



5 0 S t a t e L e g a l

M 8 P E R F O R M A N C E



George and Marjorie Smith

S&S Cycle has been a leading manufacturer of Proven Performance™ v-twin motorcycle components and engines for 65 years, specializing in high performance products for Harley-Davidson® motorcycles. George Smith and Stanley Stankos founded the company in 1958 in Blue Island, Illinois. Shortly after the founding of S&S, George, and his wife Marjorie (whose maiden name was also Smith), bought out Stanley Stankos and Smith & Stankos became Smith & Smith (S&S). In 1969, S&S moved from Blue Island to Viola, Wisconsin and expanded to La Crosse, Wisconsin in 2004. With 65 years in the business, S&S become the most trusted name in American v-twin high performance. www.sscycle.com





EXHAUST

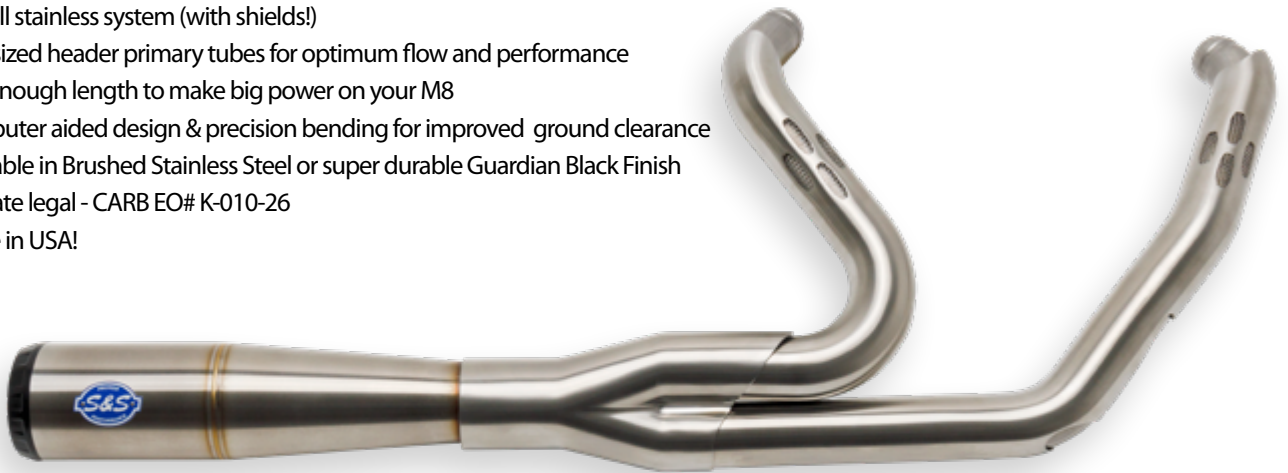


S&S was building Performance Baggers long before it was called that and our focus has always been on making big power! The Diamondback 2-1 Exhaust System is a perfect example of our commitment to true performance. Beginning with a stepped header for maximum flow and a merged collector specifically engineered 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!)
- Oversized header primary tubes for optimum flow and performance
- Just enough length to make big power on your M8
- Computer aided design & precision bending for improved ground clearance
- Available in Brushed Stainless Steel or super durable Guardian Black Finish
- 50 State legal - CARB EO# K-010-26
- Made in USA!



Diamondback 2-1 For 2017–2022 HD® M8 Touring Models - 50 State

Finish	Part #	MSRP
Stainless Steel	550-0999A	1859.95
Black	550-1027A	1859.95

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

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

EXHAUST



Features & Benefits

- 2-1 styling for high-performance baggers
- Stainless steel stepped header
- Increased power and torque
- Available in Show Quality 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
- Made in USA!

NOTE The Sidewinder 2:1 will only work with shocks that are 13" or less.



Sidewinder 2-1 Exhaust For 2017–'21 HD® M8 Touring Models - 50 State†

Finish	Part #	MSRP
Chrome	550-0758D	1673.95
Black	550-0759D	1627.95

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

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

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



Features & Benefits:

- Shadow muffler fills left side cutout in extended bags when running Sidewinder 2-1
- Available in Show Quality Chrome or Guardian Black finish
- Matching end caps for left and right side
- 4.5" design
- All hardware included
- Made in USA!

NOTE The Shadowpipe will only work with shocks that are 13" or less.



2017–2021 HD® Touring Models Equipped With S&S® Sidewinder® 2-1 Exhaust			
Finish	Part#	MSRP	
Chrome	550-0829	440.95	
Black	550-0831	436.95	
If you have...			...you'll need
BIKE	FINISH	SIDEWINDER PART #	SHADOW PIPE PART #
2017–2021 touring model	Chrome	550-0758D	550-0829
	Black	550-0759D	550-0831



Highlight Machined Tracer



Black Thruster



Black Thruster



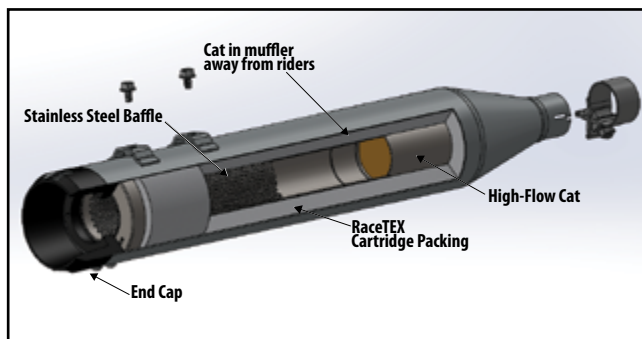
Highlight Machined Tracer



Chrome Tracer

Features & Benefits:

- High performance 2:2 exhaust system
- Stainless steel header
- 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 for wide band or stock O2 sensors
- Relocation of cats to mufflers reduces rider heat
- Made in the USA!



NOTE The El Dorado will only work with shocks that are 13" or less.



El Dorado Exhaust System for 2017-'22 HD® Touring Models - 50 State

Finish	End Cap	Part #	MSRP
Black	Highlight Machined Tracer	550-0702C	1853.95
	Black Thruster	550-0700C	1709.95
Chrome	Highlight Machined Tracer	550-0701C	1889.95
	Black Thruster	550-0699C	1853.95
	Chrome Tracer	550-0851A	1889.95

*NOTE: Does not fit trike models

Exempt from emissions tampering regulations under CARB EO# K-010-25 for all 2017-2022 FL touring models

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



Features & Benefits:

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



Removable dB reducer

GNX 4.5" SLIP-ONS For 2017–2022 M8 Touring Models - 50 State

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

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

EXHAUST



550-1011



550-1010



550-0665



550-0664



Fitment:

- 2017–2023 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
- Deep performance rumble replaces stock whisper tone
- Choose Cutlass, Thruster or Tracer end cap designs in chrome or Tuxedo Black
- Removable dB reducer
- Made in USA!



Removable dB reducer



550-0669



550-0668



550-0666



550-0670

Mk45 4.5" Slip-Ons			
Muffler Finish	End Cap Finish & Style	Part #	MSRP
Chrome	Black Cutlass	550-1011	775.95
	Chrome Thruster	550-0665	782.95
	Black Thruster	550-0664	775.95
	Chrome Tracer	550-0669	782.95
Black	Highlight Machined Tracer	550-0668	775.95
	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 2017-2023 FL Touring models
 ⚠️ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov

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

NOTE The MK45 will only work with shocks that are 13" or less.



Soundbites available at SSCYCLE.COM



Features & Benefits:

- Available in 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!



Removable dB reducer

Grand National® Slip-Ons - 4" Mufflers For 2017–2022 Touring M8 Engines* (Excluding Trike Models)

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

*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



Features & Benefits:

- Classic slash cut styling
- Deep performance rumble replaces stock whisper tone
- Available in Show Quality Chrome or Guardian Black finish
- Economical price
- Removable dB reducer included
- Excellent choice for trike models (See chart)
- Made in USA!



Removable dB reducer

Slash Cut Slip-Ons - 4" Touring Mufflers For 2017 - 2022 Touring M8 Engines*

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

Slash Cut Slip-Ons - 2009-2022 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

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

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.
- 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
- Made in USA!



Passenger Peg
Relocation Bracket
(part #550-0801 for 82.95)



NOTE Mid mounts require brake pedal kit (part # 560-0259A)



Grand National® 2-2 For 2018–'20 HD® Street Bob®, Low Rider, Slim, Fat Bob, & Deluxe Models - 50 State

Finish	Part #	MSRP
Chrome	550-0816A	1292.95

[†]Exempt from emissions tampering regulations under CARB EO# K-010-7 for all 2018-2020 Softail Models

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

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 Lowrider S[®], Heritage[®] and 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)
- Made in the USA!

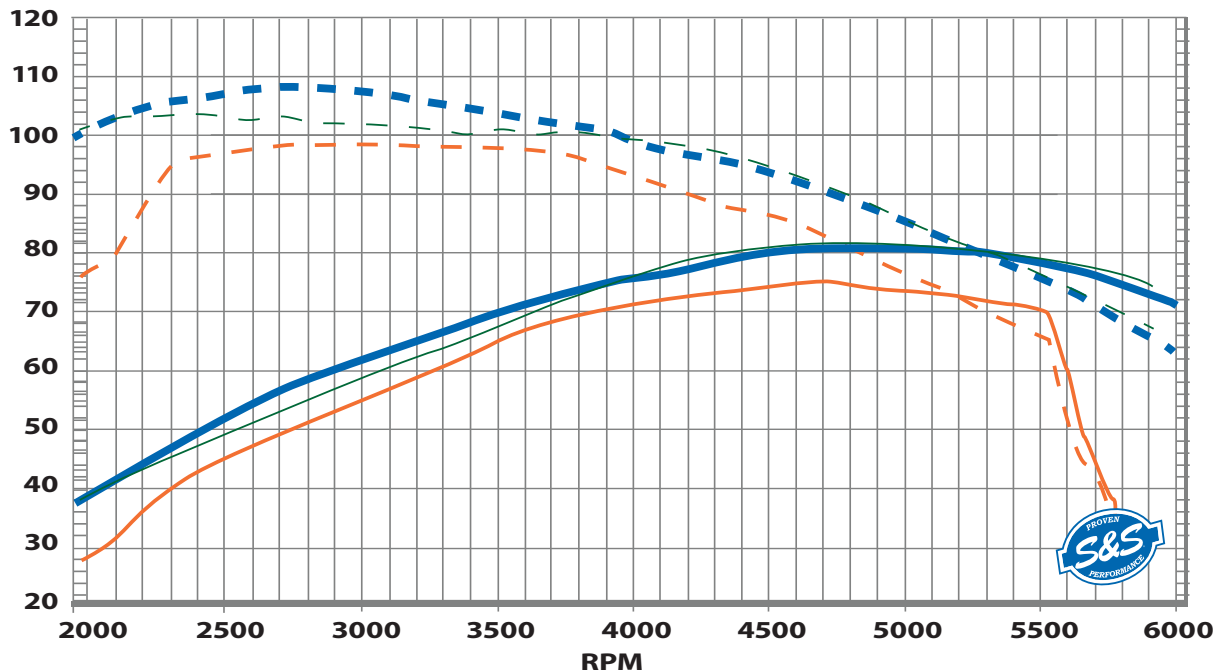


NOTE Mid mounts require brake pedal kit : Part # 560-0259A MSRP 193.95





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	

Superstreet 2-1 For 2018–2022 M8 HD® Softail® Models			
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	1669.95
	Black with Black end cap	550-0789B	1669.95
	Chrome with Black end cap	550-0791B	1637.95
2018–2022 HD® Softail® Fat Boy®, Breakout® & FXDR® models	Black with Black end cap	550-0846B	1637.95
	Chrome with Black end cap	550-0847B	1669.95

Exempt from emissions tampering regulations under CARB EO# K-010-22 for all 2018-2022 Softail models with 107" or 114" engine
 ⚠️ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

Features & Benefits:

- Up to 12% more horsepower and 6% more torque
- Race inspired design
- Guardian Black finish
- Deep performance rumble replaces stock whisper tone
- No mapping required
- Removable dB reducer
- Made in USA!



Removable dB reducer



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



Features & Benefits:

- Available in Show Quality Chrome or Guardian Black finish
- Deep performance rumble replaces stock whisper tone
- Guardian Black is exact match to OEM heat shields
- All hardware and gaskets included
- Made in USA!



Grand National® Slip-Ons For 2018–2022 M8 HD® Softail® Models

Fitment	Muffler Body Finish	Part #	MSRP
M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy® & Breakout® models	Black	550-0754B	1235.95
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy & Breakout® models	Chrome	550-0755B	1235.95
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	550-0757B	1235.95

*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

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



Features & Benefits:

- Classic Slash Cut styling
- Available in Show Quality Chrome or Guardian Black finish
- All hardware and gaskets included
- Guardian Black is exact match to OEM heat shields
- Deep performance rumble replaces stock whisper tone
- Made in USA!



Slash Cut Slip-Ons For 2018–2022 HD® Softail® Models

Fitment	Muffler Body Finish	Part #	MSRP
M8 HD Softail models: Street Bob®, Low Rider®, Slim®, Fat Boy®, & Breakout® models	Black	550-0752B	1205.95
M8 HD Softail models: Street Bob, Low Rider, Slim, Fat Boy, & Breakout models	Chrome	550-0753B	1205.95
M8 HD Heritage Softail Classic & Softail Deluxe models	Chrome	550-0756B	1132.95

[†]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

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

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 in a stylish package.

Features & Benefits:

- Bolt-on performance—over twice the filtering area of a 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 filter elements
- Tig welded
- Available in chrome, gloss black or brushed stainless steel
- Water resistant rain socks also available (Part# 106-0248)

NOTES

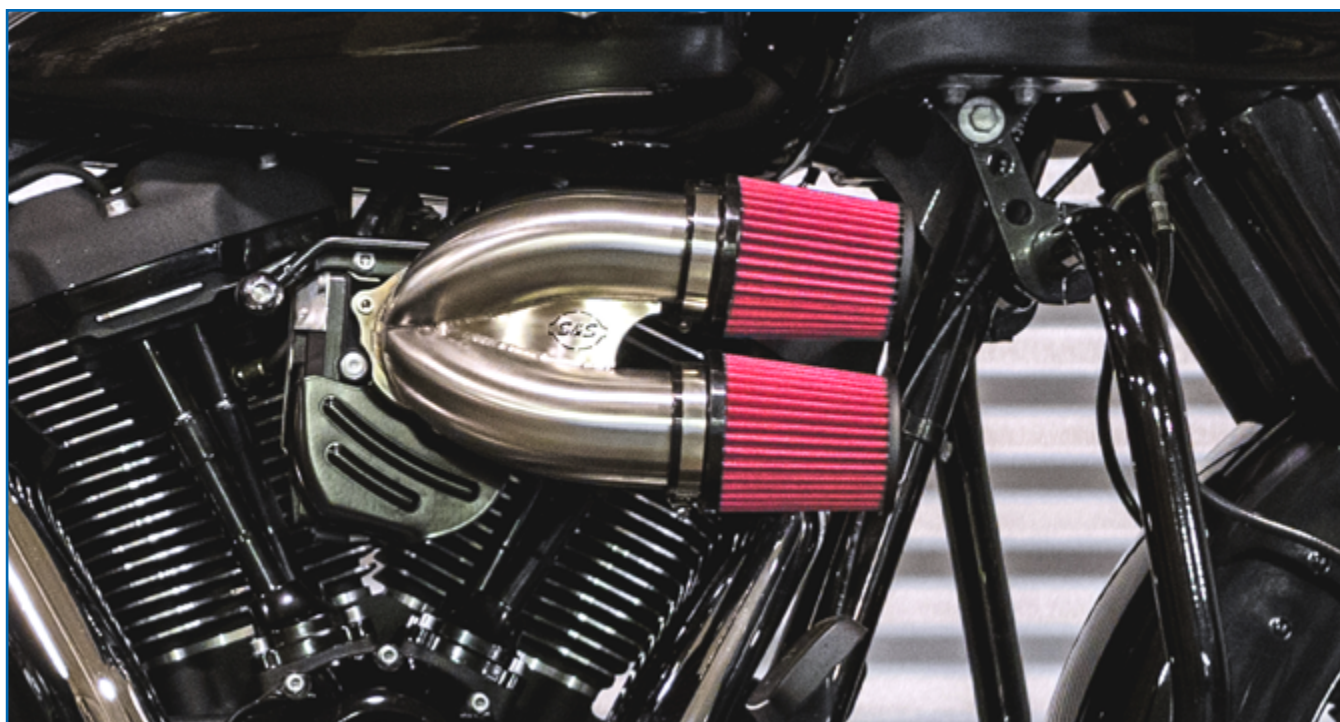
- The Tuned Induction System will not fit on motorcycles equipped with fairing lower glove boxes or Twin-Cooled™ models.
- S&S Throttle Body Support Bracket Kit (170-0640) is required for Screamin' Eagle(R) throttle bodies



Tuned Induction Air Cleaner Kit

Finish	Part #	MSRP
Gloss Black	170-0567A	463.95
Chrome	170-0566A	472.95
Stainless Steel	170-0565A	463.95

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



INTAKE



Tribute in Chrome



Mini in Lava Chrome



Mini in Gloss Black

Fitment:

- 2017–2023 HD® models with M8 engine
- Works with Stock 55mm and 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

Stealth Air Cleaner Kits							
Tribute		Teardrop			Mini		
Chrome	Gloss Black	Chrome	Gloss Black	Lava Chrome	Chrome	Gloss Black	Lava Chrome
170-0595A	170-0598A	170-0524B	170-0525B	170-0781	170-0435C	170-0436C	170-0782
377.95	377.95	377.95	377.95	369.95	377.95	377.95	369.95

Tri-Spoke	Torker	Air 1	Teardrop	Airstream	
Gloss Black	Gloss Black	Gloss Black	Carbon Fiber	Chrome	Gloss Black
170-0392C	170-0393C	170-0394C	170-0498B	170-0390C	170-0397C
387.95	377.95	377.95	550.95	377.95	391.95

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

INTAKE

Stealth Air Cleaner Filter Kit



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.

- Use with your stock HD M8 engine air cleaner cover (Adapter required—see below)

Kit Only - No Cover		
Description	PART #	MSRP
Stealth Air Cleaner Filter Kit (no cover) for Stock M8 & 64mm Throttle Body	170-0354C	205.95
Adapter for Stock M8 Air Cleaner Cover	170-0352	71.95

See ALL of our cover options on the next page

INTAKE

	NEW! Teardrop Lava Chrome	170-0779	199.95
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	Carbon Fiber	170-0501	356.95
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	Teardrop Chrome	170-0530	205.95
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	Teardrop Gloss Black	170-0531	203.95
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	Teardrop Slasher Chrome	170-0532	216.95
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	Teardrop Slasher Gloss Black	170-0533	214.95
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	Airstream Chrome	170-0118	193.95
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	Airstream Gloss Black	170-0396	195.95
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	NEW! Mini Lava Chrome	170-0780	199.95
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	Mini Chrome	170-0367	203.95
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	Mini Gloss Black	170-0366	203.95
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	Tribute Chrome	170-0592	203.95
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	Tribute Gloss Black	170-0593	203.95
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	Air 1 Gloss Black w/Highlights	170-0532	216.95
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	Displacement 124	170-0321	203.95
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	Tri-Spoke Gloss Black w/Highlights	170-0530	205.95
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	Torker Gloss Black w/Highlights	170-0206	193.95
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Compliant full cover & Stealth air cleaner kits available on sscycle.com



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.

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.

Air Stinger™ Stealth Air Cleaner Kits		
Teardrop Finish	Part #	MSRP
Gloss Black	170-0718A	407.95
Chrome	170-0717A	407.95
With S&S Ring	Part #	MSRP
Brushed Ring	170-0714A	236.95
AIR STINGER™ FILTER ONLY	170-0723A	71.95

Exempt from emissions tampering regulations under CARB EO# D-355-40
 ⚠️ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov



Fitment:

- S&S Stealth Air Cleaners

Features & Benefits:

- This pleated Stealth air filter element is washable and reusable to last for years.



Standard Replacement Air Filters		
Fitment	Part #	MSRP
Stealth	170-0126	61.95

Stealth and Stinger 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

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



Tuned Induction Pre-Filters (Rain Socks)

Fitment

- S&S Tuned Induction Air Filter Kits

Nylon Tuned Induction Pre-Filter		
Description	Part #	MSRP
Nylon Tuned Induction Pre-Filter (2-pack)	106-0248	114.95





VALVE TRAIN

Fitment:

- 2017-'21 M8 Models

Features & Benefits:

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

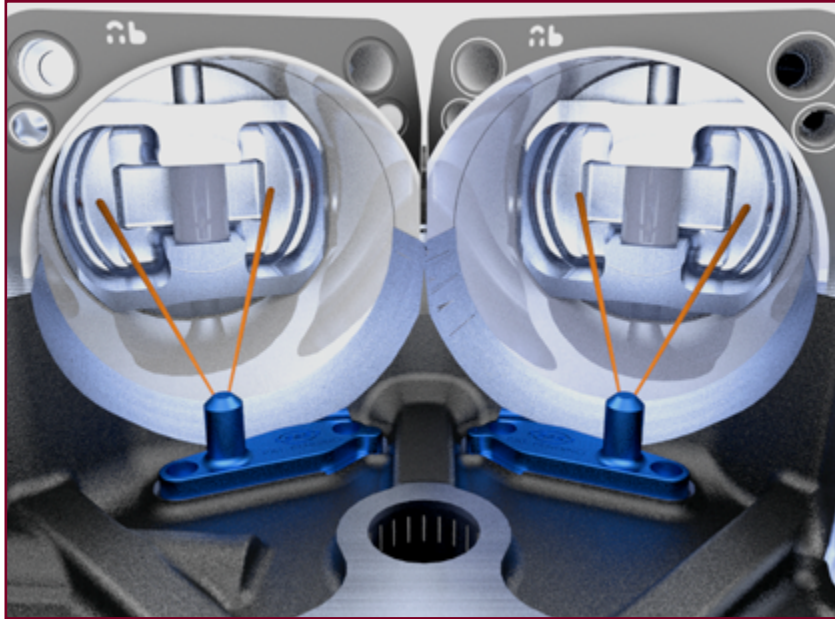


55mm Performance Manifold For M8 Models		
Description	Part #	MSRP
55mm Performance Manifold	160-0241A	214.95
Exempt from emissions tampering regulations under CARB EO# D-355-39		



VALVE TRAIN

- Patent Pending Dual Spray Technology for uniform piston cooling
- Crafted from strong, billet 6061 T6 aluminum
- Revised spray locations for more effective cooling
- Shortened nozzle for increased rod clearance
- Includes all necessary hardware and gaskets



The S&S team has developed an exceptional piston cooling jet for HD® Milwaukee-Eight® models. As they evenly cool both intake and exhaust sides of the pistons, the jets create a cooler engine with more power and better durability. The patent-pending, dual spraying S&S piston cooling kit is a must have for your M8 machine. Sold as a kit with everything needed to get you going.

Piston Cooling Jets

Description	Part #	MSRP
Piston Cooling Jet Kit For M8 Engines	310-1203	81.95



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

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 \$\$



NOTE Pinion shaft runout cannot exceed .005" to run the S&S cam plate and oil pump

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		
Oil-Cooled	310-0959A	615.95
Water-Cooled	310-0947A	587.95



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



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

VALVE TRAIN

Oil Control Valve For 2017-2023 M8 Models	
Part #	MSRP
310-1150	50.95

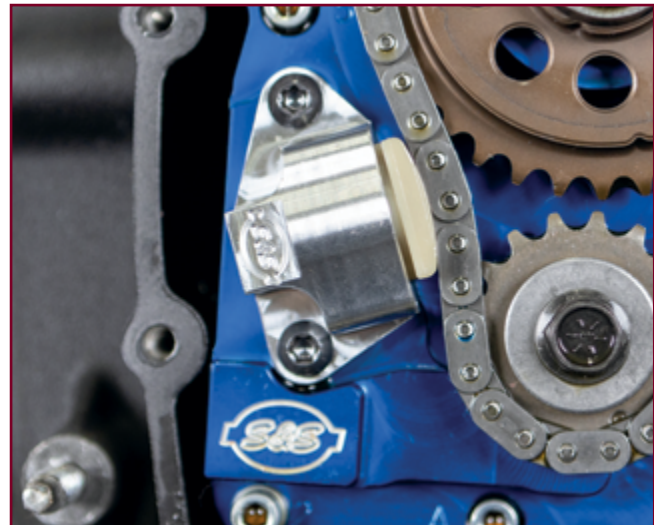
Cam Chain Tensioner

Fitment

- 2017-2023 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	
Part #	MSRP
330-0737	104.95



VALVE TRAIN

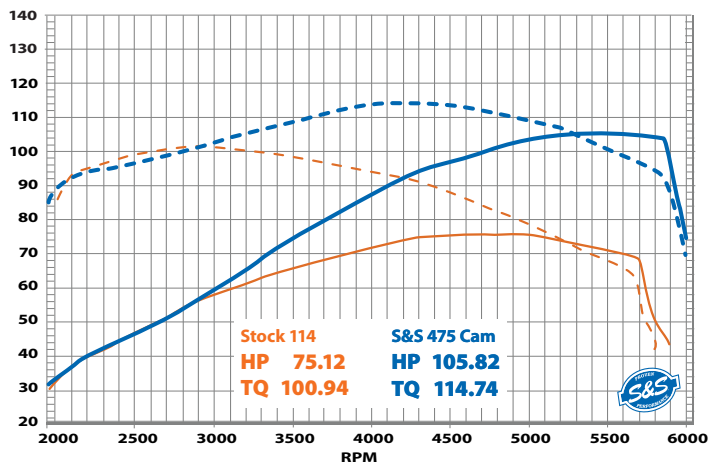
Fitment:

- 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
- High contrast display, viewable in direct sunlight

Not yet available for 2020 or newer models



NOTE Designed to work specifically with our Stealth air cleaner kits and MK45 mufflers with a stock header or our El Dorado exhaust system



475 Performance Cam Kit for 2017–2019 M8 Models

Description	Part #	MSRP
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

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 big bore conversion this kit is a must have!

Features & Benefits:

- 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!

VALVE TRAIN



Top End Guardian Kit

PART #	MSRP
900-1092	917.95
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	



Features & Benefits:

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

Rocker Arm Shaft Set		
Description	Part #	MSRP
Rocker Arm	900-1090	173.95

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

VALVE TRAIN

Forged Roller Rocker Arms

Big lift cams can open up the high rpm potential of the M8 powerplant, but they can also cause 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
- Larger surface area on the thrust surfaces reduces wear on the heads
- Rollers eliminate thrusting on valves for decreased wear on the valve train
- Rocker geometry is better suited to high lift cams
- 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!
- 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)



Forged Roller Rocker Arms		
Description	Part #	MSRP
S&S Forged Roller Rocker Arms for M8 Models	900-1084	611.95
Rebuild Kit	900-1087	167.95

NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE
 *Qualified Manufacturer Declared 49-State Federal Emissions Compliant Part



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 tappets. 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:

- 2017–2023 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		
Description	Part #	MSRP
Set of 4 tappets	330-0718	279.95

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:

- 2017–2023 HD® Touring Models
- 2018–2023 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
2017–2023 HD® touring models 2018–2023 HD Softail® models	330-0655	84.95

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		
Description	Part #	MSRP
Rocker Arm Stud Kit for M8 2017–2023 Models	900-1013	122.95

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



Valve Spring Kit		
Description	Part #	MSRP
Valve Spring Kit for M8 2017–2023 Models	900-0958	395.95
Replacement Parts for Valve Spring Kits		
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

Inner Primary Bearing Race

Fits:

- 2017-2023 M8 Models

Features & Benefits:

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



Inner Primary Bearing Race		
Description	Part #	MSRP
Transmission Mainshaft Bearing 2017-'23 M8 Models	560-0241	82.95



VALVE TRAIN

Features & Benefits:

- 4140 Chrome Moly studs, oil quenched and tempered to 39-44 HRC
- 80,000psi Tensile Strength
- Rounded thread roots, rather than flat, improving fatigue strength
- Positive stop shoulder allows for consistent installed height

Stud Kits For M8		
Description	Part #	MSRP
Cylinder Stud & Bolt Kit for 2017-up M8 Models - 8 Pack	900-1176	\$219.95
Cylinder Stud Only Kit For 2017-up M8 Models - 8 Pack	310-1204	81.95

Head Bolts

Features & Benefits:

- 14% increase in strength over stock
- Heat treated 8640 steel
- 200,000 psi ultimate tensile strength
- Durable black oxide coating
- Formed threads
- Cold formed head
- Compatible with both MLS & graphite head gaskets
- 3/16" 12 point head with integral washer



Head Bolts		
Description	Part #	MSRP
Sold as set of 8	900-1006	152.95

All S&S Quickee Pushrods are covered by US Patent No. 7644694



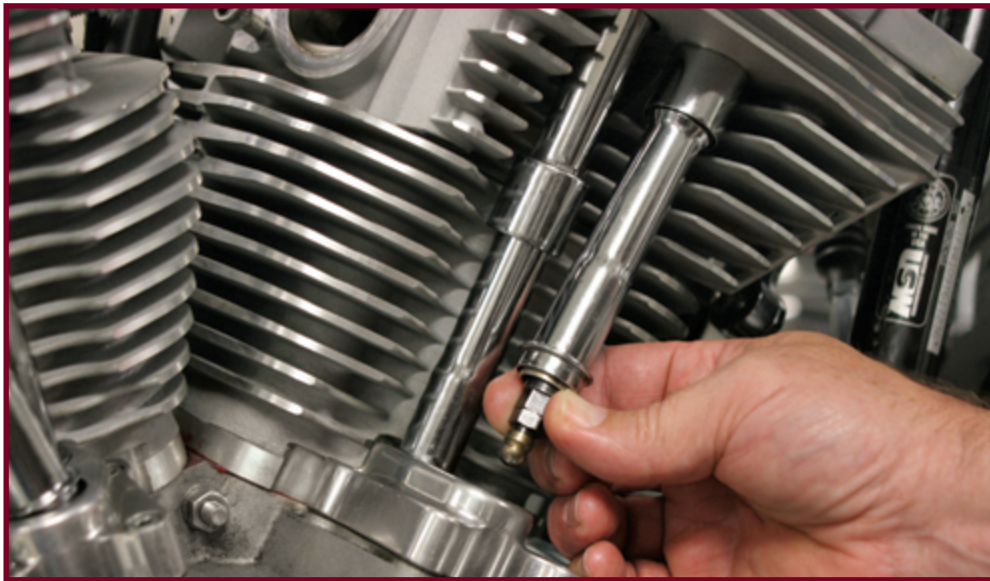
Fitment:

- 2017–2023 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
- Available in gloss black or chrome.
- Includes Pushrods, gloss black or chrome pushrod covers, o-rings, and cover keepers

VALVE TRAIN



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

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

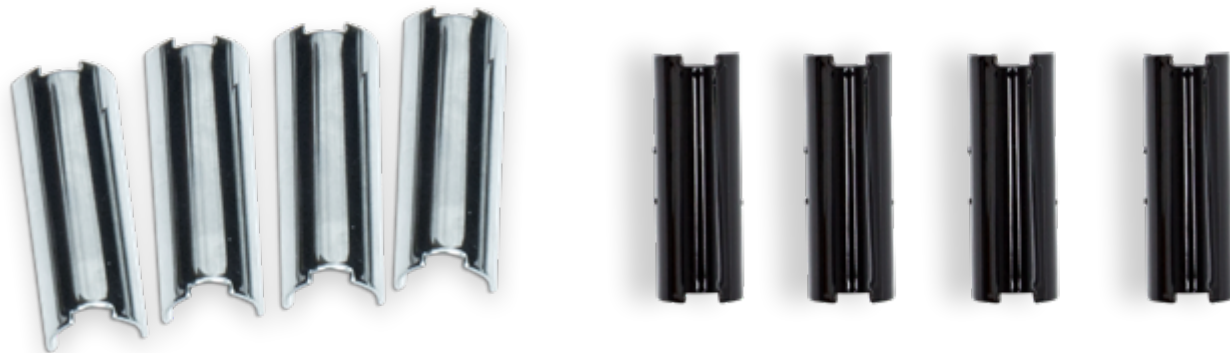
Pushrod Replacement Parts For The M8 Engine

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

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



Pushrod Replacement Parts For The M8 Engine



Pushrod Cover Keeper Sets

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

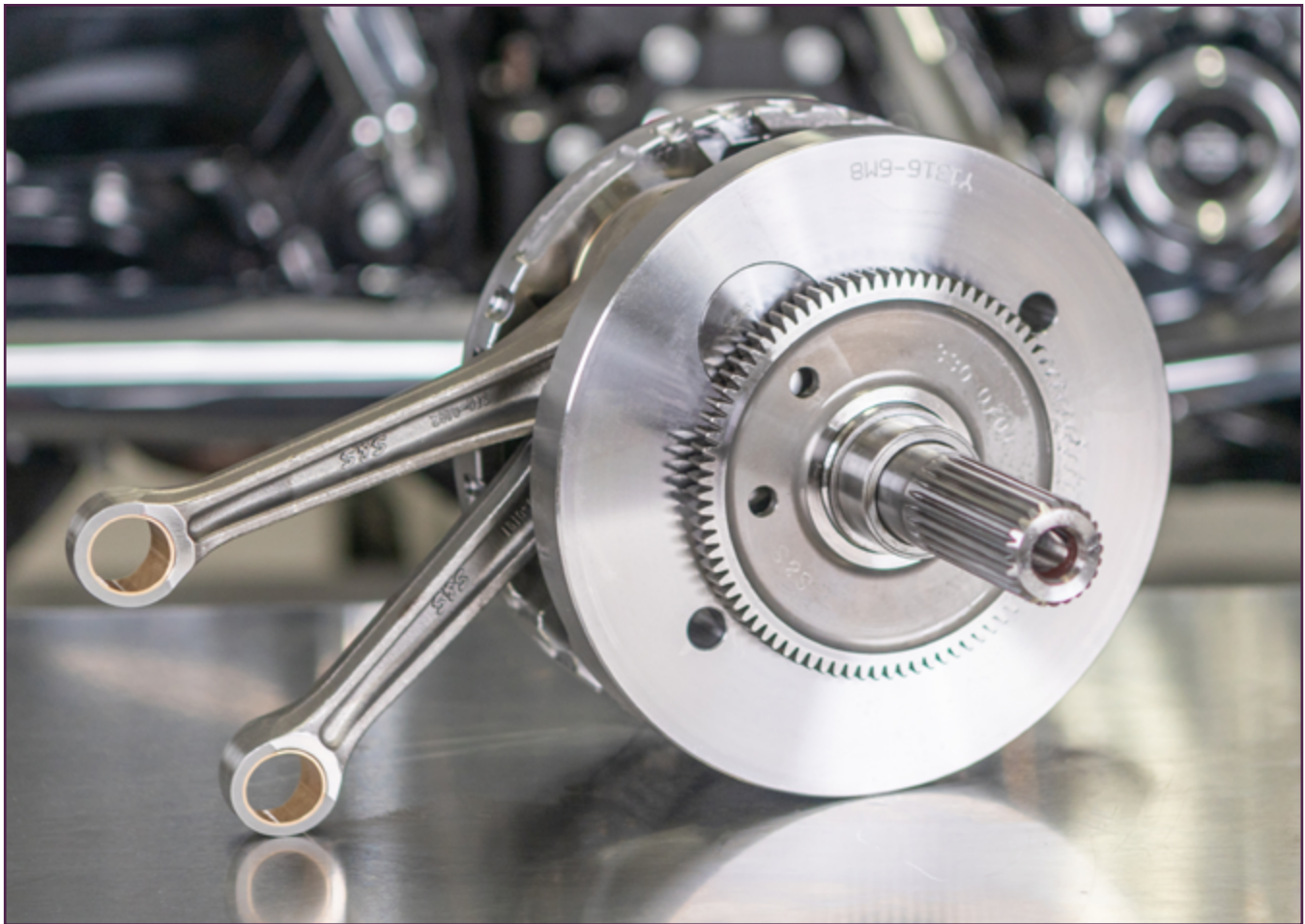
The crankshaft is the heart of any performance engine and S&S Cycle has been perfecting the art for over six decades. Stronger, more durable, and tried to a spec others can only dream of, our new crankshaft assemblies for the M8 platform are the best of the best to build your high performance engine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

Features & Benefits:

- OEM replacement flywheels for stock 107" engines with 4-3/8" stroke flywheels and stock 114" / 117" with 4-1/2" stroke flywheels
- Balancer Gear installed
- Heat Treated 4140 Material is harder & more than twice as strong as stock
- Stronger assembly eliminates need to weld crankpin
- Capable of higher RPM
- Tapered wristpin connecting rods also compatible with stock pistons
- Balanced for stock piston weight (1060g)
- Perfect for Gear Drive Cams

NOTE

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.



Flywheel with Tapered Rods for 2017-2023 M8 Models

Part #	Stroke	MSRP
320-0598	4 1/2"	1733.95
320-0601	4 3/8"	1733.95

S&S® Oil Change Kit



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
2017–2023 HD® Models with M8 Engine 5 quarts of SAE 20W-50 Synthetic Engine Oil with chrome oil filter	3601-0492	140.95

OIL, FILTERS, & GASKETS



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:

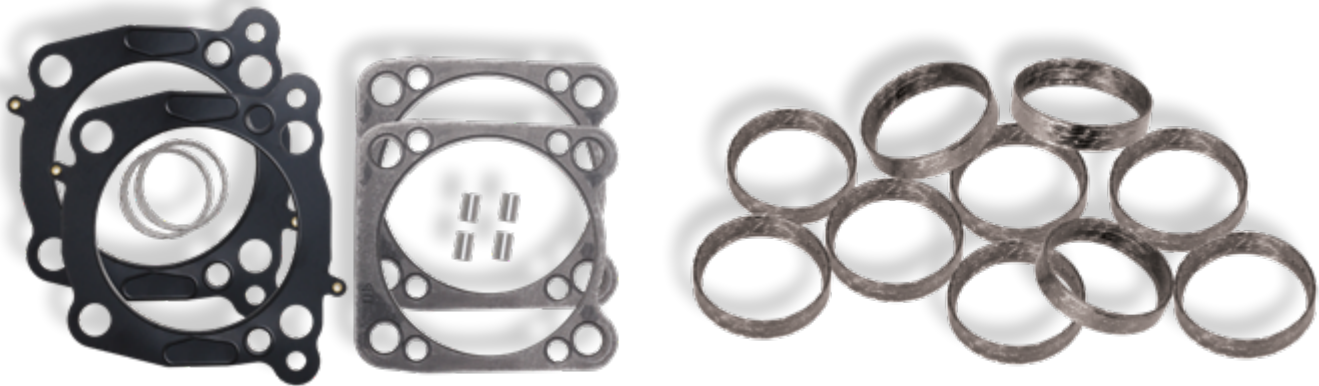
- Captures smaller particles than stock filters
- Low restriction to oil flow
- Direct bypass — bypass oil does not pass over dirty filter media
- Smaller diameter for easier installation
- Black or chrome finish



S&S® Oil Filters					
Year Application	Micron Rating	Finish	QTY	Part #	MSRP
2017-2023 HD® Models with M8 Engine	10µ	Black	1 Filter	31-4103A	20.95
		Chrome	1 Filter	31-4104A	23.95
		Black	12 pack	310-0241	183.95
		Chrome	12 pack	310-0242	288.95

**Contains an anti-drain back valve*

Gaskets



Gaskets			
Description	Quantity	Part #	MSRP
Cam Cover	1 each	310-0911	21.95
Exhaust Gaskets	1 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	1 each	900-0955	164.95
O-ring kit, Oil Pump	1 each	500-0850	9.95

OIL, FILTERS, & GASKETS



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2023
MADE IN USA

510-0728

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