to 4.250" Bore, Stock bolt pattern	.014"	2 Pack	930-0139	\$61.95
Gasket Kit, includes Head, Base, & Exhaust, 4.25" Bore			900-0955	\$164.95
Plug			500-0835	\$14.95
Cylinder Dowel Pin		4 Pack	500-0849	\$14.95
HARDWARE KIT			910-0677	\$40.95



124" POWER PACKS

107" to 124" Big Bore Kit:

- Available with or without fin highlighting
- Bolt-on kit—*No case machining required*
- 4.250" bore
- Forged pistons
- 11:1 compression ratio

Oil Pump/Cam Plate:

- Precision machined from billet aluminum
- Independent scavenge sections for flywheel cavity & cam chest
- Debris screens in both scavenge pickups
- Magnet in cam chest to help to stop debris from entering oil pump
- 44% flow increase on supply side & 58% flow increase on scavenge side
- Pressure relief valve is adjustable with unit installed in engine
- Kits now include updated oil pump with groove for optional OEM oil seal

Pushrods:

- Quickee pushrods
- Chrome or gloss black pushrod tubes available

Tappets:

- Hand assembled to exacting tolerances
- Reduced valve train noise from start up to shut down
- Close tolerances for low leak down rates
- Fast pump up and superior high rpm performance

Tappet Cuffs:

- Hard anodized black coating
- Billet aluminum construction
- Improve tappet stability in high lift & high rpm situations

Cam:

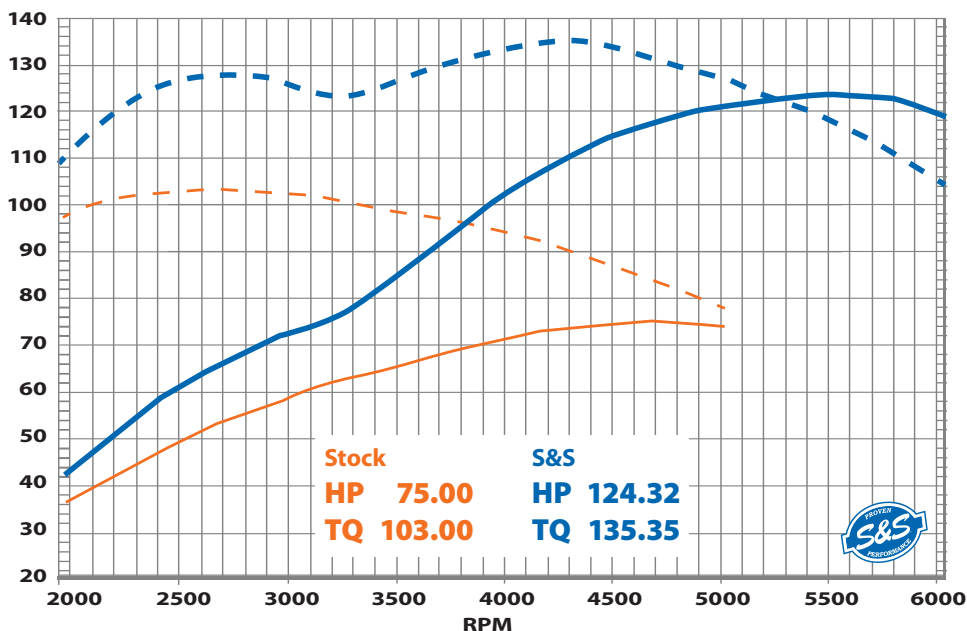
- S&S 550 cam—*Designed for big bore applications*
- Available in both gear drive & chain drive variations
- Gear drive kits provide improved cam timing accuracy
- Gear drive kits include outer drive gears

Valve Springs:

- High performance conical single wire spring
- Includes top collars, keepers, & valve seals/bottom collars

Cam Chain Tensioner

- Comes with Chain Drive Kits
- Precision Machined from Billet Aluminum
- Thicker shoe for longer wear
- Direct chain oiling
- Larger piston for more consistent pressure
- Tighter tolerances improves stability



S&S does not recommend compression ratios higher than 10:1 for Tri Glide® or other three wheel models (including conversions) due to extra loads caused by the lugging nature of these bikes. Detonation and subsequent engine damage may result.

STOCK vs S&S

on a 2017 HD® Limited— with S&S 124" Power Pack, Power Tune® Dual Headers, Mk45 Exhaust, and Stealth Air Cleaner Kit


124" POWER PACKAGE KIT FOR 2017 TOURING MODELS & ALL 2018–2021 HD® MODELS WITH 107" ENGINE

Cooling System	Finish	Drive	Pushrod Tubes	Part #	MSRP
Oil	Wrinkle Black with Highlighted Fins	Chain	Chrome	310-1052B	\$3,265.95
Oil	Wrinkle Black with Highlighted Fins	Gear	Chrome	310-1053A	\$3,460.95
Oil	Wrinkle Black with Highlighted Fins	Chain	Black	310-1056B	\$3,265.95
Oil	Wrinkle Black with Highlighted Fins	Gear	Black	310-1058A	\$3,460.95
Oil	Wrinkle Black with Non-Highlighted Fins	Chain	Black	310-1057B	\$3,265.95
Oil	Wrinkle Black with Non-Highlighted Fins	Gear	Black	310-1059A	\$3,695.95
Water	Wrinkle Black with Highlighted Fins	Chain	Chrome	310-1050B	\$3,265.95
Water	Wrinkle Black with Highlighted Fins	Gear	Chrome	310-1051A	\$3,460.95
Water	Wrinkle Black with Highlighted Fins	Chain	Black	310-1054B	\$3,265.95
Water	Wrinkle Black with Highlighted Fins	Gear	Black	310-1055A	\$3,427.95

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128" POWER PACKS

for 2017–2021 M8 models with 4.500" stroke

114" to 128" Big Bore Kit &

114" & 117" CVO to 128" Big Bore Kit:

- Wrinkle black or black granite finish
- Available with or without fin highlighting
- Bolt-on kit—No case machining required
- 4.250" Bore
- Forged pistons
- 11:1 Compression ratio

Oil Pump/Cam Plate:

- Precision machined from billet aluminum
- Independent scavenge sections for flywheel cavity & cam chest
- Debris screens in both scavenge pickups
- Magnet in cam chest to help to stop debris from entering oil pump
- Increased flow capacity on both feed & scavenge side
- Pressure relief valve is adjustable with unit installed in engine
- Kits now include updated oil pump with groove for optional OEM oil seal

Pushrods:

- Quickee pushrods with chrome covers

Tappets:

- Hand assembled to exacting tolerances
- Reduced valve train noise from start up to shut down
- Close tolerances for low leak down rates
- Fast pump up and superior high rpm performance

Tappet Cuffs:

- Hard anodized black coating
- Billet aluminum construction
- Improve tappet stability in high lift & high rpm situations

Cam:

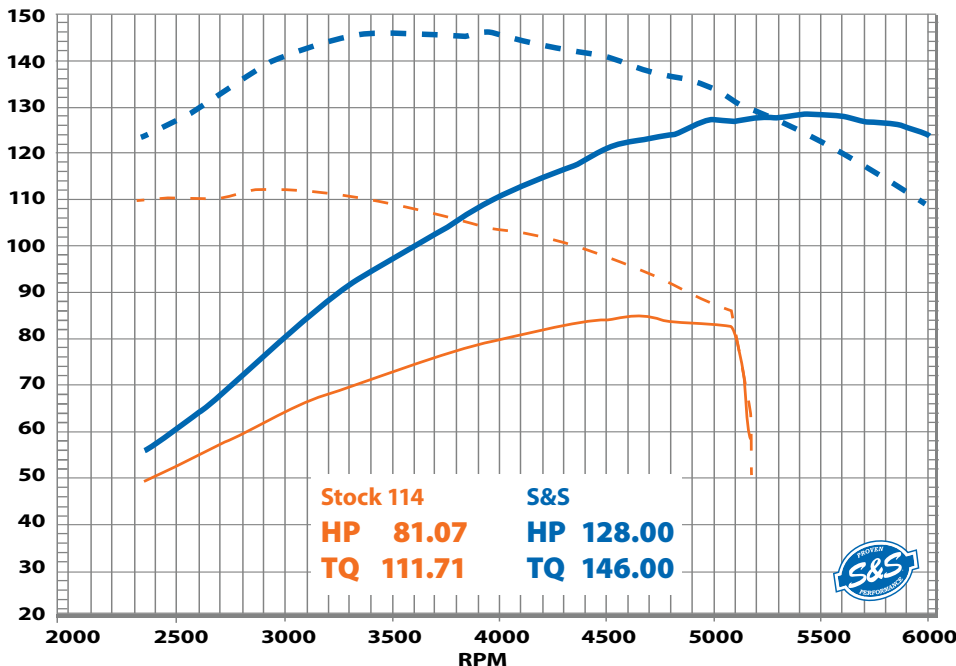
- S&S 550 cam—Designed for big bore applications
- Available in both gear drive & chain drive variations
- Gear drive kits provide improved cam timing accuracy
- Gear drive kits include outer drive gears

Valve Springs:

- High performance conical single wire spring
- Includes top collars, keepers, & valve seals/bottom collars

Cam Chain Tensioner

- Comes with Chain Drive Kits
- Precision Machined from Billet Aluminum
- Thicker shoe for longer wear
- Direct chain oiling
- Larger piston for more consistent pressure
- Tighter tolerances improves stability

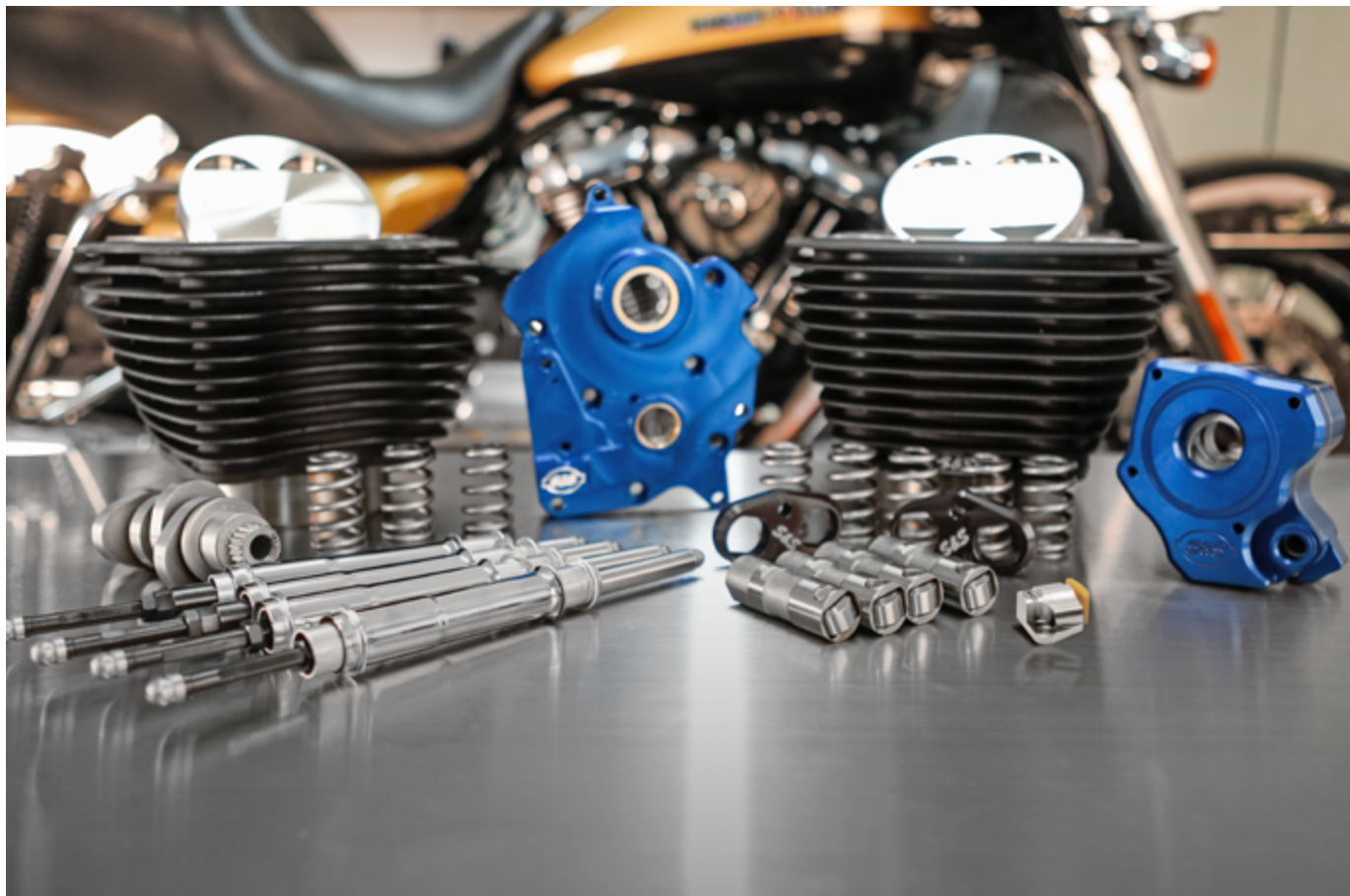


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STOCK vs S&S

on a 2018 HD® Street Glide®— with S&S 128" Power Pack, stock throttle body, Stealth Air Cleaner and 2-1 Exhaust System





128" POWER PACKAGE KIT FOR 2017–2021 M8 MODELS WITH 114" ENGINE

Cooling System	Finish	Drive	Part #	MSRP
Water	Wrinkle Black with Highlighted Fins	Chain	310-1101B	\$3,265.95
Water	Wrinkle Black with Highlighted Fins	Gear	310-1102A	\$3,460.95
Oil	Wrinkle Black with Highlighted Fins	Chain	310-1103B	\$3,265.95
Oil	Wrinkle Black with Highlighted Fins	Gear	310-1104A	\$3,460.95
Oil	Wrinkle Black with Non-Highlighted Fins	Chain	310-1105B	\$3,265.95
Oil	Wrinkle Black with Non-Highlighted Fins	Gear	310-1106A	\$3,460.95
Water	Black Granite with Highlighted Fins	Chain	310-1107B	\$3,265.95
Water	Black Granite with Highlighted Fins	Gear	310-1108A	\$3,427.95
Oil	Black Granite with Highlighted Fins	Chain	310-1109B	\$3,265.95
Oil	Black Granite with Highlighted Fins	Gear	310-1110A	\$3,460.95

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3 PIECE FLYWHEEL ASSEMBLIES

The crankshaft is the heart of any performance engine and S&S Cycle has been perfecting the art for over six decades. Stronger, more durable, and tried to a spec others can only dream of, our new crankshaft assemblies for the M8 platform are the best of the best to build your high performance engine around.

Features & Benefits:

- Available in 4 3/8", 4 1/2" & 4 5/8" Stroke
- Available with or without Balancer Gear
- Heat Treated 4140 Material is harder & more than twice as strong as stock
- Stronger assembly eliminates need to weld crankpin
- S&S High Strength Connecting Rods are designed with Finite Element Analysis to eliminate weak spots and handle more power!
- Available with either full width or tapered wristpin connecting rods
- Perfect for Gear Drive Cams
- Consistent balance & precision machining
- Capable of higher RPM



FLYWHEEL ASSEMBLIES FOR 2017–2021 M8 MODELS

Displacement <i>(with S&S® cylinders & pistons)</i>	Stroke	Compression Ratio	Balanced to Total Piston Weight (gms)	Part #	MSRP
124"	4 3/8"	10.8	1213	320-0604	\$1,876.95
128"	4 1/2"	10.8	1213	320-0603	\$1,876.95
131"	4 5/8"	10.8	1213	320-0605	\$1,876.95

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 WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



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TOP END GUARDIAN KIT

The M8 engine platform is capable of serious power, but it also has a few weak spots. The new S&S Cycle Guardian Kit is designed to update the top end to better support big bore and cam mods. If you're doing a 124/128/131 conversion this kit is a must have!

- **Everything you need** to update top end in one convenient kit!
- **Rocker arm shafts** are 66% stronger than stock
- **Rocker arm stud kit** extends the life of your cylinder heads by preventing damage to the rocker arm towers
- **Head bolt kit** is made of 8640 heat treated steel with 200,000 psi Ultimate Tensile strength cold rolled threads & formed washer make these head bolts durable & reusable
- **Roller rocker arms** help relieve additional stress caused by high lift camshafts running at high rpm!

TOP END GUARDIAN KIT

900-1092

\$917.95

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475 PERFORMANCE CAM KIT WITH TUNER

Fitment:

- 2017–2019 touring models

Features and benefits:

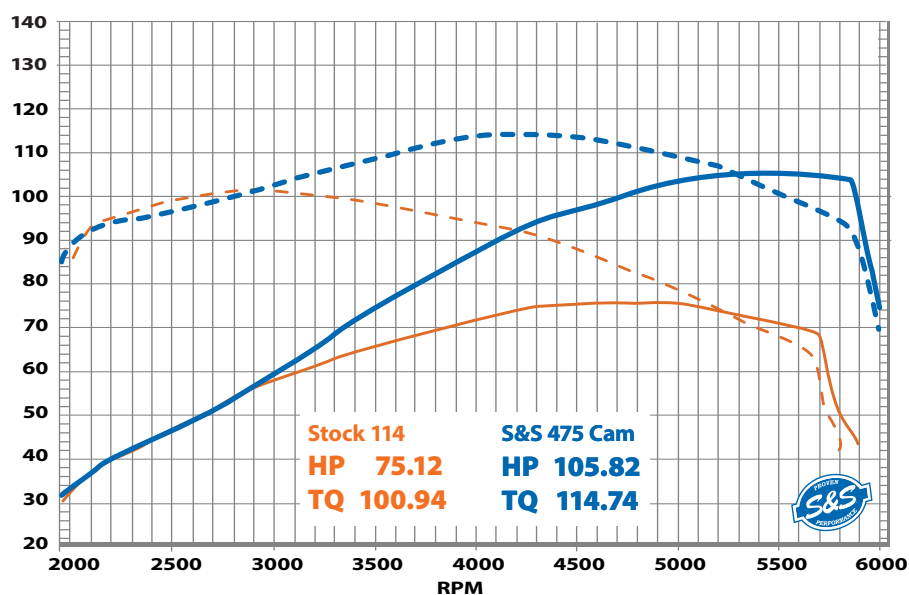
- Bolt-in, legal performance
- Choose between chain or gear driven cam kits
- No need for expensive dyno tuning
- Display vehicle data channels in real-time
- Weather-resistant for use in all conditions
- High contrast display, viewable in direct sunlight

Not yet available for 2020 or 2021 models

475 PERFORMANCE CAM KIT FOR 2017–2019 M8 MODELS

475 Chain Drive	330-0725	\$628.95
475 Gear Drive	330-0726	\$846.95

Exempt from emissions tampering regulations under CARB EO# D-355-32



NOTES

Designed to work specifically with our Stealth air cleaner kits and Mk45 mufflers with a stock header or our El Dorado exhaust system



STOCK vs S&S 475 CAM

on a 2017 touring bike— with Stealth Air Cleaner and El Dorado Exhaust System



CAMSHAFT SPECS

350: Stock specs, but eliminates cam drive chain & tensioner

465: Bolt-in cam designed to make best power from 1500–4500 RPM. Excellent low and mid-range torque make this a great choice for two-up riding and touring where low end grunt is the priority. Works great with stock bore, heads and throttle body and with compression ratios up to around 10:1.

475: Bolt-in cam providing best power from 2200–5200 RPM in engines with displacements from 107–135 cubic inches. Compatible with compression ratios up to 11:1. Works great with stock heads and throttle body for mid range power but with the ability to stretch the power higher into the RPM band with more mods.

540: Designed to add even more stump pulling torque to your big bore M8, for those that keep the revs below 6000 RPM when combined with 124 & larger big bore kits.

550: High lift cams for maximizing peak torque and horsepower. Designed to make top end power in combination with our big bore cylinder and piston kits. Excellent power from 3000 RPM to redline. Requires performance valve springs and adjustable pushrods. Suitable for compression ratios between 10:1 and 12-1.

590: Designed as an all out Horsepower Cam for 124 and larger engines. Big lift lets your big mill breathe high into the RPM range!



S&S® CAMSHAFT SPECIFICATIONS

Cam Name	Cylinder	Valve Timing		Valve Duration		Valve Lift		Lobe Center Line		Valve Lift @TDC	
		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust
		Open BTDC/ Close ABDC	Open BBDC/ Close ATDC								
350G Stock Grind Gear Drive	Both	-7.0/1.0	33.0/-14.0	174.0	199.0	.350	.374	94.0	113.5	.057	.048
465 Performance	Front	2.6/14.6	30.1/8.8	197.2	218.9	.462	.462	96.0	100.6	.087	.109
	Rear	2.8/14.4	33.1/5.8	197.2	218.9	.462	.462	95.8	103.6	.088	.098
475 HP	Front	6.2/27.2	55.5/28.5	213.5	263.9	.475	.475	100.5	103.5	.107	.208
	Rear	2.2/31.2	52.5/20.2	213.5	252.5	.475	.475	104.5	106.0	.093	.170
540 Big Bore Torque	Front	17.7/30.6	21.2/33.9	228.3	235.1	0.540	0.540	96.4	83.6	0.175	0.262
	Rear	14.9/28.7	37.7/26.9	223.6	244.6	0.540	0.540	96.9	95.4	0.161	0.216
550 Big Bore	Front	9.4/29.4	62.5/30.5	218.9	273.1	.550	.550	100.0	106.0	.127	.232
	Rear	3.1/31.1	59.4/38.4	214.2	277.8	.550	.550	104.0	100.5	.099	.264
590 Big Bore Max HP	Front	15.6/43.7	64.8/21.2	239.4	266.1	0.59	0.59	104.1	111.7	0.165	0.186
	Rear	20.2/53.6	62.7/15.7	253.9	258.4	0.59	0.59	106.7	113.5	0.186	0.158

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CAM KITS

Fitment:

- 2017–2021 touring and 2018–2021 Softail® models

Features & Benefits:

- **350G** gear drive cam has stock specs, but eliminates cam drive chain & tensioner
- **465** Cam is designed for touring applications, focusing power in lower RPM range and substantial increase in torque
- **475** Cam bumps HP to over a 100 and makes bigger power towards top end of RPM range
- **540** Cam was designed to add even more stump pulling torque to your big bore M8
- **550** Cam was designed for maximizing peak torque and horsepower
- **590** Cam is designed as an all out Horsepower Cam for 124 & larger engines
 - Big lift lets your big mill breathe high into the RPM range!
- Cam kits include all required bearings, o-rings, and hardware
- Gear drive cams provide improved valve timing accuracy
- Made in the USA
- S&S Camshaft installation kits* for M8 models include the essentials for performance cam installations: a high quality inner needle bearing, cam cover gasket, o-rings and gear drive specific hardware on gear drive kits are bundled with step by step instructions to smooth out your bumpstick install

CHAIN DRIVE CAMSHAFTS FOR 2017–2021 HD® MODELS WITH M8 ENGINE

Description	Part #	MSRP
465C	330-0620	\$234.95
475C	330-0641	\$299.95
540C	330-0713	\$234.95
550C	330-0643	\$252.95
590C	330-0730	\$234.95

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REPLACEMENT PARTS

Description	Part #	MSRP
Cam Cover Gasket	310-0911	\$21.95
Pinion Gear	330-0622	\$131.95
Undersized Pinion Gear	330-0626	\$132.95
Oversized Pinion Gear	330-0627	\$132.95
Cam Gear Drive	330-0621	\$252.95

GEAR DRIVE CAMSHAFTS FOR 2017–2021 HD® MODELS WITH M8 ENGINE

Description	Part #	MSRP
350G – Stock	330-0625	\$458.95
465G	330-0624	\$463.95
475G	330-0645	\$458.95
540G	330-0715	\$458.95
550G	330-0647	\$459.95
590G	330-0732	\$472.95

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*CAMSHAFT INSTALLATION KITS FOR ALL 2017–2021 M8 MODELS

Description	Part #	MSRP
Chain Drive Installation Kit	330-0619	\$54.95
Gear Drive Installation Kit	330-0623	\$61.95



OIL CONTROL VALVE

Often ignored, the factory oil control valve on all oil cooled M8 engines regulates the amount of oil flowing to the oil cooler/heads.

The stock assembly includes a check ball retainer that is formed steel. Over time, this retainer can fatigue and break, causing chips to flow through the oil system, back into the tank and can cause significant damage along the way.

- The S&S oil control valve is constructed of 6061 billet aluminum and the check ball retainer is machined from high strength steel for long-lasting durability. Don't risk the integrity of your performance engine!
- High-Strength Billet Construction
- Easy to Install



OIL CONTROL VALVE

310-1150

\$50.95



*Don't let this happen to you!
Your M8 engine is too valuable not to protect.*

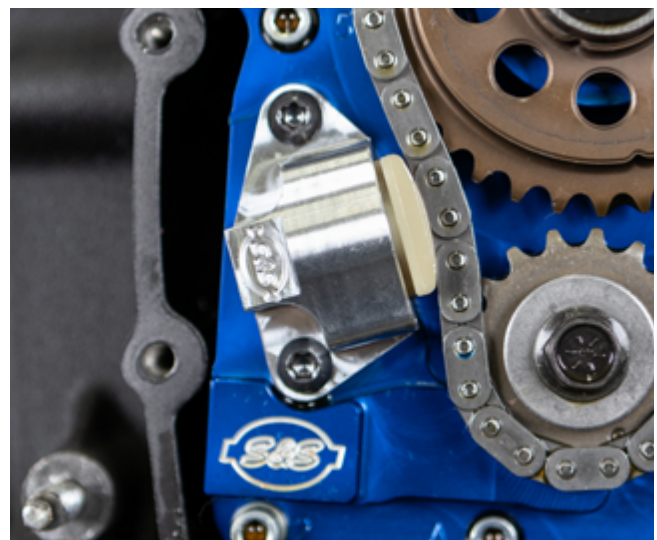
CAM CHAIN TENSIONER

Fitment

- 2017–2021 M8 models

Features & Benefits:

- Precision Machined from Billet Aluminum
- Thicker shoe for longer wear
- Direct chain oiling
- Larger piston for more consistent pressure
- Tighter tolerances improves stability



CAM CHAIN TENSIONER FOR M8 MODELS

330-0737

\$104.95

CAM PLATE & OIL PUMP KITS

Fitment:

- 2017–2021 touring M8 models

Oil Pumps

- Precision machined from billet aluminum
 - Independent scavenge sections for flywheel cavity and cam chest
 - Debris screens in both scavenge pickups
 - Magnet in cam chest to help prevent debris from entering pump
- Pressure relief valve can be adjusted with unit in engine

Cam Plate

- Precision machined from billet aluminum
- Passage plugs removable for servicing
- Bronze bushings for better lubrication & improved wear characteristics

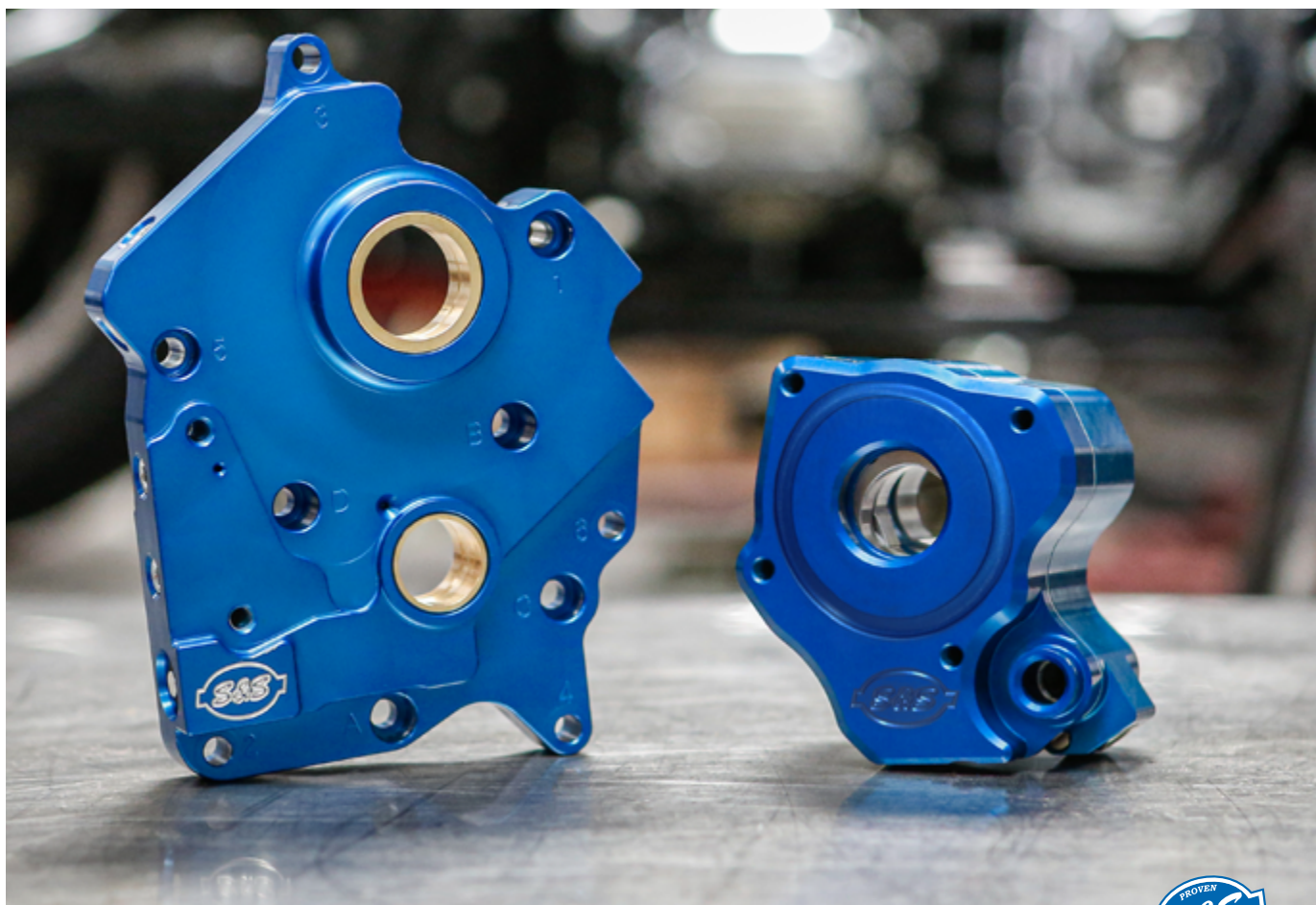
Kits

- Buy together and save \$\$

- 44% flow increase on supply side and 58% flow increase on scavenge

CAM PLATE & OIL PUMP KITS FOR M8 MODELS

Description	Part #	MSRP
Cam Plate & Oil Pump/Oil-Cooled	310-0998B	\$836.95
Cam Plate & Oil Pump/Water-Cooled	310-0997B	\$836.95
CAM PLATE ONLY	310-0939A	\$406.95
OIL PUMP ONLY		
Description	Part #	MSRP
Oil-Cooled	310-0959A	\$615.95
Water-Cooled	310-0947A	\$587.95



CAM CHEST KITS

Fitment:

- 2017–2021 HD® touring models
- 2018–2021 HD Softail® models

Oil Pump/Cam Plate:

- Precision machined from billet aluminum
- Passage plugs removable for servicing
- Independent scavenge sections for flywheel cavity and cam chest
- Debris screens in both scavenge pickups
- Magnet in cam chest to help to stop debris from entering oil pump
- 44% flow increase on supply side and 58% flow increase on scavenge
- Pressure relief valve is adjustable with unit installed in engine
- Kits now include updated oil pump with groove for optional OEM oil seal

Pushrods:

- Quickee Pushrods
- Chrome or Gloss Black pushrod tubes available

Tappets:

- Hand assembled to exacting tolerances
- Reduced valve train noise from start up to shut down
- Close tolerances for low leak down rates
- Fast pump up and superior high rpm performance

Tappet Cuffs:

- Hard anodized black coating
- Billet aluminum construction
- Improve tappet stability in high lift & high rpm situations

Cam:

- S&S 465, 475, 540, or 550 cam
- 465 is a torque cam—*perfect for touring applications*
- 475 is a bolt-in 100hp cam!
- 540 is designed to add even more stump pulling torque to your big bore M8, for those that keep the revs below 6000 rpm. Requires the addition of valve springs (*included in kit*)
- 550 is designed for use with large displacement engines. Requires the addition of valve springs (*included in kit*)
- Available in both gear drive and chain drive variations
- Gear drive kits provide improved cam timing accuracy & eliminate the stock cam chain tensioner

Valve Springs:

- Comes with the high lift kits, 540 & 550
- Works with cams up to .605 lift
- High Performance Conical Single Wire Spring
includes: Springs, Top Collars, Keepers, Valve Seal/Bottom Collar

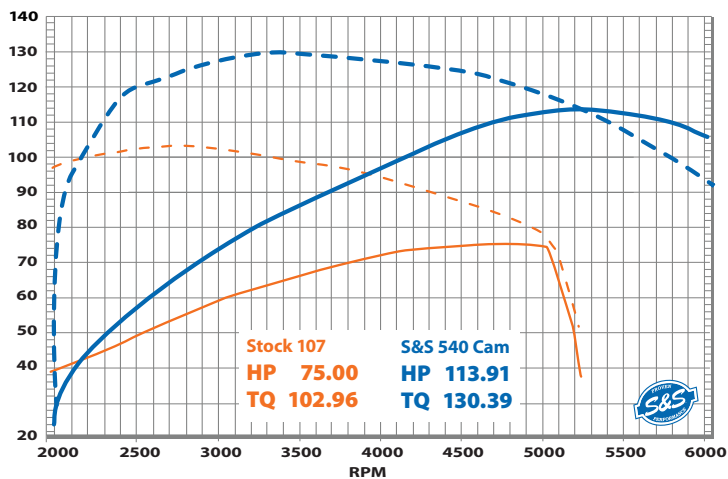
Cam Chain Tensioner

- Comes with Chain Drive Kits
- Precision Machined from Billet Aluminum
- Thicker shoe for longer wear
- Direct chain oiling
- Larger piston for more consistent pressure
- Tighter tolerances improves stability



INCLUDES ALL GASKETS, BEARINGS, & HARDWARE REQUIRED FOR INSTALLATION
MADE IN USA



**STOCK CAM vs 540 CAM**

on a 2017 HD® Limited — 124 Big Bore kit, 5.5 g/s injectors,
2-1 Sidewinder, Stealth +1 Air Cleaner

STOCK CAM	Max Power = 75.00
	Max Torque = 102.96
540 CAM	Max Power = 113.91
	Max Torque = 130.39

CAM CHEST KITS FOR 2017–2021 TOURING MODELS & 2018–2021 SOFTAIL® MODELS

Oil Cooled	Pushrods	Part #	MSRP
Chain Drive 550C	Chrome	310-1082B	\$1,937.95
Chain Drive 540C	Chrome	310-1118A	\$1,864.95
Chain Drive 475C	Chrome	310-1004B	\$1,580.95
Chain Drive 465C	Chrome	310-1003B	\$1,580.95
Gear Drive 550G	Chrome	310-1083A	\$2,193.95
Gear Drive 540G	Chrome	310-1119	\$2,172.95
Gear Drive 475G	Chrome	310-1006A	\$1,774.95
Gear Drive 465G	Chrome	310-1005A	\$1,774.95
Chain Drive 475C	Black	310-1012B	\$1,621.95
Chain Drive 465C	Black	310-1011B	\$1,621.95
Gear Drive 475G	Black	310-1014A	\$1,815.95
Gear Drive 465G	Black	310-1013A	\$1,815.95
Water Cooled	Pushrods	Part #	
Chain Drive 550C	Chrome	310-1080B	\$1,937.95
Chain Drive 540C	Chrome	310-1116A	\$1,846.95
Chain Drive 475C	Chrome	310-1000B	\$1,580.95
Chain Drive 465C	Chrome	310-0999B	\$1,580.95
Gear Drive 550G	Chrome	310-1081A	\$2,131.95
Gear Drive 540G	Chrome	310-1117	\$2,131.95
Gear Drive 475G	Chrome	310-1002A	\$1,774.95
Gear Drive 465G	Chrome	310-1001A	\$1,774.95
Chain Drive 475C	Black	310-1008B	\$1,621.95
Chain Drive 465C	Black	310-1007B	\$1,621.95
Gear Drive 475G	Black	310-1010A	\$1,815.95
Gear Drive 465G	Black	310-1009A	\$1,815.95

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TAPPET CUFFS

Factory tappet guides are constructed of plastic and are at risk for allowing the tappets to twist under heavy stress. S&S Tappet Cuffs capture the tappets without impacting vertical motion and keep them perfectly aligned, even in high stress, high RPM situations

Fitment:

- 2017–2021 touring models
- 2018–2021 HD® Softail® models

Features & Benefits:

- Hard anodized black coating
- Billet aluminum construction
- Stronger material eliminates distortion
- Improve tappet stability in high lift and high rpm situations
- An easy upgrade when changing tappets or doing a cam change



TAPPET CUFFS

Fitment	Part #	MSRP
2017–2021 HD® touring models 2018–2021 HD Softail® models	330-0655	\$84.95

PRECISION TAPPETS

High performance tappets are a cornerstone of the S&S line up and we are always looking to improve our products. After months of research and countless hours of testing we are excited to reveal the latest in performance tappets. The S&S Cycle Precision Tappets replace both our standard as well as premium atappets. Each Precision Tappet is hand assembled to exacting tolerances and designed for quiet operation and rapid pump up and all are made in the USA.

Fitment:

- 2017–2021 big twins with M8 engine

Features & Benefits:

- Reduced valve train noise from start up to shut down
- Close tolerances for low leak down rates
- Fast pump up and superior high rpm performance

PRECISION TAPPETS

Set of 4 tappets	330-0718	\$279.95
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QUICKEE ADJUSTABLE PUSHRODS

ALL S&S QUICKEE PUSHRODS ARE COVERED BY US PATENT NO. 7644694

Fitment:

- 2017–2021 big twins with M8 engine

Features & Benefits:

- Adjustable to accommodate all tappets and cam base circle diameters and engine heights
- Easy to install—removal of rocker box not needed
- No threads on wrench flats
- Also available in gloss black

Kit Contents

- Pushrods, gloss black or chrome pushrod covers, o-rings, and cover keepers



QUICKEE ADJUSTABLE PUSHRODS

Description	Part #	MSRP
Gloss Black Pushrod Kit <i>(includes black pushrod covers, o-rings & cover keepers)</i>	930-0137	\$334.95
Chrome Pushrod Kit <i>(includes chrome pushrod covers, o-rings, & cover keepers)</i>	930-0123[±]	\$314.95
Pushrods Only	93-5122	\$209.95

PUSHROD REPLACEMENT PARTS FOR 2017–2021 BIG TWINS WITH THE M8 ENGINE

Description	Part #	MSRP
Pushrod Cover Kit <i>(includes top & bottom covers, cover cap, cover spring, spring washer, & o-rings for four pushrods)</i>	Gloss Black	930-0124 \$203.95
	Chrome	106-1340 \$193.95
Top Cover	93-4016	\$19.95
Bottom Cover	93-4015	\$21.95
Cover Cap	93-4017	\$14.95
Cover Spring	93-4018	\$7.95
Cover Cap Washer	50-7131	\$6.95
Pushrod O-ring Kit <i>(includes top, middle, & bottom o-rings for four pushrods)</i>	93-4022	\$12.95
Top O-ring	50-8039	\$6.95
Middle O-ring	50-8038	\$6.95
Bottom O-ring	50-8037	\$6.95



PUSHROD COVER KEEPER SETS

Pushrod Cover Keeper Kit (2.200")	Color	Part #	MSRP
	Gloss Black	930-0138	\$40.95
	Chrome	930-0129	\$40.95

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

NOTES S&S quickee pushrods require S&S aftermarket tubes.

ROCKER ARM SHAFT SET

- M8 Rocker Arm Shafts are a direct replacement for OEM (HD® part #17300059B)
- Improved durability
- Made from bearing quality steel, precision centerless ground for perfect fit!
- S&S Shafts are 66% stronger, preventing damage from radical cam profiles



S&S recommends installing Rocker Stud kit 900-1013. See next page.

ROCKER ARM SHAFT SET | 900-1090 | \$173.95

FORGED ROLLER ROCKER ARMS

Big lift cams can open up the high rpm potential of the M8 powerplant, but they can also cause their own issues due to the extra stresses and stock valve train geometry. Excessive valve thrust and valve train wear inspired S&S engineers to design stronger, more durable components that will help you get the most out of your M8.

S&S Forged Roller Rocker arms for M8 models are stronger, more durable and easier on the rest of your valve train, and are essential for increasing the longevity of your valve train components on cams with .540" or greater lift!

Features & Benefits:

- Forged from 8620 steel for greater strength
- Designed using Finite Element Analysis (FEA)
- Rollers eliminate thrusting on valves for decreased wear on the valve train
- Rocker geometry is better suited to high lift cams
- Larger surface area on the thrust surfaces reduces wear on the heads
- Oil is sprayed directly on the valve springs, reducing potential for breaking a valve due to over-heating
(stock rockers tend to oil the rocker boxes, not the valves)
- Compatible with stock or S&S CNC heads
- 1.640 Ratio
- Capable of .650" max Valve Lift
- Serviceable and rebuildable for long term durability
- A must have for cams with .540" or greater lift!



FORGED ROLLER ROCKER ARMS

S&S Forged Roller Rocker Arms for M8 Models	900-1084	\$611.95
Rebuild Kit	900-1087	\$167.95



ROCKER ARM STUD KIT

Features & Benefits:

- Aircraft grade C4037 steel stud and 12 point nut
- Allows for removal of rocker arm assemblies without damage to the head
- A must have for performance builds

ROCKER ARM STUD KIT

Rocker Arm Stud Kit for M8 2017–2021 Models	900-1013	\$122.95
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VALVE SPRINGS

Features & Benefits:

- Works well with cams up to .605" lift
- High Performance conical single wire spring
- Kit includes: Springs, Top Collars, Keepers, & Valve seal/bottom collar



Lift	Installed Height	Seat Force	Force @ Max Lift
.605"	1.535"	68 lb.	264 lb.

VALVE SPRING KIT

Description	Part #	MSRP
Valve Spring Kit for M8 2017–2021 Models	900-0958	\$395.95

REPLACEMENT PARTS FOR VALVE SPRING KITS

Description	Part #	MSRP
Valve Keeper	900-0956	\$7.95
Top Collar	900-0952	\$17.95
Valve Stem Oil Seal, Hat Style, 6mm, M8 models	900-0959	\$40.95

HEAD BOLTS

Features & Benefits:

- Reusable
- 14% increase in strength over stock
- Heat treated 8640 steel
- 200,000 psi ultimate tensile strength
- Durable black oxide coating
- 9/16" 12 point head with integral washer
- Formed threads
- Cold formed head
- Compatible with both MLS & graphite head gaskets



HEAD BOLTS

Description	Part #	MSRP
Sold as set of 8	900-1006	\$152.95



Recommended for use with S&S Power Packs and Big Bore Kits for M8

INNER PRIMARY BEARING RACE

Fits:

- 2017–2021 M8 models

Features & Benefits:

- Will not “walk” on transmission mainshaft
- Prevents costly damage to mainshaft seal, output gear & output gear bearing
- Simple to install



INNER PRIMARY BEARING RACE	560-0241	\$82.95
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55MM PERFORMANCE MANIFOLD

Big bore engines are all about the flow, more air in and more air out, anything that slows that down, robs horsepower. The factory M8 intake manifold does a decent job in stock form, but starts getting in the way when trapped between 124" and larger cylinders. The stock polymer unit is also less tolerant of the additional heat that a big bore engine can make at full noise. The solution is the new S&S high flow cast aluminum manifold and a must have for top level performance in the M8 platform.

Features and Benefits

- High-Flow, adds 3–5 hp
- Must have for big bore engines
- CNC Machined
- T6 heat treated cast aluminum
- Replaces stock, plastic manifold
- Includes new rubber seal
- Easy to Install

FITMENT	PART #	MSRP
2017–2021 HD® M8 models	160-0241	\$209.95

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S&S® LUBRICANTS

Features & 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
- Includes a oil drain plug o-ring



S&S® OIL CHANGE KIT

Description	Part #	MSRP
2017–2021 HD® Models with M8 engine 5 quarts of SAE 20W-50 Synthetic Engine Oil with chrome oil filter	3601-0492	\$140.95

S&S® OIL

Description	Part #	MSRP
20W50 Synthetic, 1 quart	3601-0407	\$19.95
20W50 Synthetic, 2.5 Gallon	3601-0408	\$183.95
Primary, Synthetic, 1 quart	3603-0044	\$19.95
80W140 Gear, Synthetic, 1 quart	3604-0007	\$19.95



OIL FILTERS

Features & 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
M8 engines	10μ	each	31-4104A 63798-99A	\$23.95	31-4103A 63731-99A	\$20.95
		12 pack	310-0242	\$279.95	310-0241	\$183.95

*Contains an anti-drain back valve

GASKETS

GASKETS

Cam Cover		310-0911	\$21.95
Exhaust Gaskets	each	106-5029	\$7.95
	10 pack	93-1072	\$71.95
Valve Stem Oil Seal, Hat Style, 6mm,	8 pack	900-0959	\$40.95
Head gasket, 4.25" Bore, .030" Stock bolt pattern	2 pack	930-0140	\$101.95

Base gasket, Stock to 4.250" Bore, .014" Stock bolt pattern	2 pack	930-0139	\$61.95
Gasket Kit, includes Head, Base, & Exhaust, 4.25" Bore		900-0955	\$164.95
O-ring kit, Oil Pump		500-0850	\$9.95





S&S® Cycle, Inc. • 14025 CTY HWY G • Viola, WI 54664
608-627-1497 • sscust@sscycycle.com • sscycycle.com
510-0728 • August 2023
MADE IN USA

S&S Cycle, Inc. reserves the right to change prices, terms, availability, and specifications without prior notice.