



**PERFORMANCE PARTS** for  
**MILWAUKEE-EIGHT<sup>®</sup> MODELS**

**MAKING POWER** has been our passion for over six decades. During that span bikes have changed, riders changed, and even the tools we use have changed, but our singular focus on making the best of the best has never waned. A flat torque curve still excites us, the rumble of a well-tuned exhaust gives us goosebumps and the satisfaction of buttoning up a freshly built engine continues to make our day. We hope you feel the same exhilaration each time you wick the throttle, enjoy a perfect cam lope at the stop light or power around your buddies' stockers on the highway. Whichever it is, this is why we do what we do and why **PROVEN PERFORMANCE**<sup>®</sup> has been and will always be our promise.



# GNX SLIP-ON MUFFLERS

for 2017–2021 M8 touring models

## Features & Benefits:

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

Finish	Part #
Black	550-0990
Chrome	550-0991

\*Qualified manufacturer declared U.S. 50-State legal emissions replacement part on all MY 2017–2021 FL Touring models

NOTE: Does not fit trike models

 WARNING: Cancer and Reproductive Harm



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

4.5"



Exhaust



Removable dB reducer



# Mk45 TOURING MUFFLERS

## Fitment:

- 2017–2021 M8 touring models
- Does not fit Tri Glide® or Freewheeler models

## Features & Benefits:

- 4.5" design—with stainless steel baffle and RaceTEX cartridge packing
- Available in show quality chrome or ceramic black finish
- Produces a deep bass rumble throughout the RPM range
- Choose from Thruster or Tracer endcap designs in chrome or black
- Removable dB reducer
- Made in USA!



550-0665



550-0664



550-0669



550-0668



550-0666



550-0670

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

### MK45 4.5" SLIP-ON MUFFLERS

Muffler Body Finish	End Cap Finish & Style	Part #
Chrome	Chrome Thruster	550-0665
	Black Highlight Machined Thruster	550-0664
	Chrome Tracer	550-0669
	Black Highlight Machined Tracer	550-0668
Black	Black Highlight Machined Thruster	550-0666
	Black Highlight Machined Tracer	550-0670

\*Qualified manufacturer declared U.S. 50-State legal emissions replacement part on all MY 2017–2021 FL Touring models

WARNING: Cancer and Reproductive Harm



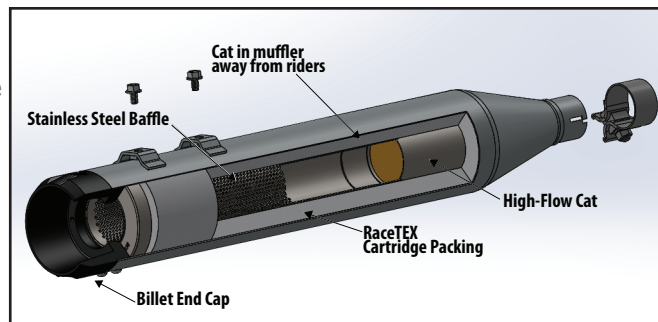
Removable dB reducer

# EL DORADO TOURING 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 ceramic
- 4.5" mufflers with billet end caps
- Black Highlight Machined Thruster and Tracer, as well as 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 TOURING EXHAUST SYSTEM FOR 2017-'19 TOURING MODELS — STREET LEGAL PERFORMANCE CAT

Finish	End Cap	Part #
Chrome	Black Highlight Machined Thruster	<b>550-0699B</b>
Black	Black Highlight Machined Thruster	<b>550-0700B</b>
Chrome	Black Highlight Machined Tracer	<b>550-0701B</b>
Black	Black Highlight Machined Tracer	<b>550-0702B</b>
Chrome	Chrome Tracer	<b>550-0851</b>

\*NOTE: Does not fit trike models

Exempt from emissions tampering regulations under CARB EO# K-010-10 for all 2017-2019 FL Touring Models

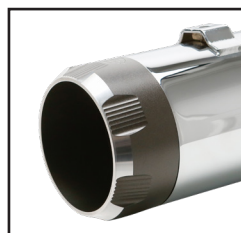
WARNING: Cancer and Reproductive Harm



Black w/Tracer



Black w/Thruster



Chrome w/Thruster



Chrome w/Tracer



Chrome w/  
Chrome Tracer



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



# GRAND NATIONAL® 4" SLIP-ON MUFFLERS

## Fitment:

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

## Features & Benefits:

- Show quality chrome or ceramic 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® 4" MUFFLERS FOR 2017–2021 TOURING M8 ENGINES\*

Finish	Part #
Chrome	<b>550-0693</b>
Black	<b>550-0694</b>

### GRAND NATIONAL® 4" MUFFLERS TOURING MUFFLERS FOR 2017–2021 TRIKE MODELS†

Chrome	<b>550-0689</b>
Black	<b>550-0690</b>

\*Qualified manufacturer declared U.S. 50-State legal emissions replacement part on all MY 2017–2021 FL Touring models

†DISCLAIMER: 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 –



Removable dB reducer

# SLASH CUT 4" SLIP-ON MUFFLERS

## Fitment:

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

## Features & Benefits:

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



### SLASH CUT 4" TOURING MUFFLERS FOR 2017–2021 TOURING M8 ENGINES\*

Finish	Part #
Chrome	<b>550-0695</b>
Black	<b>550-0696</b>

### SLASH CUT 4" TOURING MUFFLERS FOR 2017–2021 TRIKE MODELS\*\*

Chrome	<b>550-0691</b>
Black	<b>550-0692</b>

\*Qualified manufacturer declared U.S. 50-State legal emissions replacement part on all MY 2017-2021 FL Touring models

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⚠️ WARNING: Cancer and Reproductive Harm



Removable dB reducer



# SIDEWINDER® 2:1 EXHAUST SYSTEM

CARB compliant  
CARB EO K-010-14

Exhaust

## Fitment

- 2017–2021 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 ceramic black finish
- 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 conversion due to ground clearance.

## SIDEWINDER 2:1 EXHAUST SYSTEM FOR 2017–'20 M8 TOURING MODELS — STREET LEGAL<sup>†</sup> PERFORMANCE CAT


Finish	Part #
Chrome	550-0758C
Black	550-0759C

## SIDEWINDER 2:1 EXHAUST SYSTEM FOR 2017–2021 M8 TOURING MODELS — RACE ONLY<sup>\*\*</sup>

Chrome	550-0728
Black	550-0729

<sup>†</sup>Exempt from emissions tampering regulations under CARB EO# K-010-14 for all 2017-2020 FL Touring Models

<sup>\*\*</sup>DISCLAIMER: 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

 WARNING: Cancer and Reproductive Harm



Removable dB reducer—race only version



# SHADOW PIPE

for 2017–2021 touring models with S&S Sidewinder® 2:1 exhaust

## Features & Benefits:

- Available in show chrome and ceramic black finish
- Shadow muffler fills left side cutout in extended bags when running Sidewinder 2:1
- Matching end cap for left side is a mirror image of right side Sidewinder 2:1 Cap (not available on any of our slip-on or El Dorado Products)
- 4.5" design
- All hardware included



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

### 2017–2021 TOURING MODELS EQUIPPED WITH S&S® SIDEWINDER® 2:1 EXHAUST

Chrome	<b>550-0829</b>
Black	<b>550-0831</b>

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



# SUPERSTREET 2:1 EXHAUST SYSTEM



## Fitment:

- 2018–2021 HD® Street Bob®, Low Rider®, Softail Slim®, Fat Bob®, Deluxe, Sport Glide®, & Heritage® models
- 2018–2021 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 or ceramic finish
- **>> and now 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!



Mid mounts require brake pedal kit (part # 560-0259A/msrp \$162.95)

## SUPERSTREET 2:1 EXHAUST SYSTEM — STREET LEGAL\* PERFORMANCE CAT

Fitment	Finish	Part #
2018–2020 HD® Street Bob®, Low Rider®, Softail Slim®, Fat Bob®, Deluxe, Sport Glide® & Heritage® models®	<b>NEW &gt;&gt;</b> Stainless Steel with Black end cap	<b>550-0996B</b>
	Black with Black end cap	<b>550-0789B</b>
	Chrome with Black end cap	<b>550-0791B</b>
2018–2020 HD® Softail® Fat Boy®, Breakout® & FXDR® models	Black with Black end cap	<b>550-0846B</b>
	Chrome with Black end cap	<b>550-0847B</b>

## SUPERSTREET 2:1 EXHAUST SYSTEM — RACE ONLY†

2018–2021 HD Street Bob, Low Rider, Softail Slim, Fat Bob, Deluxe, Sport Glide & Heritage models	Black with Black end cap	<b>550-0788</b>
	Chrome with Black end cap	<b>550-0790</b>
2018–2021 HD Softail Fat Boy, Breakout & FXDR models	Black with Black end cap	<b>550-0857</b>
	Chrome with Black end cap	<b>550-0858</b>

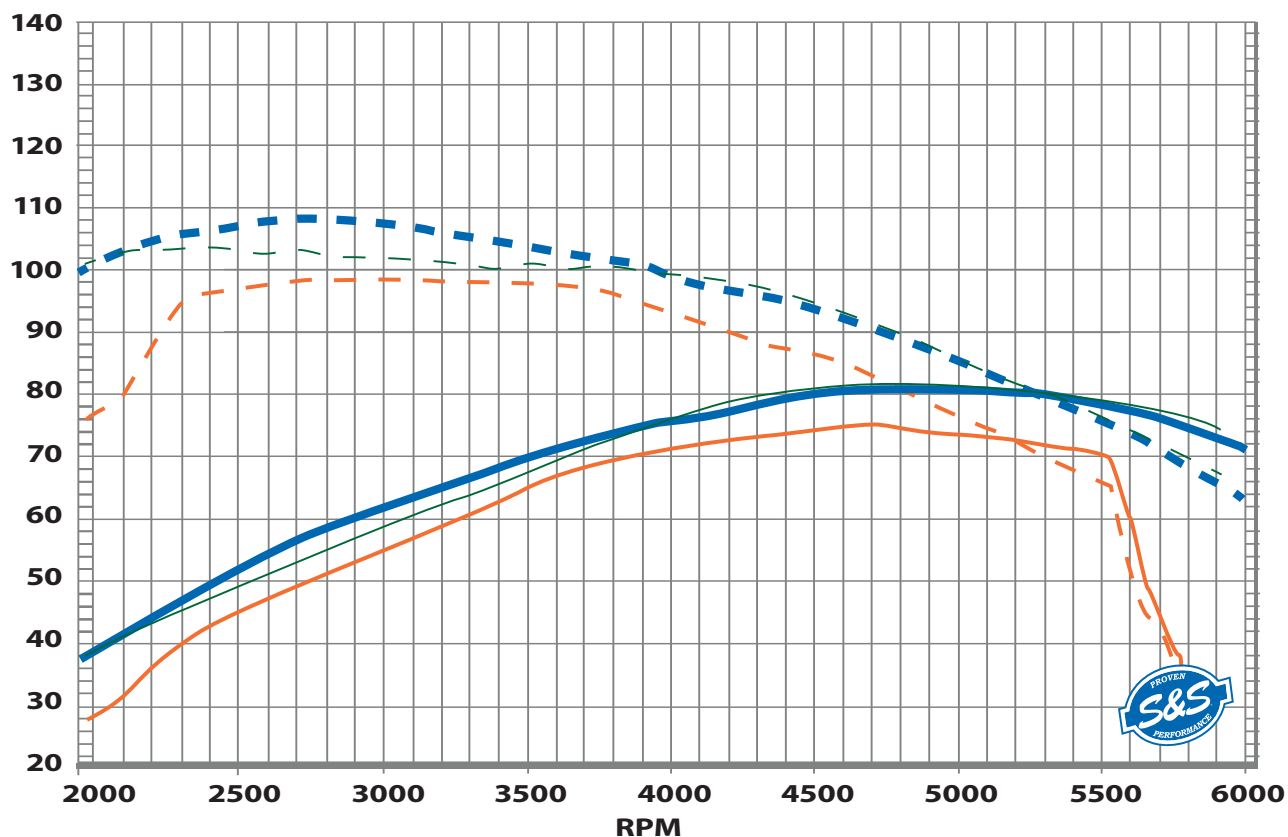
\*Exempt from emissions tampering regulations under CARB EO# K-010-13 for all 2018–2020 Softail models

†DISCLAIMER: 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



# 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 EXHAUST SYSTEM


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 \$162.95*)
- Right side passenger peg relocation bracket (*part #550-0801 for \$69.95*)
- Made in USA!



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

Chrome	550-0816A	
Black	550-0815A	

## GRAND NATIONAL 2:2 EXHAUST SYSTEM FOR 2018–2021 HD STREET BOB, LOW RIDER, SLIM, FAT BOB, & DELUXE MODELS — RACE ONLY\*\*

Chrome	550-0761
Black	550-0760

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

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 WARNING: Cancer and Reproductive Harm



Passenger Peg  
Relocation Bracket



Mid mounts require brake pedal kit  
(part # 560-0259A/msrp \$162.95)



# GRAND NATIONAL® SLIP-ON MUFFLERS

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
- Ceramic black finish
- Deep performance rumble replaces stock whisper tone
- No mapping required
- Removable dB reducer
- Made in USA!



Exhaust

## GRAND NATIONAL® SLIP-ON MUFFLERS FOR 2018–2021 HD® FAT BOB® MODELS

Finish	Part #
Black	550-0734

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

⚠️ WARNING: Cancer and Reproductive Harm



Removable dB reducer



# GRAND NATIONAL® SLIP-ON MUFFLERS

## Fitment:

- Fits 2018–2021 HD® Softail® Street Bob®, Low Rider®, Slim®, Fat Boy®, Breakout®, Heritage®, & Classic® models (except Fat Bob®, Sport Glide®, & FXDR models)

## Features & Benefits:

- Show chrome or ceramic black finish
- All hardware and gaskets included
- Deep performance rumble replaces stock whisper tone
- Removable dB reducer included (*Race only version*)
- Made in USA!



### GRAND NATIONAL® MUFFLERS FOR 2018–2020 M8 HD® SOFTAIL® MODELS — STREET LEGAL† PERFORMANCE CAT

Fitment	Muffler Body Finish	Part #
M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy® & Breakout® models	Black	<b>550-0754B</b>
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy & Breakout® models	Chrome	<b>550-0755B</b>
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	<b>550-0757B</b>

### GRAND NATIONAL MUFFLERS FOR 2018–2021 M8 HD® SOFTAIL® MODELS — RACE ONLY††

M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy® & Breakout® models	Black	<b>550-0737</b>
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy & Breakout models	Chrome	<b>550-0738</b>
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	<b>550-0740</b>

†Exempt from emissions tampering regulations under CARB EO# K-010-16 for all 2018-2020 Breakout, Fat Boy, Low Rider, Slim, Street Bob, Deluxe, and Heritage Classic Softail Models

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⚠ WARNING: Cancer and Reproductive Harm



**CARB**  
compliant  
CARB EO K-010-16

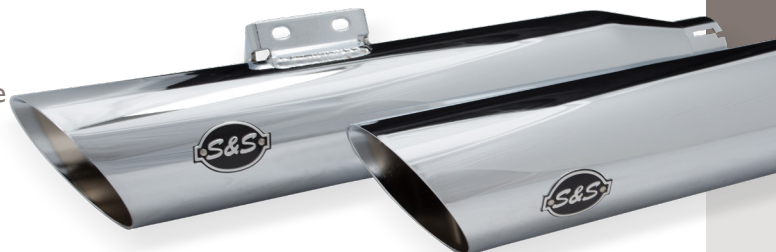
# SLASH CUT SLIP-ON MUFFLERS

## Fitment:

- Fits 2018–2021 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 chrome or ceramic black finish
- All hardware and gaskets included
- Deep performance rumble replaces stock whisper tone
- Removable dB reducer included (Race only version)
- Made in USA!



### SLASH CUT MUFFLERS FOR 2018–2020 HD® SOFTAIL® MODELS — STREET LEGAL\* PERFORMANCE CAT

Fitment	Muffler Body Finish	Part #
M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy®, & Breakout® models	Black	<b>550-0752B</b>
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy, & Breakout models	Chrome	<b>550-0753B</b>
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	<b>550-0756B</b>

### SLASH CUT MUFFLERS FOR 2018–2021 M8 SOFTAIL® MODELS — RACE ONLY\*\*

M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy®, & Breakout® models	Black	<b>550-0735</b>
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy, & Breakout models	Chrome	<b>550-0736</b>
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	<b>550-0739</b>

\*Exempt from emissions tampering regulations under CARB EO# K-010-16 for all 2018-2020 Breakout, Fat Boy, Low Rider, Slim, Street Bob, Deluxe, and Heritage Classic Softail Models

\*\*DISCLAIMER: 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

⚠️ WARNING: Cancer and Reproductive Harm



CARB  
compliant  
CARB EO K-010-16



# 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	<b>550-0824</b>
M8 Softail Street Bob, Low Rider, Slim, Fat Boy & Breakout models	Chrome	<b>550-0825</b>
M8 Softail® Heritage Classic & Deluxe® models	Chrome	<b>550-0826</b>

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	<b>550-0821</b>
M8 Softail® Street Bob, Low Rider, Slim, Fat Boy & Breakout models	Chrome	<b>550-0822</b>
M8 Softail® Heritage®/Deluxe® models	Chrome	<b>550-0823</b>

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





# EC GRAND NATIONAL® SLIP-ON MUFFLERS

for 2018–2020 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 #
Black	<b>550-0827</b>

EU Type-Approval: e9\*134/2014\*2018/295G\*11029\*00

# EC Mk45 SLIP-ON MUFFLERS

for 2017–2020 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 from S&S Thruster or Tracer end cap designs in chrome or 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 #
Chrome	Chrome Thruster	<b>550-0861</b>
	Black Highlight Machined Thruster	<b>550-0860</b>
	Chrome Tracer	<b>550-0864</b>
	Black Highlight Machined Tracer	<b>550-0863</b>
Black	Black Highlight Machined Thruster	<b>550-0862</b>
	Black Highlight Machined Tracer	<b>550-0865</b>

EU Compliant per 11032 G

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



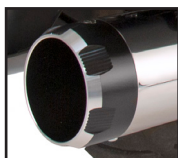
Black with  
Machined Thruster



Black with  
Machined Tracer



Chrome with  
Chrome Thruster



Chrome with  
Machined Thruster



Chrome with  
Chrome Tracer



Chrome with  
Machined Tracer



## NOTES

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





# AIR CLEANER KITS & COVERS



Intake



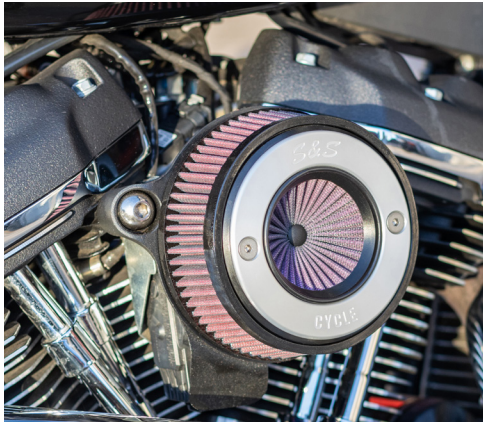
# AIR STINGER AIR CLEANER KITS

for 2017–2021 M8 models

**NEW  
2021**

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 #
Gloss Black	170-0718
Chrome	170-0717
<hr/>	
WITH S&S RING	PART #
Brushed Ring	170-0714
<hr/>	
AIR STINGER FILTER ONLY	170-0723

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

\*Qualified Manufacturer Declared 49-State Federal Emissions Compliant Part



WARNING: Cancer and Reproductive Harm



# STEALTH AIR CLEANER KITS

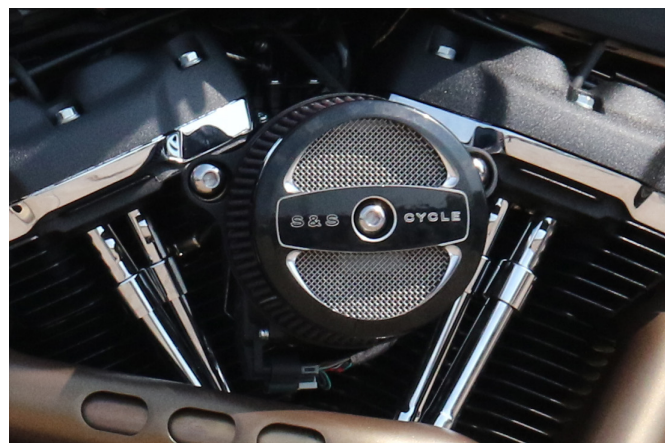
See previous page for NEW Air Stinger Kits

## 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 (PIN 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
<b>170-0595A</b>	<b>170-0598A</b>	<b>170-0524B</b>	<b>170-0525B</b>	<b>170-0498B</b>	<b>170-0435C</b>	<b>170-0436C</b>	<b>170-0390C</b>	<b>170-0397C</b>

Tri-Spoke	Torker	Air 1
<b>170-0392C</b>	<b>170-0393C</b>	<b>170-0394C</b>
\$338.95	\$338.95	\$338.95

 WARNING: Cancer and Reproductive Harm

See ALL our cover options next page



Tribute in Chrome



Mini in Gloss Black

## KIT ONLY — NO COVER

Stealth Air Cleaner Kit for Stock M8 & 64mm Throttle Body	<b>170-0354C</b>
Adapter for Stock M8 Air Cleaner Cover	<b>170-0352</b>



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 (ONLY)

## STEALTH COVERS

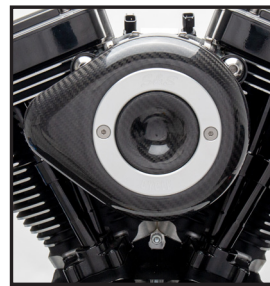
Tribute		Carbon Fiber	Teardrop		Teardrop—Slasher		Mini	
Chrome	Gloss Black	Black	Chrome	Gloss Black	Chrome	Gloss Black	Chrome	Gloss Black
<b>170-0592</b>	<b>170-0593</b>	<b>170-0501</b>	<b>170-0530</b>	<b>170-0531</b>	<b>170-0532</b>	<b>170-0533</b>	<b>170-0367</b>	<b>170-0366</b>

Tri-Spoke	Torker	Air 1	Airstream		Displacement
Gloss Black w/Highlights	Gloss Black w/Highlights	Gloss Black w/Highlights	Chrome	Gloss Black	124
<b>170-0210</b>	<b>170-0206</b>	<b>170-0214</b>	<b>170-0118</b>	<b>170-0396</b>	<b>170-0321</b>

 WARNING: Cancer and Reproductive Harm



Tribute



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 #
High Flow Air Filter Kit <i>(includes spacers)</i>	Stealth, 1" Taller	<b>170-0127*</b>
1" Taller Filter Only	Stealth	<b>170-0154</b>
Spacer	Classic Teardrop & Stealth, 1" Taller	<b>50-5009-5</b>

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# REPLACEMENT FILTERS

### STANDARD REPLACEMENT AIR FILTERS

Fitment	Part #
Stealth	<b>170-0126</b>

# PRE-FILTERS

## Fitment

- S&S® 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



### PRE-FILTERS

Application	Part #
Standard	<b>170-0193</b>
1" Tall	<b>170-0197</b>

# 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>	<b>170-0521</b>
2017–2020 M8 touring models <i>cover sold separately</i>	<b>170-0521</b>

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





# CYLINDER KITS, SETS & PISTONS



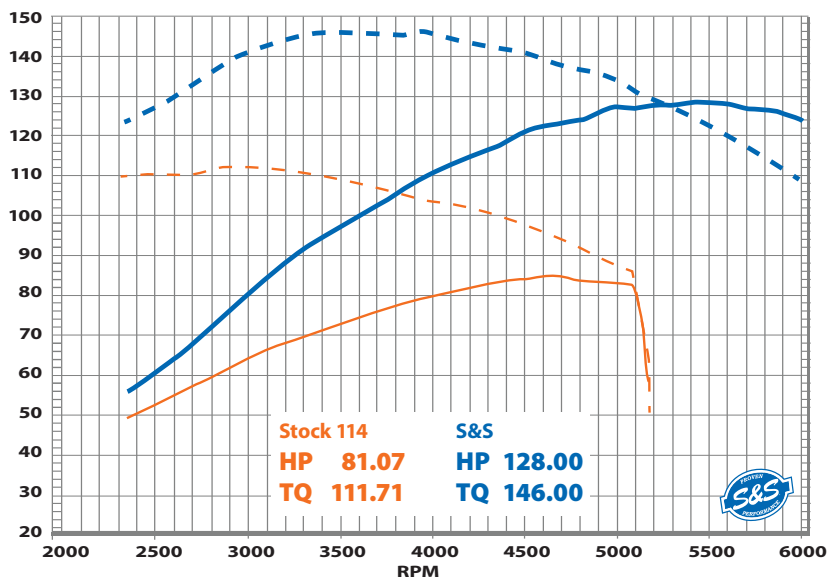
# 124" & 128" BIG BORE KITS

## 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

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

Displacement	Finish	Part #
124"	Wrinkle Black with Non-Highlighted Fins	910-0681
	Wrinkle Black with Highlighted Fins	910-0625
128"	Wrinkle Black with Non-Highlighted Fins	910-0685
	Wrinkle Black with Highlighted Fins	910-0684
	Black Granite with Highlighted Fins	910-0733

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Not recommended for Tri Glide® or other three wheel models including conversion due to lugging nature of these bikes.



# 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 32)

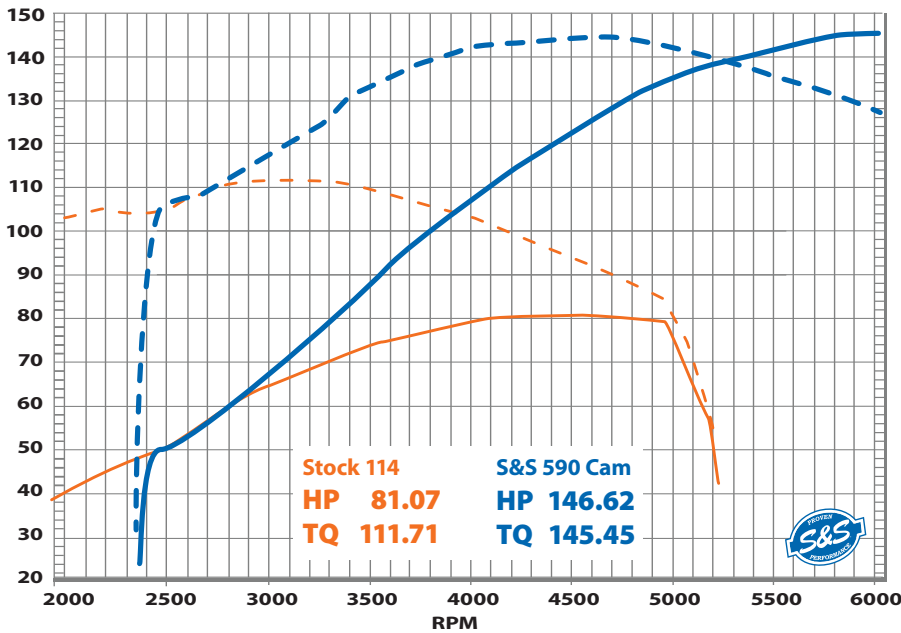
## CYLINDER & PISTON KITS FOR 2017–2021 TOURING MODELS & 2018–2021 SOFTAIL® MODELS

Displacement	Finish	Part #
<b>131"</b>	Wrinkle Black with Non-Highlighted Fins	<b>910-0763</b>
	Wrinkle Black with Highlighted Fins	<b>910-0762</b>
	Black Granite with Highlighted Fins	<b>910-0764</b>



See our 131" flywheels on page 32

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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



# 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 #
124"	Wrinkle Black with Non-Highlighted Fins	<b>910-0683</b>
128"	Wrinkle Black with Highlighted Fins	<b>910-0682</b>
131"	Black Granite with Highlighted Fins	<b>910-0739</b>

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# 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	+ .010
124" 4.3cc Dished	1.143"	4.375"	<b>920-0135</b>	<b>920-0141</b>
128" 7.3cc Dished	1.0805"	4.500"	<b>920-0140</b>	<b>920-0142</b>
131" 10.3cc Dished	1.0805"	4.625"	<b>920-0149</b>	<b>920-0148</b>



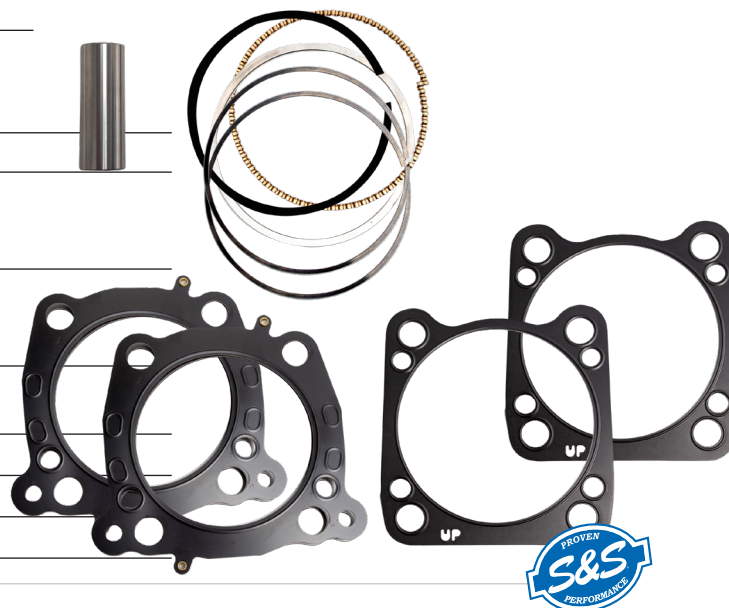
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# REPLACEMENT PARTS FOR PISTONS

Piston Ring Set	2 Pack	<b>940-0060</b>
Piston +.010" Ring Set	2 Pack	<b>940-0062</b>
Wristpin Keeper		<b>94-9278-S</b>
Wristpin, .927" x 2.500"		<b>940-0037</b>

## GASKET KIT

Description	Thickness	Qty	Part #
Head gasket, 4.250" Bore, Stock bolt pattern	.030"	2 Pack	<b>930-0140</b>
Base gasket, Stock to 4.250" Bore, Stock bolt pattern	.014"	2 Pack	<b>930-0139</b>
Gasket Kit, includes Head, Base, & Exhaust, 4.25" Bore			<b>900-0955</b>
Plug			<b>500-0835</b>
Cylinder Dowel Pin		4 Pack	<b>500-0849</b>
<b>HARDWARE KIT</b>			<b>910-0677</b>



# 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:

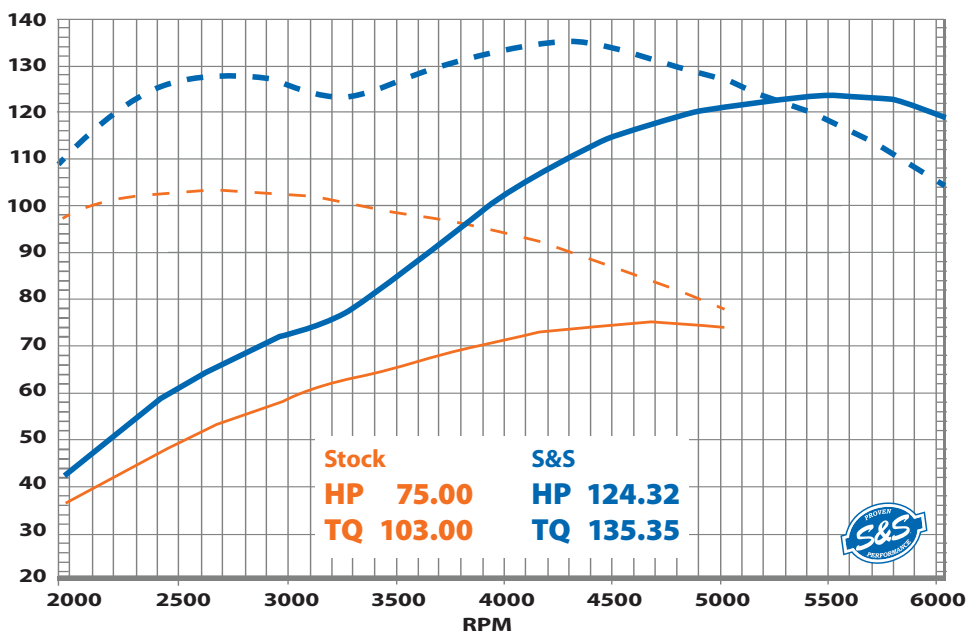
- High performance conical single wire spring
- Includes top collars, keepers, & valve seals/bottom collars

## 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



Not recommended for Tri Glide® or other three wheel models including conversion due to lugging nature of these bikes.



## 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 #
Oil	Wrinkle Black with Highlighted Fins	Chain	Chrome	<b>310-1052B</b>
Oil	Wrinkle Black with Highlighted Fins	Gear	Chrome	<b>310-1053A</b>
Oil	Wrinkle Black with Highlighted Fins	Chain	Black	<b>310-1056B</b>
Oil	Wrinkle Black with Highlighted Fins	Gear	Black	<b>310-1058A</b>
Oil	Wrinkle Black with Non-Highlighted Fins	Chain	Black	<b>310-1057B</b>
Oil	Wrinkle Black with Non-Highlighted Fins	Gear	Black	<b>310-1059A</b>
Water	Wrinkle Black with Highlighted Fins	Chain	Chrome	<b>310-1050B</b>
Water	Wrinkle Black with Highlighted Fins	Gear	Chrome	<b>310-1051A</b>
Water	Wrinkle Black with Highlighted Fins	Chain	Black	<b>310-1054B</b>
Water	Wrinkle Black with Highlighted Fins	Gear	Black	<b>310-1055A</b>

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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
- 11.1:1 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:

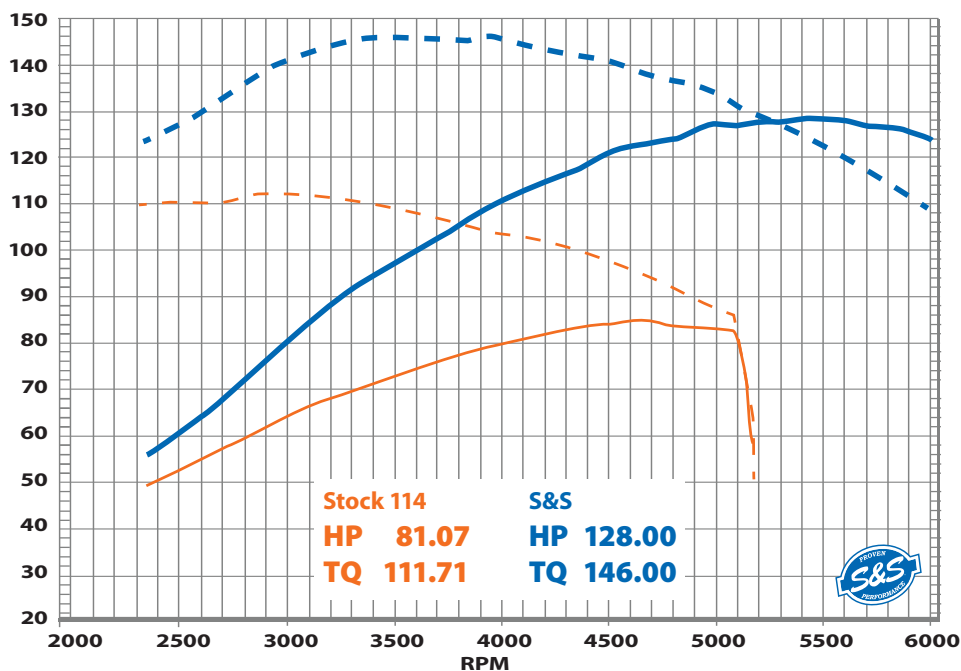
- High performance conical single wire spring
- Includes top collars, keepers, & valve seals/bottom collars

### 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

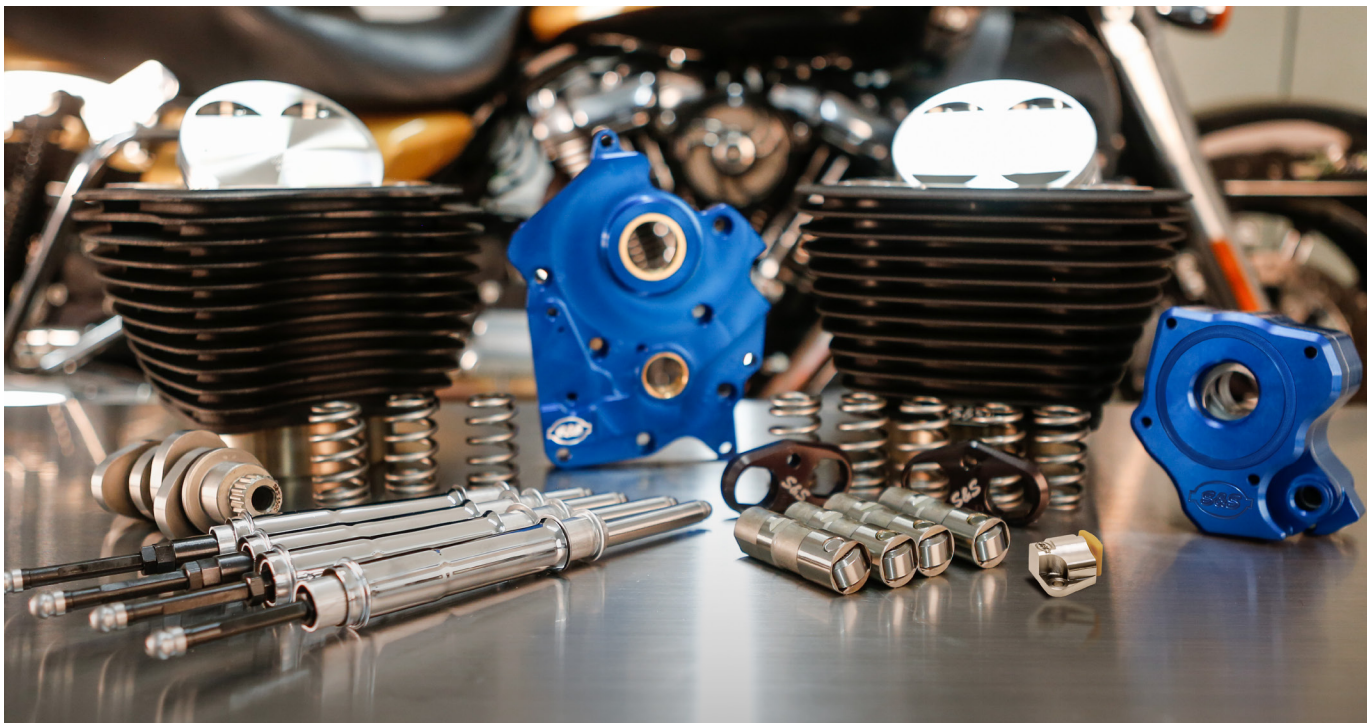


Not recommended for Tri Glide® or other three wheel models including conversion due to lugging nature of these bikes.



### 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 #
Water	Wrinkle Black with Highlighted Fins	Chain	<b>310-1101B</b>
Water	Wrinkle Black with Highlighted Fins	Gear	<b>310-1102A</b>
Oil	Wrinkle Black with Highlighted Fins	Chain	<b>310-1103B</b>
Oil	Wrinkle Black with Highlighted Fins	Gear	<b>310-1104A</b>
Oil	Wrinkle Black with Non-Highlighted Fins	Chain	<b>310-1105B</b>
Oil	Wrinkle Black with Non-Highlighted Fins	Gear	<b>310-1106A</b>
Water	Black Granite with Highlighted Fins	Chain	<b>310-1107B</b>
Water	Black Granite with Highlighted Fins	Gear	<b>310-1108A</b>
Oil	Black Granite with Highlighted Fins	Chain	<b>310-1109B</b>
Oil	Black Granite with Highlighted Fins	Gear	<b>310-1110A</b>

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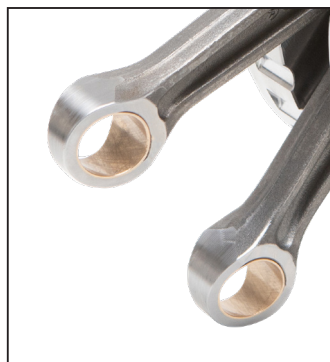


# 3 PIECE FLYWHEEL ASSEMBLIES

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 $\frac{3}{8}$ ", 4 $\frac{1}{2}$ " & 4 $\frac{7}{8}$ " 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



Tapered connecting rods



Full Width connecting rods



117" & 131" Not recommended for Tri Glide® or other three wheel models including conversion due to lugging nature of these bikes.





#### FLYWHEEL ASSEMBLIES FOR 2017–2021 M8 MODELS

Displacement	Stroke	Compression Ratio	Balanced to Total Piston Weight (gms)	Rod Wristpin End Style	Balancer Gear	Part #
<b>107"</b> <i>(with stock pistons)</i>	4 3/8"	9.9	1060	Tapered	Yes	<b>320-0601</b> <sup>†</sup>
					No	<b>320-0616</b> <sup>†</sup>
<b>124"</b> <i>(with S&amp;S® cylinders &amp; pistons)</i>	4 3/8"	10.8	1060	Tapered	Yes	<b>320-0601</b> <sup>†</sup>
					No	<b>320-0616</b> <sup>†</sup>
<b>124"</b> <i>(with S&amp;S cylinders &amp; pistons)</i>	4 3/8"	10.8	1213	Full	Yes	<b>320-0604</b> <sup>††</sup>
					No	<b>320-0619</b> <sup>††</sup>
<b>114"</b> <i>(with stock pistons)</i>	4 1/2"	10.3	1060	Tapered	Yes	<b>320-0598</b> <sup>†</sup>
					No	<b>320-0615</b> <sup>†</sup>
<b>128"</b> <i>(with S&amp;S cylinders &amp; pistons)</i>	4 1/2"	10.8	1060	Tapered	Yes	<b>320-0598</b> <sup>†</sup>
					No	<b>320-0615</b> <sup>†</sup>
<b>128"</b> <i>(with S&amp;S cylinders &amp; pistons)</i>	4 1/2"	10.8	1213	Full	Yes	<b>320-0603</b> <sup>††</sup>
					No	<b>320-0618</b> <sup>††</sup>
<b>117"</b> <i>(with stock 114" pistons)</i>	4 5/8"	10.6	1060	Tapered	Yes	<b>320-0602</b> <sup>††</sup>
					No	<b>320-0617</b> <sup>††</sup>
<b>131"</b> <i>(with S&amp;S cylinders &amp; pistons)</i>	4 5/8"	10.8	1060	Tapered	Yes	<b>320-0602</b> <sup>††</sup>
					No	<b>320-0617</b> <sup>††</sup>
<b>131"</b> <i>(with S&amp;S cylinders &amp; pistons)</i>	4 5/8"	10.8	1213	Full	Yes	<b>320-0605</b> <sup>††</sup>
					No	<b>320-0620</b> <sup>††</sup>

<sup>†</sup>50-State Replacement Part

<sup>††</sup>DISCLAIMER: 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



# TOP END GUARDIAN KIT

**NEW  
2021**



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

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# 475 PERFORMANCE CAM KIT WITH TUNER

First of its kind, emissions legal performance cam for M8 touring models. True 100+ HP at the wheel. Kit includes 475 cam and Dynojet PV-3 tuner in gear or chain drive.

## Features and benefits:

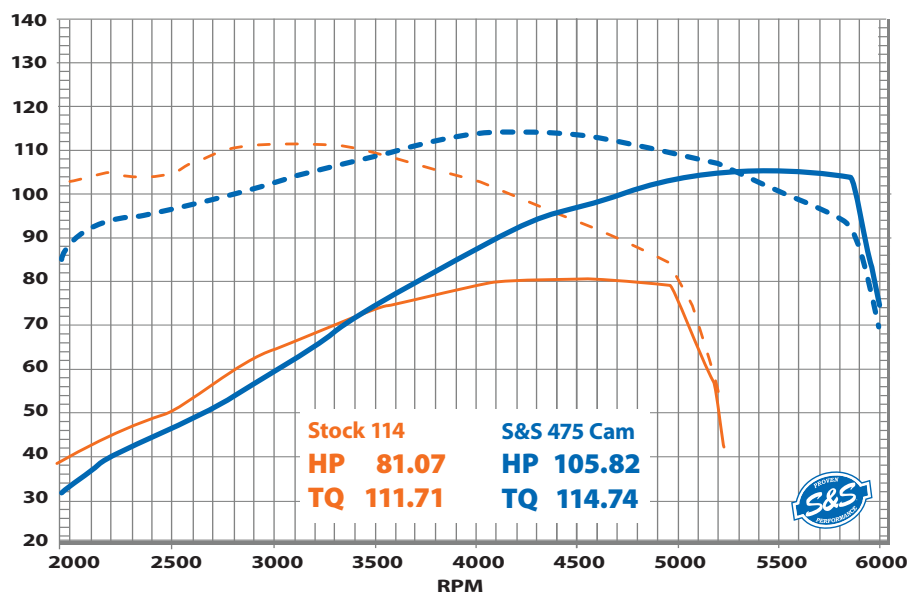
- Bolt-in, legal performance
- Choose between chain or gear driven cam kits
- No need for expensive dyno tuning
- Display vehicle data channels in real-time
- Weather-resistant for use in all conditions
- High contrast display, viewable in direct sunlight



### 475 PERFORMANCE CAM KIT FOR M8 MODELS

475 Chain Drive	<b>330-0725</b>
475 Gear Drive	<b>330-0726</b>

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



### STOCK vs S&S 475 CAM

on a 2018 HD® Street Glide®— 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 #
465C	<b>330-0620</b>
475C	<b>330-0641</b>
540C	<b>330-0713</b>
550C	<b>330-0643</b>
590C	<b>330-0730</b>

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### REPLACEMENT PARTS

Description	Part #
Cam Cover Gasket	<b>310-0911</b>
Pinion Gear	<b>330-0622</b>
Undersized Pinion Gear	<b>330-0626</b>
Oversized Pinion Gear	<b>330-0627</b>
Cam Gear Drive	<b>330-0621</b>

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

Description	Part #
350G – Stock	<b>330-0625</b>
465G	<b>330-0624</b>
475G	<b>330-0645</b>
540G	<b>330-0715</b>
550G	<b>330-0647</b>
590G	<b>330-0732</b>

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### \*CAMSHAFT INSTALLATION KITS FOR ALL 2017–2021 M8 MODELS

Description	Part #
Chain Drive Installation Kit	<b>330-0619</b>
Gear Drive Installation Kit	<b>330-0623</b>



# 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

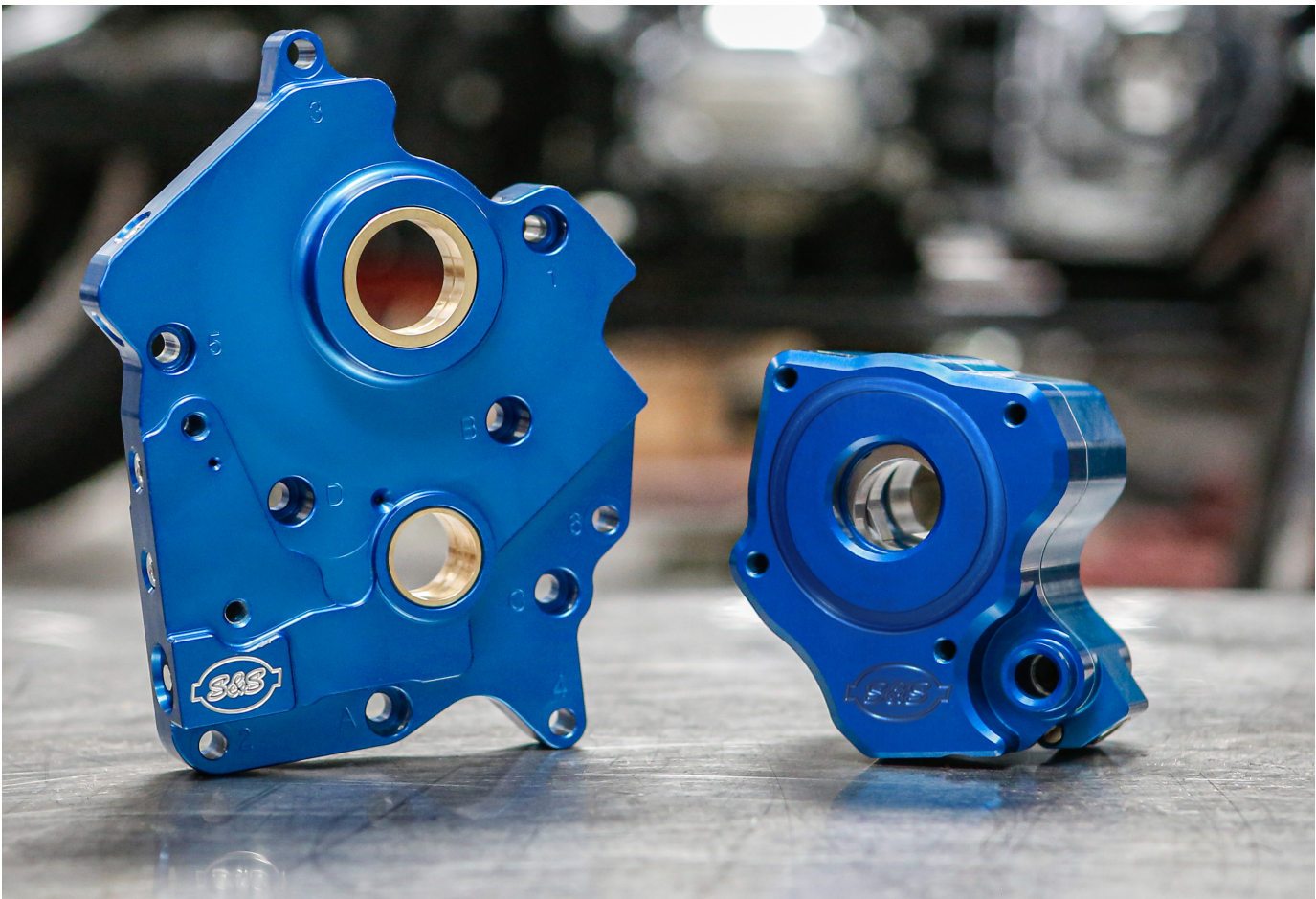
## Kits

- Buy together and save \$\$

### CAM PLATE & OIL PUMP KITS FOR M8 MODELS

Description	Part #
Cam Plate & Oil Pump/Oil-Cooled	<b>310-0998B</b>
Cam Plate & Oil Pump/Water-Cooled	<b>310-0997B</b>
<b>CAM PLATE ONLY</b>	<b>310-0939A</b>
<b>OIL PUMP ONLY</b>	
Description	Part #
Oil-Cooled	<b>310-0959A</b>
Water-Cooled	<b>310-0947A</b>

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



# CAM CHAIN TENSIONER

**NEW  
2021**



## Fitment

- 2017–2021 M8 models

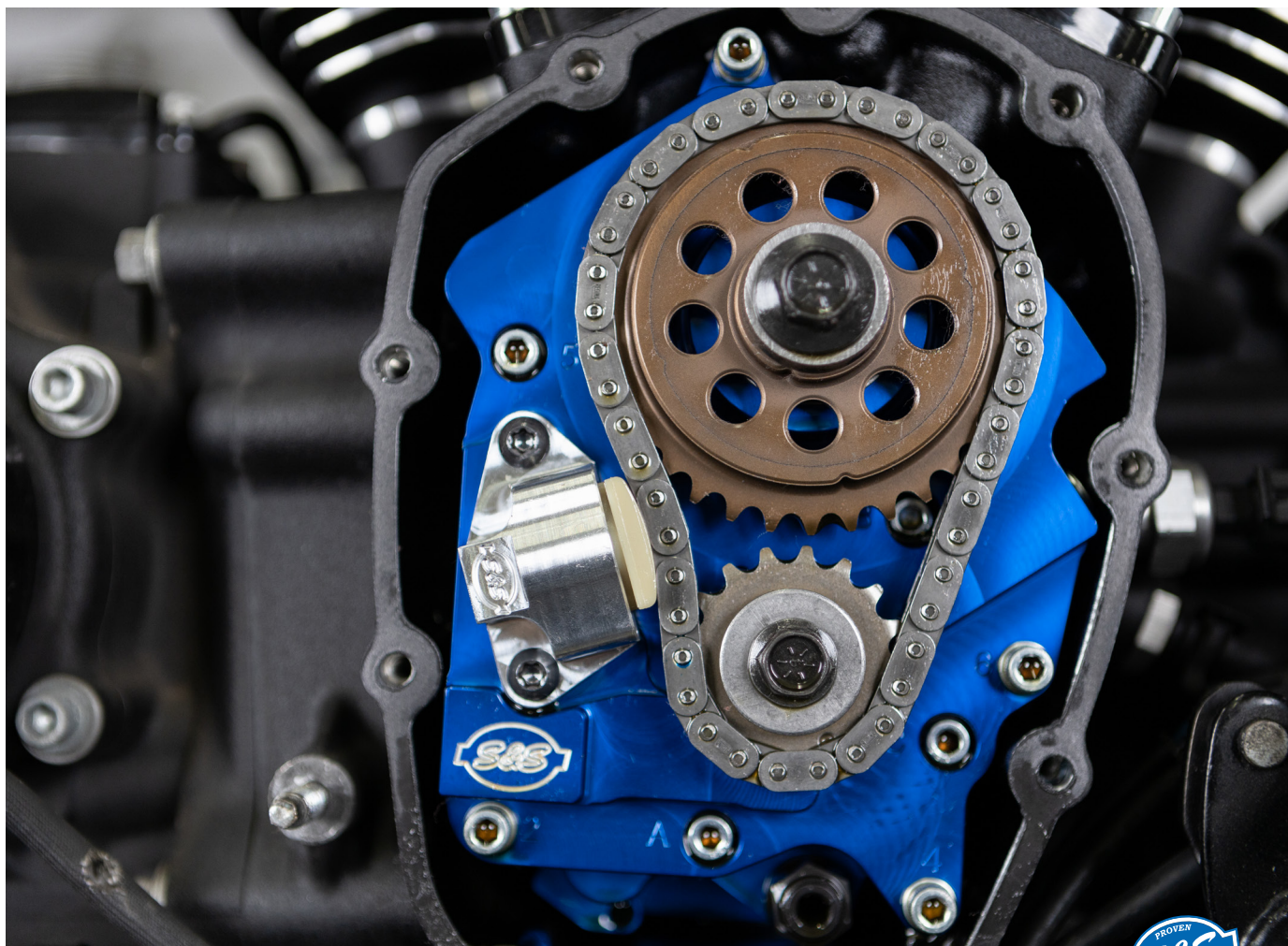
## Features & Benefits:

- 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



# 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

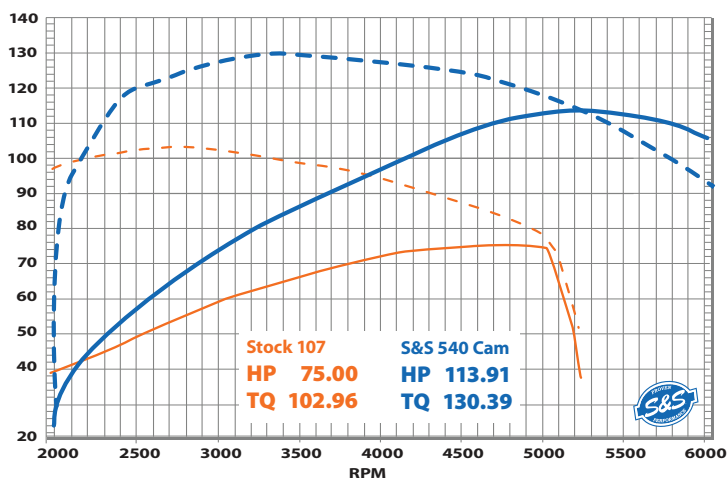
- Comes with Chain Drive Kits
- Precision Machined from Billet Aluminum
- Thicker shoe for longer wear
- Direct chain oiling
- Larger piston for more consistent pressure
- Tighter tolerances improves stability



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

<b>STOCK CAM</b>	Max Power = 75.00
	Max Torque = 102.96
<b>540 CAM</b>	Max Power = 113.91
	Max Torque = 130.39

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

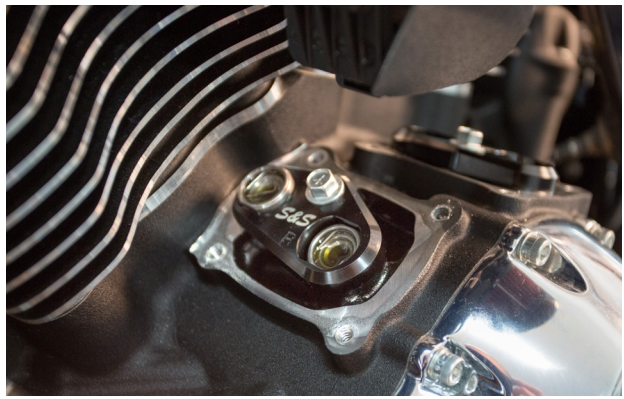
Oil Cooled	Pushrods	Part #
Chain Drive 550C	Chrome	<b>310-1082B</b>
Chain Drive 540C	Chrome	<b>310-1118A</b>
Chain Drive 475C	Chrome	<b>310-1004B</b>
Chain Drive 465C	Chrome	<b>310-1003B</b>
Gear Drive 550G	Chrome	<b>310-1083A</b>
Gear Drive 540G	Chrome	<b>310-1119</b>
Gear Drive 475G	Chrome	<b>310-1006A</b>
Gear Drive 465G	Chrome	<b>310-1005A</b>
Chain Drive 475C	Black	<b>310-1012B</b>
Chain Drive 465C	Black	<b>310-1011B</b>
Gear Drive 475G	Black	<b>310-1014A</b>
Gear Drive 465G	Black	<b>310-1013A</b>
Water Cooled	Pushrods	Part #
Chain Drive 550C	Chrome	<b>310-1080B</b>
Chain Drive 540C	Chrome	<b>310-1116A</b>
Chain Drive 475C	Chrome	<b>310-1000B</b>
Chain Drive 465C	Chrome	<b>310-0999B</b>
Gear Drive 550G	Chrome	<b>310-1081A</b>
Gear Drive 540G	Chrome	<b>310-1117</b>
Gear Drive 475G	Chrome	<b>310-1002A</b>
Gear Drive 465G	Chrome	<b>310-1001A</b>
Chain Drive 475C	Black	<b>310-1008B</b>
Chain Drive 465C	Black	<b>310-1007B</b>
Gear Drive 475G	Black	<b>310-1010A</b>
Gear Drive 465G	Black	<b>310-1009A</b>

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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 #
2017–2021 HD® touring models 2018–2021 HD Softail® models	<b>330-0655</b>



# 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 aatappets. 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	<b>330-0718</b>
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# QUICKEE ADJUSTABLE PUSHRODS

## Fitment:

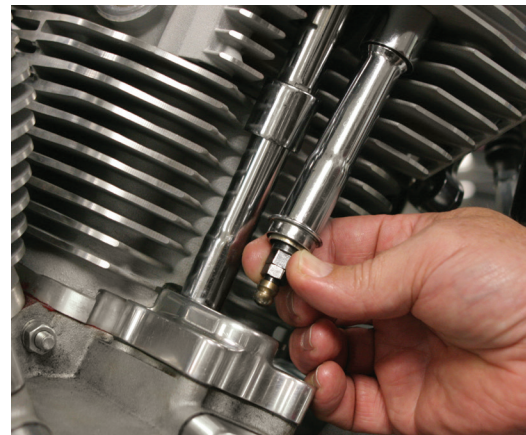
- 2017–2021 big twins with M8 engine

## 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 #
Gloss Black Pushrod Kit <i>(includes black pushrod covers, o-rings &amp; cover keepers)</i>	<b>930-0137</b>
Chrome Pushrod Kit <i>(includes chrome pushrod covers, o-rings, &amp; cover keepers)</i>	<b>930-0123<sup>±</sup></b>
Pushrods Only	<b>93-5122</b>

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

Description		Part #
Pushrod Cover Kit <i>(includes top &amp; bottom covers, cover cap, cover spring, spring washer, &amp; o-rings for four pushrods)</i>	Gloss Black	<b>930-0124</b>
	Chrome	<b>106-1340</b>
Top Cover		<b>93-4016</b>
Bottom Cover		<b>93-4015</b>
Cover Cap		<b>93-4017</b>
Cover Spring		<b>93-4018</b>
Cover Cap Washer		<b>50-7131</b>
Pushrod O-ring Kit <i>(includes top, middle, &amp; bottom o-rings for four pushrods)</i>		<b>93-4022</b>
Top O-ring		<b>50-8039</b>
Middle O-ring		<b>50-8038</b>
Bottom O-ring		<b>50-8037</b>



## PUSHROD COVER KEEPER SETS

Pushrod Cover Keeper Kit (2.200")	Gloss Black	<b>930-0138</b>
	Chrome	<b>930-0129</b>

 **WARNING:** Cancer and Reproductive Harm

**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



ROCKER ARM SHAFT SET | 900-1090

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



## 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
Rebuild Kit	900-1087



# ROCKER ARM STUD KIT

## Features & Benefits:

- Aircraft grade C4037 steel stud and I2 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	<b>900-1013</b>
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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 #
Valve Spring Kit for M8 2017–2021 Models	<b>900-0958</b>

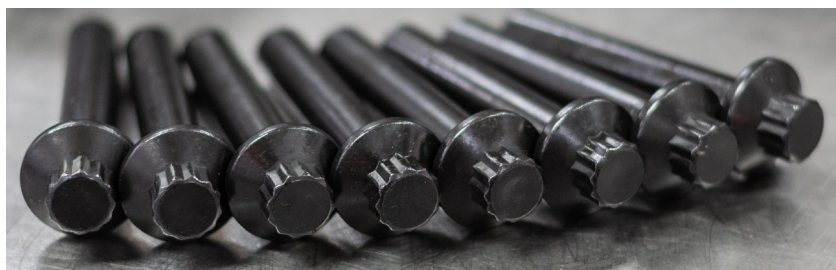
### REPLACEMENT PARTS FOR VALVE SPRING KITS

Description	Part #
Valve Keeper	<b>900-0956</b>
Top Collar	<b>900-0952</b>
Valve Stem Oil Seal, Hat Style, 6mm, M8 models	<i>8 pack</i> <b>900-0959</b>

# HEAD BOLTS

## Features & Benefits:

- 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
- Reusable



### HEAD BOLTS

Description	Part #
Sold as set of 8	<b>900-1006</b>



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**

# 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 #
2017–2021 HD® Models with M8 engine 5 quarts of SAE 20W-50 Synthetic Engine Oil with chrome oil filter	<b>3601-0492</b>

### S&S® OIL

Description	Part #
20W50 Synthetic, 1 quart	<b>3601-0407</b>
20W50 Synthetic, 2.5 Gallon	<b>3601-0408</b>
Primary, Synthetic, 1 quart	<b>3603-0044</b>
80W140 Gear, Synthetic, 1 quart	<b>3604-0007</b>



# 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	Black
M8 engines	10µ	each	<b>31-4104A</b> 63798-99A	<b>31-4103A</b> 63731-99A
		12 pack	<b>310-0242</b>	<b>310-0241</b>

\*Contains an anti-drain back valve

# GASKETS

### GASKETS

Cam Cover		<b>310-0911</b>
Exhaust Gaskets	each	<b>106-5029</b>
	10 pack	<b>93-1072</b>
Valve Stem Oil Seal, Hat Style, 6mm,	8 pack	<b>900-0959</b>
Head gasket, 4.25" Bore, .030" Stock bolt pattern	2 pack	<b>930-0140</b>

Base gasket, Stock to 4.250" Bore, .014" Stock bolt pattern	2 pack	<b>930-0139</b>
Gasket Kit, includes Head, Base, & Exhaust, 4.25" Bore		<b>900-0955</b>
O-ring kit, Oil Pump		<b>500-0850</b>



[View other motorcycle engine parts made by S&S Cycle on our website.](#)