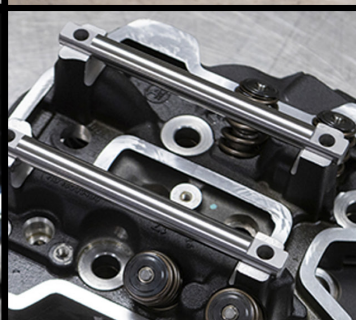
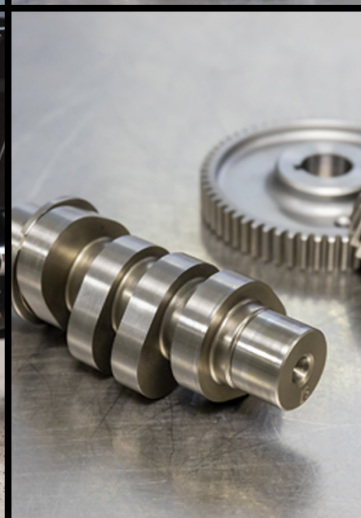
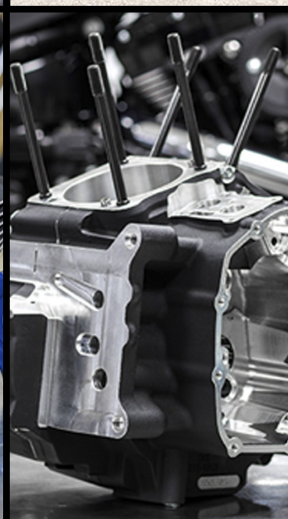
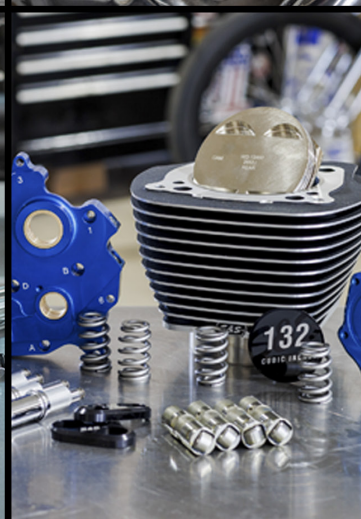
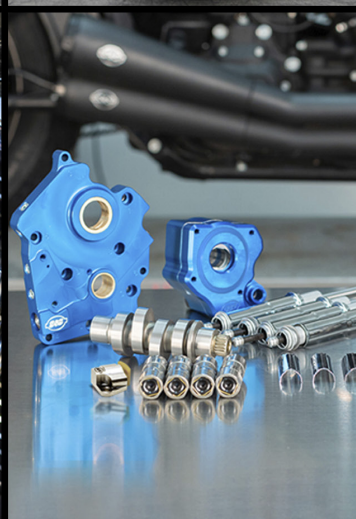
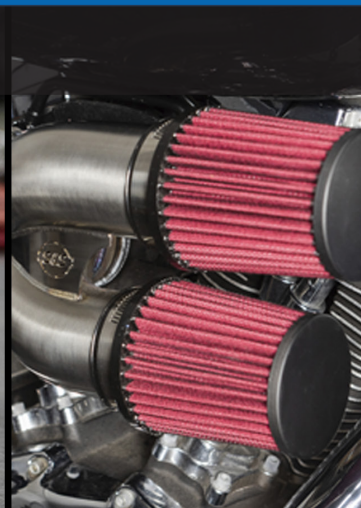
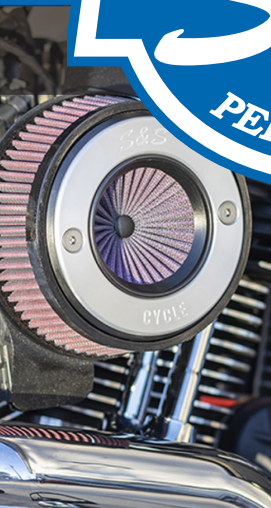
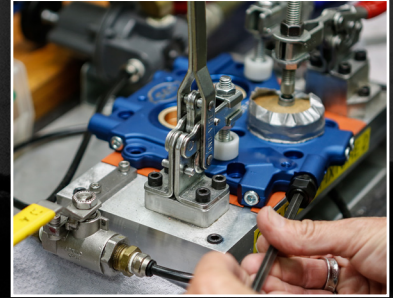




2025 Update

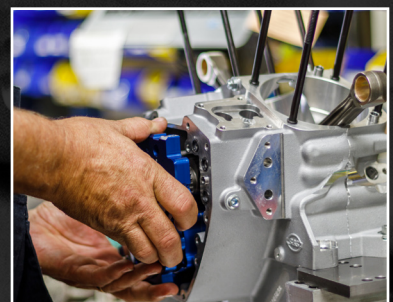
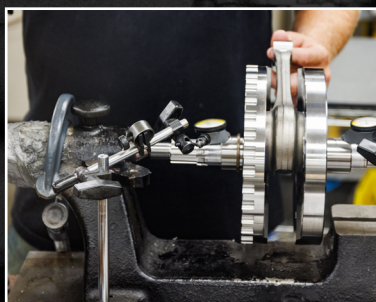




**Delivering the ultimate customer
experience in the Powersports Industry
through Proven Performance**



Proudly Made in the USA.



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

Brett Smith
Member, Board Oversight Committee
Chair, Strategic Planning Committee
Chair, Nomination, Compensation, &
Leadership Development Committee



Dear Valued S&S Customer,

Not long ago, we published and distributed our catalog and provided you with some observations and updates. In just less than a year, there is much to share:

- 1) First, we remain completely focused on our mission of '*Delivering the ultimate customer experience in the powersports industry through Proven Performance.*' We continue to bring back several key players such as Justin Bramstedt, Senior Manager of Warranty, Benchmarking & Product Action Committee (PAC) Support and Steve Rominski, Engineering Technician. This was also our first summer hiring college co-ops (students receiving multiple semester credit during their time with S&S) from specialty programs focusing on internal combustion engines (ICE). Additionally, since January, we've visited more dealers and sent out more catalogs that we have in the past eight years. We've been learning a lot and receiving valuable feedback from many of you—we are listening. Thank you for your constructive suggestions and continued support!
- 2) Our 2025 Vintage Project has been a tremendous success. Thanks to our builders, Kevin 'Teach' Bass, Chip Kastelnik, Brian Klock, Chris Callen, Mike Beland, and Xavier Muriel, for their creativity and total commitment to the project in the USA. We are wrapping up the tour at Mooneyes this December in Japan with Masumi Tsuchino, Yusaku Sato, and Takuya Okubo. We will have another project in 2026 celebrating the 250th birthday of our great United States of America! We have an impressive slate of builders and are planning some special surprises for this tour.
- 3) As promised and demonstrated in this supplement, we continue expanding our MK-series product line. Likewise, we have and will continue making performance improvements at a rapid pace—including exhaust and cams. Later this year, there will be additional performance enhancements to the MK and T-series lines; yes, the T-series products. We believe there is a strong opportunity to 'update' the T-series with some of our MK features. If such an effort were to take place, I could envision a scenario where it might be tested on the 'Great White Dyno' at Bonneville in 2026...
- 4) Speaking of Bonneville and racing in general, we recently made plans to reconstitute our Race Department with a focus on bringing new, *Proven Performance*, and compliant products to you—our most valued customers. Not only do we plan to continue with *King of the Baggers*; we are also reviewing our involvement with various grass roots and professional sanctions with support from our dealer development team. BTW, as I write this letter, we have a team heading towards Bonneville to set a special record. More on that later.
- 5) Finally, we had a great experience at the *Donnie Smith Show* in Minneapolis this past March after a long hiatus. I thought it was a fantastic event and I encourage anyone that can attend to do so. S&S is now one of the major sponsors and will have an expanded presence in March, 2026. We hope to see many of you there!

We hope you all have a wonderful and very safe conclusion to this riding season in 2025. God bless you all!

Sincerely,

Brett G. Smith
Director and Shareholder

S&S Cycle, Inc. · 14025 County Highway G ~ Viola, Wisconsin 54664 USA · 608-627-1497 · www.sscycle.com

GNX 2-1 Exhaust
For 2017-2025 H-D® M8 Touring

www.sscycle.com



MEET THE ALL-NEW GNX 2-INTO-1 EXHAUST!

The S&S Cycle GNX 2-1 Exhaust is our all-new 2-into-1 exhaust design. It delivers a really deep tone, increased performance, and clean lines on the bike. Just like the other S&S Cycle GNX exhausts, this 2-into-1 is positioned at a great price without sacrificing performance or cutting corners. The 2-into-1 GNX is available in both durable chrome or high-temp guardian black finishes to compliment your bike's look, turn heads and grab attention.

Fitment

- 2017-2025 H-D® M8 Touring

Features And Benefits

- 4.5" Chrome or Guardian Black Finish
- 2.5" Louvered baffle
- Race inspired Grand National End Cap
- Removable dB Reducer (J2825 compliant)
- Made in the USA



GNX 2-1 Exhaust	
Description	Part #
49 State GNX 2-1 Exhaust System for 2017-2025 Harley Davidson M8 Touring Models - Guardian Black Finish	550-1169 [†]
49 State GNX 2-1 Exhaust System for 2017-2025 Harley Davidson M8 Touring Models - Chrome Finish	550-1170 [†]
Race Only GNX 2-1 Exhaust System for 2017-2025 Harley Davidson M8 Touring Models - Guardian Black Finish	550-1167 ^{††}
Race Only GNX 2-1 Exhaust System for 2017-2025 Harley Davidson M8 Touring Models - Chrome Finish	550-1168 ^{††}

[†]NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE ^{††}Qualified Manufacturer Declared 49-State Emissions Compliant Part on MY 2017-2025 touring models
^{††}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.



M8 Stock Header 2-1 - Swindler For 2017-2025 M8 Touring Models



If you are looking for increased performance and reduced weight, there is no better choice than a 2 into 1 exhaust. S&S has now made that upgrade easier and more economical than ever before with a 2 into 1 conversion muffler kit. This kit removes the left side muffler and header and routes spent gases through a single 4" Grand National or 4.5" GNX muffler, your choice in black or chrome.

Fitment:

- 2017-2025 M8 Touring Models

Features And Benefits:

- 4.0" or 4.5" Muffler - Guardian Black or Chrome
- 2.5" Louvered Core
- Stainless steel cross over plug
- Grand National end cap
- Removable dB Reducer (J2825 compliant)
- Made in USA! 

Cross Over Plug Kit:

- Stainless steel cross over plug
- Stainless steel clamp
- Made in USA! 



Swindler Cross Over Plug and Muffler Kits for 2017-2025 M8 Touring Models

Description	Part #
Stainless Steel Cross Over Plug Kit for 2017-2025 M8 Touring Models	550-1136
Swindler 2-1 Black 4" Muffler Kit for 2017-2025 M8 Touring Models	550-1139
Swindler 2-1 Chrome 4" Muffler Kit for 2017-2025 M8 Touring Models	550-1140
Swindler 2-1 Black 4.5" Muffler Kit for 2017-2025 M8 Touring Models	550-1141
Swindler 2-1 Chrome 4.5" Muffler Kit for 2017-2025 M8 Touring Models	550-1142
Swindler 2-1 Black 4" Muffler Kit for 2017-2024 M8 International Touring Models	550-1163
Swindler 2-1 Chrome 4" Muffler Kit for 2017-2024 M8 International Touring Models	550-1164
Swindler 2-1 Black 4.5" Muffler Kit for 2017-2024 M8 International Touring Models	550-1165
Swindler 2-1 Chrome 4.5" Muffler Kit for 2017-2024 M8 International Touring Models	550-1166

**Qualified manufacturer declared U.S. 50-State emissions compliant part on all MY 2017-2025 FL touring models*

S&S Grand National Slip-On
For 2025 Harley-Davidson® Softail® Models

www.sscycle.com



The Softail is known for its performance-oriented design and modern features while maintaining the classic styling cues. S&S Cycle created the Grand National slip-on muffler to perfectly complement this blend of tradition and technology using our advanced engineering experience and technology to enhance performance, sound, and overall riding experience. The Grand National slip-on is designed to optimize exhaust flow and give your Softail a distinct aggressive sound while staying true to its iconic roots.

Fitment:

- 2025 Harley Davidson Street Bob, Low Rider S, Low Rider ST, Heritage Classic Softail Models

Features And Benefits:

- Guardian black & chrome finishes
- 4.0" Muffler shell
- 2.5" Louvered Core
- Grand National end cap
- 50 State compliant
- Removable dB Reducer (J2825 compliant)
- Made in USA!



Grand National Slip-on Muffler for 2025 M8 H-D® Softail®	
Description	Part #
Grand National Slip-on Muffler for 2025 M8 Softail® Standard Chassis - Black	550-1159
Grand National Slip-on Muffler for 2025 M8 Softail® Standard Chassis - Chrome	550-1160

**Qualified manufacturer declared U.S. 50-State legal emissions compliant part on all 2025 Harley Davidson Street Bob, Low Rider S, Low Rider ST, Heritage Classic Softail Models.*



www.sscycle.com

Grand National Slip-ons for 2021-2025 H-D® Sportster® S Models



The Sportster S is known for its performance-oriented design and modern features while maintaining the classic Sportster aesthetics. The Grand National Sportster S slip-on mufflers perfectly complements this blend of tradition and technology. The Grand National Slip-on's use advanced materials and engineering to enhance performance, sound, and overall riding experience. The Grand National slip-on's are designed to optimize exhaust flow and give your Sportster S a distinctive, aggressive sound, all while staying true to its iconic roots.

Fitment:

- 2021-2025 H-D® Sportster® S

Features and Benefits:

- Brushed Stainless 4.0" Slip-Ons
- 2.5" Perforated Core
- Grand National End Cap
- Removable dB Reducer (J2825 compliant)
- Made in USA 



Grand National Slip-Ons For 2021-2025 H-D® Sportster® S

Description	Part #
Muffler, Kit, Grand National, 49 State, Brushed, Stainless Steel, 2021-2024 Sportster® S	550-1111
Muffler, Kit, Grand National, Race Only, Brushed, Stainless Steel, 2021-2025 Sportster® S	550-1112

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

Slip-on Muffler
For 2021-'25 H-D® Pan America®

www.sscycle.com



Designed for adventure and crafted with precision engineering with unmatched attention to detail, the S&S Muffler is made for the adventurous spirit of the Harley Davidson Pan America rider. Whether you're tackling rugged terrain or cruising down the highway, feel the difference with every twist of the throttle.

Fitment:

- Exhaust System for 2021-'25 Harley Davidson® Pan America®
(Fits 2024 CVO Pan America with removal of stock muffler guard)

Features And Benefits:

- Show quality brushed stainless finish
- Carbon fiber end cap and heat shield
- Replaceable dB Reducer (J2825 compliant)
- 19% weight savings over stock muffler - US version
- Made in USA



Slip-On Exhaust For H-D® Pan America®

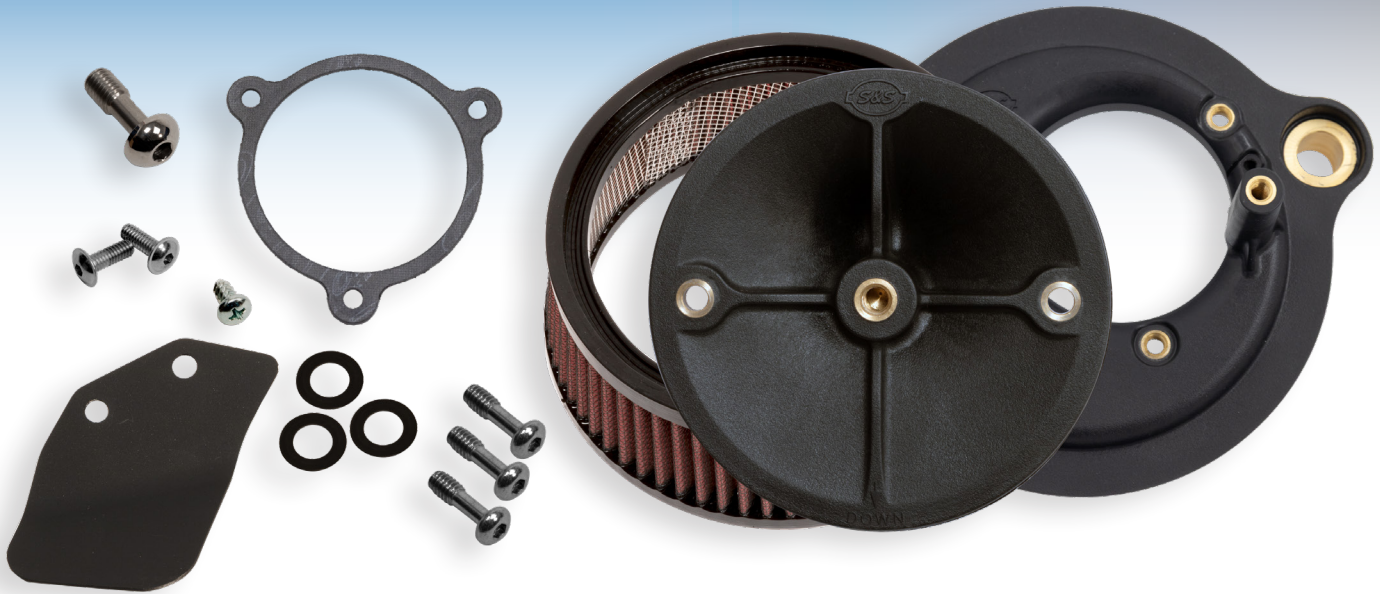
Description	Part #
Slip-On for 2021-'25 H-D Pan America, US version [†]	550-1081
Slip-On for 2021-'25 H-D Pan America, EU version ^{††}	550-1080

[†]50-State Emissions Replacement Part *Qualified manufacturer declared U.S. 50-State legal emissions compliant part on all 2021-2024 Pan America models

^{††}EC Approval - EU Type-Approval: E9*92R01/02*1006*00 for Pan America models



Stealth Air Cleaner Kit for SE 68mm Throttle Bodies



Increased filter area, combined with a radius inlet and unique S&S stinger allow smoother faster airflow for more power. 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! This material offers superior mechanical properties, thermal stability, and chemical resistance. Designed to reduce heat transfer to the intake air for more efficient induction.

Fitment

- 2017-up M8 Models, Except Models with Oval Port Heads

Features And Benefits

- High-strength synthetic polymer backplate — Designed to reduce heat transfer to intake air
- Cooler, denser air allows for more efficient cylinder fill and better performance
- High flow (1" taller) filter kit also available, part number 170-0127
- Easy Installation
- Washable filter element
- Pre-filters are available (PN's: standard 170-0193, +1" 170-0197)
- Many cover options available

Stealth Air Cleaner Kit For SE 68mm Throttle Bodies

Description	Part #
Stealth Air Cleaner Kit For SE 68mm Throttle Bodies	170-0818
Backplate only (with gasket)	170-0819

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MK136B

For H-D® Softail® and Touring Models

www.sscycle.com



136

Introducing the next generation of Proven Performance for your 2018 -2024 H-D® Softail® Models, the MK136B Engine (Part # 0901-0266 Race Only Model). This is the newest version of the complete crate engines S&S is known for, ready to install in your M8 Softail. We took our MKB-Series Crankcases, married them to the 136" cylinders and flywheels, and then fit High-flow cylinder heads with +1mm Valves and .605" springs.

This is everything you need to have the largest, most powerful, and most reliable crate engine on the market today.

**Also available in a 49 State Compliant model, Part # 0901-0267.*

This is everything you need to have the largest, most powerful, and most reliable crate engine on the market today.

Features And Benefits:

Cylinder Heads

- High-flow cylinder heads with premium seats, guides, valves, springs, and seals
- +1mm oversized intake and exhaust valves
- Valves are .030" longer than stock for improved valvetrain geometry
- .605" max lift valve springs
- High-strength alloy used in cylinder head casting, improved strength at high temperatures
- S&S Exclusive breathers

Crankcase

- All premium quality components
- Patented Dual-Spray Piston Cooling Jets
- Precision machined oil scraper
- Enlarged oil sump
- Contoured floor allows oil to easily drain back to the sump

MK136B

- Forged pistons
- S&S performance oil pump and cam support plate
- Premium tappets and tappet cuffs
- Billet aluminum covers
- Sprocket shaft spacer included
- Champion spark plugs
- Retains stock engine height
- Includes Cam Cover Badge
- Powder coat finish matches factory finish
- Huge displacement increase means a huge power increase



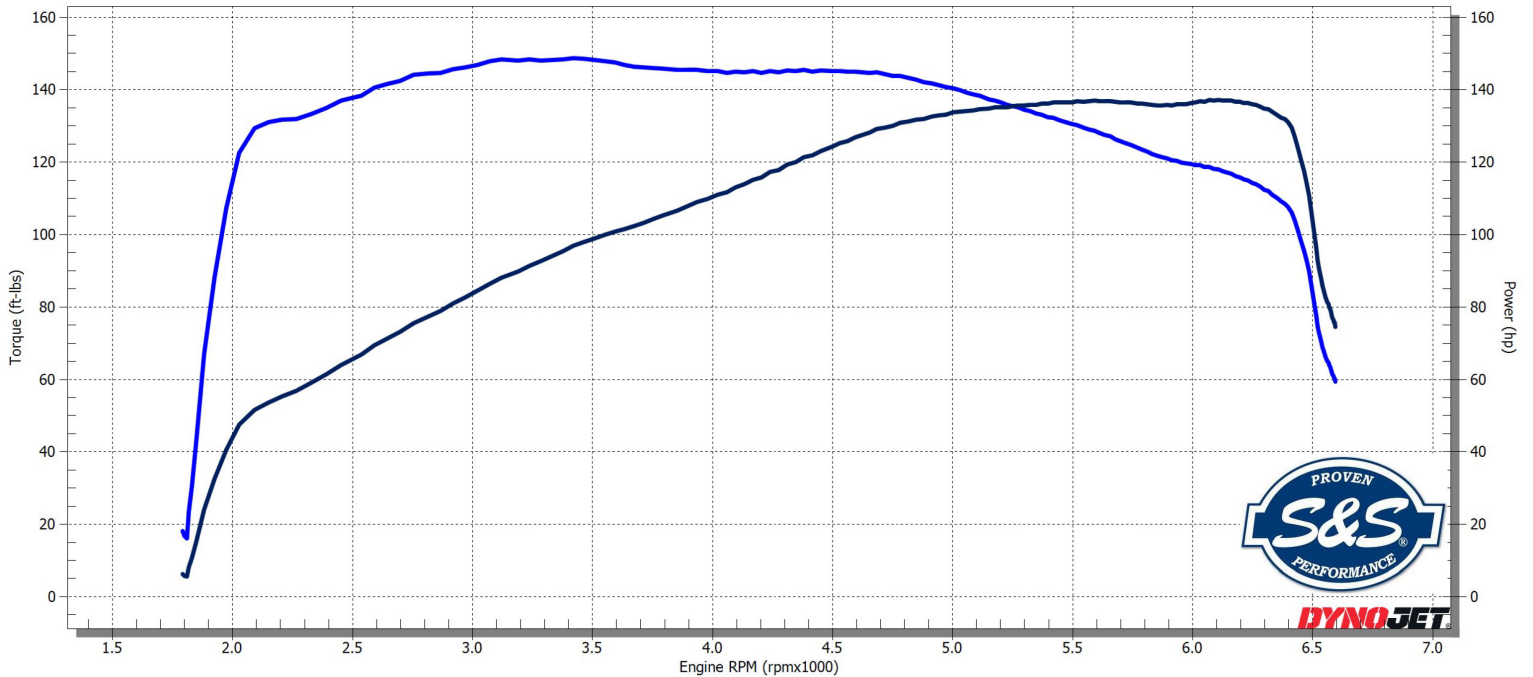
P R O V E N P E R F O R M A N C E



MK136B With 550 Cam

— Max Power = 137.2
— Max Torque = 148.7

CF: SAE Smoothing: 5

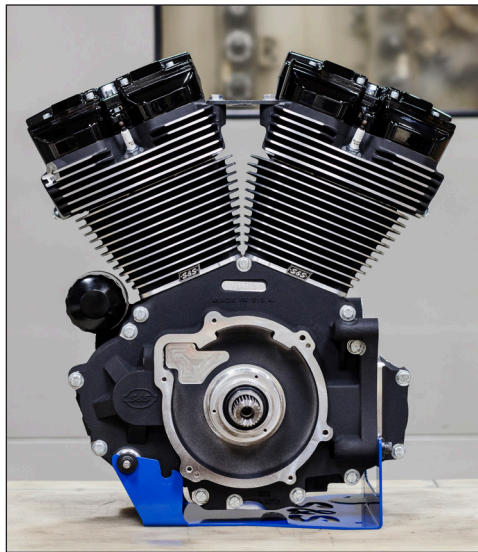


2018 Fat Bob_MK136b_550_Billet68_SS Super Street wDB_Final.wp8

■ Max Torque = 148.7 at Engine RPM = 3.4

■ Max Power = 137.2 at Engine RPM = 6.1

■ 2018 Fat Bob_MK136b_550_Billet68_SS Super Street wDB_Final.wp8 [Title:] [AFR Source: Dynoware RT WB] Notes: 2018 Fat Bob MK136b, 550 cam, billet 68mmTb, S&S Superstreet with DB insert



MK136B Black Edition Engines

Description	Part #
MK136B Black Edition Engine With 550G Gear Drive Cam for Oil-Cooled 2018-2024 M8 Softail, Race Only [†]	310-1295
MK136B Black Edition Engine With 475G Gear Drive Cam for Oil-Cooled 2018-2020 M8 Softail, 49-State ^{††}	310-1296

[†]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.

^{††}DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE *Qualified Manufacturer Declared 49-State Federal Emissions Compliant Engine for MY 2018-2020 Softail models, except Fat Bob, FXDR, and Sport Glide

High Compression 132" & 136" Big Bore Kits for 2017-up M8 Models

www.sscycle.com



The Biggest Just Got Even Badder!

Our all-new High-Compression 136 and 132 Big-Bore Kits take performance to the next level, delivering harder-hitting torque, increased horsepower, and an aggressive throttle response. With more compression comes more power, giving your ride the punch it needs to dominate the road. Designed as the largest bolt-on kits we've ever offered, these high-compression setups work seamlessly with stock crankcases, so there's no need for machining, and your original engine serial numbers remain intact. The factory-matching powder coat finish keeps your bike looking clean and stealthy. These kits also maintain stock engine height for easy installation and come complete with gaskets, making the upgrade process hassle-free. If you're looking to unleash the full potential of your machine, the 136 and 132 High-Compression Big-Bore Kits are your ticket to more power, more performance, and more thrill. Available in multiple finishes to match your engine, this upgrade is built for riders who refuse to settle for anything less than the best.

Fitment:

- 2017-up M8 Models
(136" kit is not compatible with the H-D® 4 $\frac{1}{8}$ " stroke flywheel)

Features And Benefits:

- Higher compression for more performance
- Available in a variety of finishes to match your engine
- Big-bore Kits are complete with gaskets

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



www.sscycle.com

High Compression 132" & 136" Big Bore Kits For 2017-Up M8 Models



Stock HD and S&S Cylinder Heads With 88cc Chamber Volume

Piston Set Part #	Bore	Stroke	Displacement Cubic Inches	Piston Deck Height	Piston Dish / Dome Volume	Head Gasket Thickness	Static CR
920-0150	4.320"	4.375"	129	1.143"	-7.5	.030"	11:1
920-0151	4.320"	4.500"	132	1.080"	-10.5	.030"	11:1
920-0160	4.320"	4.625"	136	1.080"	-10.5	.040"	11:1
920-0162	4.320"	4.500"	132	1.080"	0.0	.040"	11.7:1
920-0162	4.320"	4.625"	136	1.080"	0.0	.040"	12:1
920-0163	4.320"	4.500"	132	1.080"	8.5	.040"	12.7:1
920-0163	4.320"	4.625"	136	1.080"	8.5	.040"	13:1

SE Extreme Port Cylinder Heads With 94cc Chamber Volume

Piston Set Part #	Bore	Stroke	Displacement Cubic Inches	Piston Deck Height	Piston Dish Volume	Head Gasket Thickness	Static CR
920-0162	4.320"	4.500"	132	1.080"	0.0	.040"	11.1:1
920-0162	4.320"	4.625"	136	1.080"	0.0	.040"	11.4:1
920-0163	4.320"	4.500"	132	1.080"	8.5	.040"	12:1
920-0163	4.320"	4.625"	136	1.080"	8.5	.040"	12.3

*Fit will fit center-cooled models except for 121" CVO models

High Compression 132" & 136" Big Bore Kits

Description	Part #
High Compression 132" & 136" Big Bore Kit, 4.320" Bore Black With Highlighted Fins, 0cc Dome, 2017-up M8 Models	910-1008A
High Compression 132" & 136" Big Bore Kit, 4.320" Bore Black Without Highlighted Fins, 0cc Dome, 2017-up M8 Models	910-1009A
High Compression 132" & 136" Big Bore Kit, 4.320" Bore Black Granite With Highlighted Fins, 0cc Dome, 2017-up M8 Models	910-1010A
High Compression 132" & 136" Big Bore Kit, 4.320" Bore Black With Highlighted Fins, +8.5cc Dome, 2017-up M8 Models	910-0909A
High Compression 132" & 136" Big Bore Kit, 4.320" Bore Black Without Highlighted Fins, +8.5cc Dome, 2017-up M8 Models	910-0910A
High Compression 132" & 136" Big Bore Kit, 4.320" Bore Black Granite With Highlighted Fins, +8.5cc Dome, 2017-up M8 Models	910-0911A

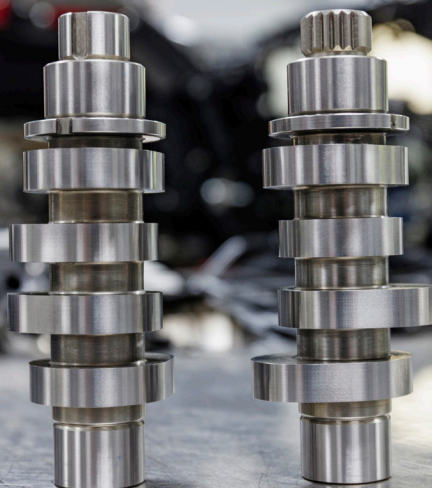
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P R O V E N P E R F O R M A N C E

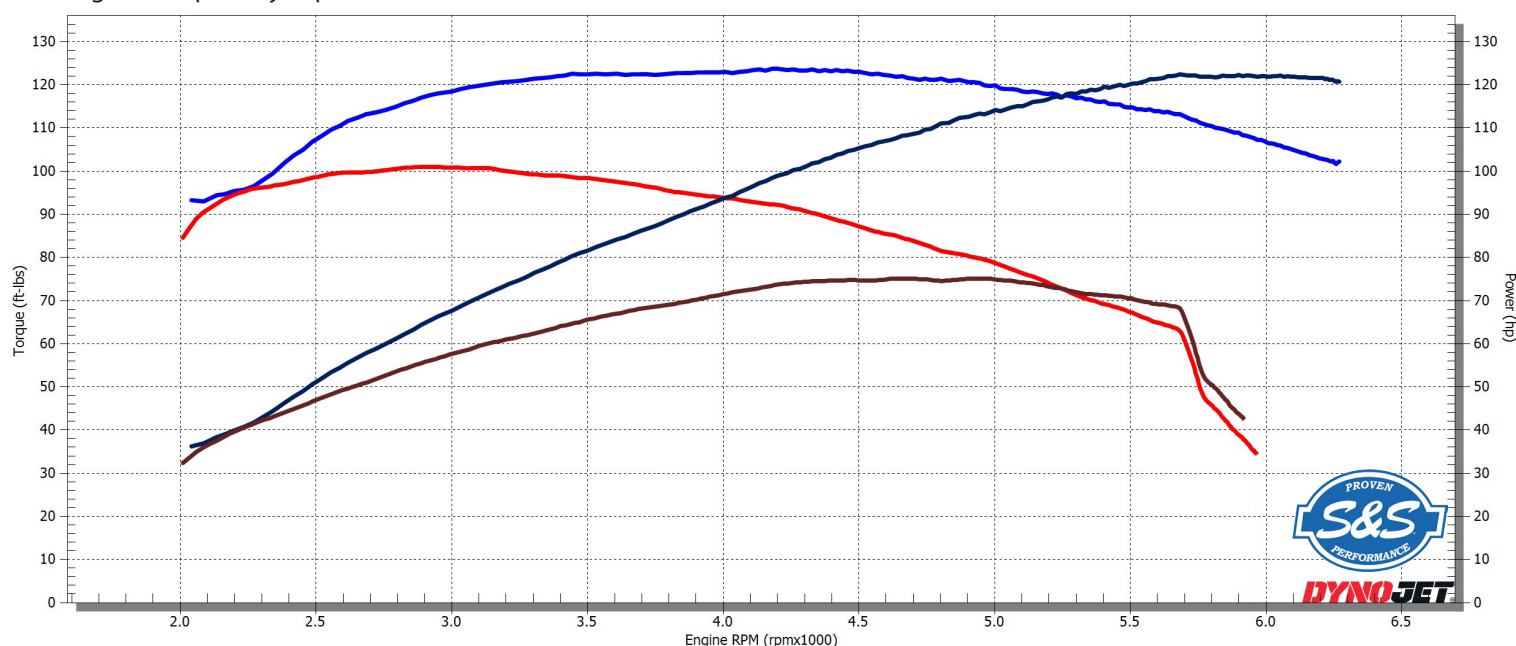
S&S HPT496 Cam Kit

2017-up M8 Models Except VVT Models

www.sscycle.com



S&S Cycle is excited to announce our new HPT496 cam for M8 Models. This all-new cam will be available in chain and gear drive versions, and it is everything you have wanted in a bolt-in cam! The idle lope sounds racy, under power it really starts to sing and, best of all, it makes significant power jumps.



2022 Touring 114 HPT496 cam Stock TB Stealth Air Cleaner S&S Grand National 2into1.wp8 Max Torque = 123.79 at Engine RPM = 4.20 Max Power = 122.49 at Engine RPM = 5.68
 Touring 114ci All Stock Baseline.drf.wp8 Max Torque = 100.94 at Engine RPM = 2.90 Max Power = 75.12 at Engine RPM = 4.96

Designed to work with stock or S&S rocker arms and springs, the HPT496 is a very straightforward install. Bolt it in and really wake up your M8! How awake? Well when we installed it in a 2023 ST117 there was a 29hp gain and 7.8 lb-ft torque gain. When installed in a 2022 Touring 114 we saw a gain of 47hp and 22.9 lb-ft of torque. For transparency, both of these bikes have an S&S air cleaner and exhaust. But who bolts in a cam and leaves the airbox and exhaust stock?

S&S Camshaft Specifications

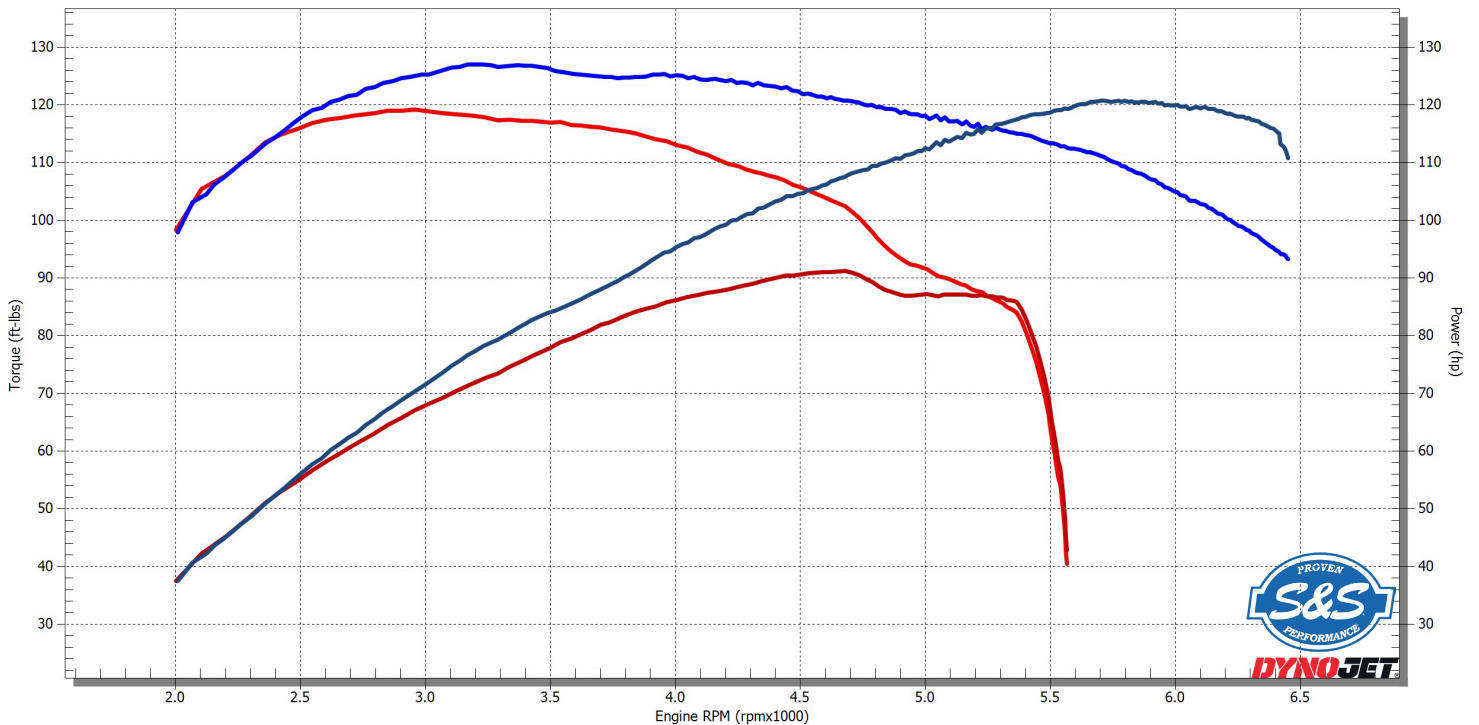
CAM NAME	PART NUMBER	VALVE TIMING		VALVE DURATION		VALVE LIFT *		LOBE CENTER LINE		VALVE LIFT @TDC	
		INTAKE	EXHAUST	INTAKE	EXHAUST	INTAKE	EXHAUST	INTAKE	EXHAUST	INTAKE	EXHAUST
496C	330-0821	7/40	48/15	227	243	.485	.485	107	106	0.072	0.097
496G	330-0822	7/40	48/15	227	243	.485	.485	107	106	0.072	0.097

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



www.sscycle.com

S&S HPT496 Cam Kit 2017-up M8 Models Except VVT Models



2023 Low Rider ST, Stealth Air Cleaner, Super Street Exhaust, HPT496 cam ■ Max Torque = 127.04 at Engine RPM = 3.23 ■ Max Power = 120.73 at Engine RPM = 5.77
2023 Low Rider ST All Stock ■ Max Torque = 119.16 at Engine RPM = 2.96 ■ Max Power = 91.19 at Engine RPM = 4.68

Fitment

- 2017-up M8 Models (Except VVT Models)

Features and Benefits

- HPT496 is the biggest bolt-in S&S Cycle cam for M8 models
- Compatible with stock or S&S Cycle rocker arms and springs
- Incredible sound

- Increases Horsepower and Torque
- Compatible with round and oval port valve springs
- Gear and chain drive options
- Made in the USA 

S&S HPT496 Cam Kit

Description	Part #
HPT496C Chain Drive Camshaft Kit for 2017-up M8 Models	330-0825
HPT496G Gear Drive Camshaft Kit for 2017-up M8 Models	330-0826

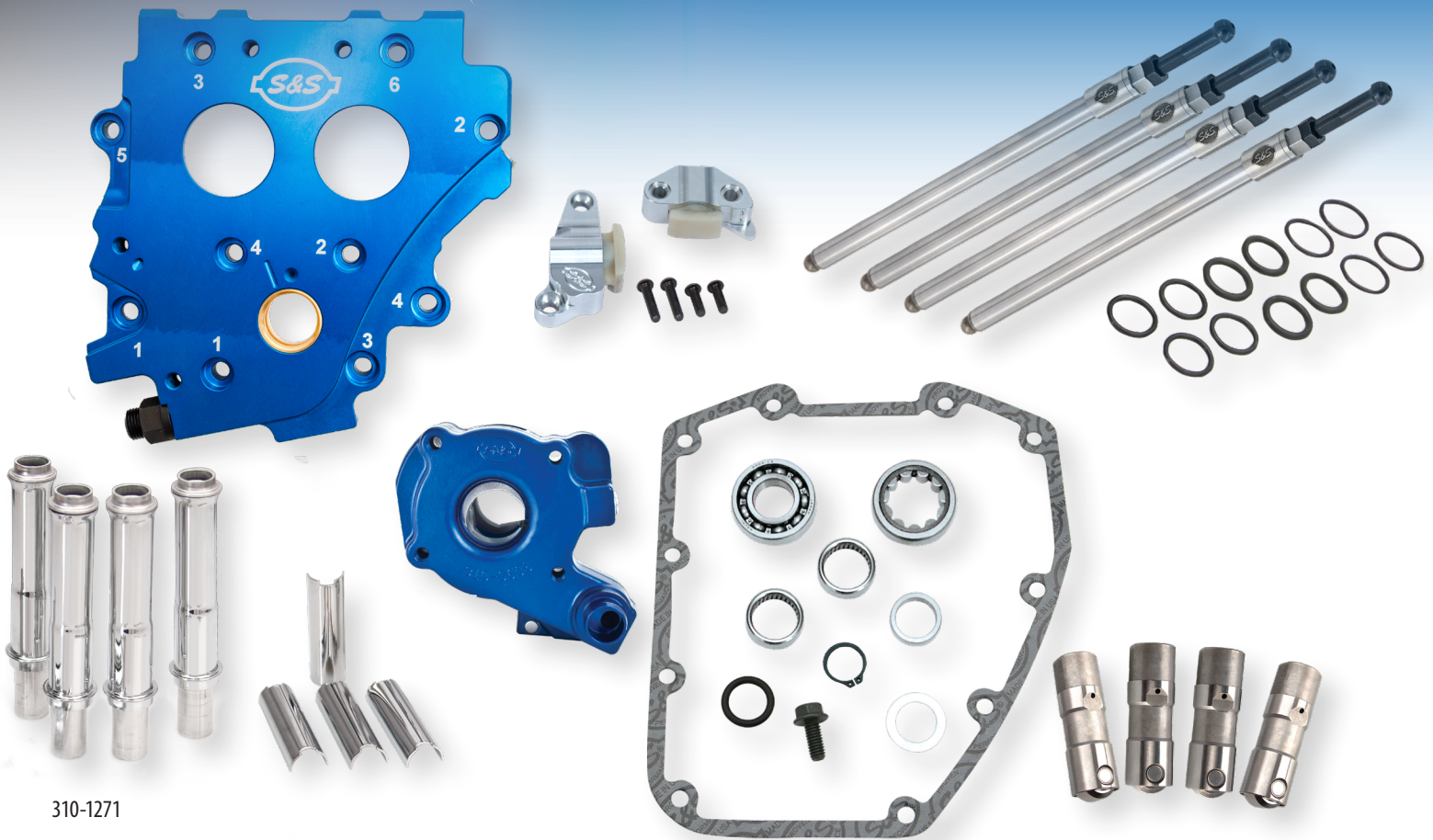
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P R O V E N P E R F O R M A N C E

Chain Drive Cam Chest Kits Without Cams

For H-D® M8 and Twin Cam Models

www.sscycle.com



Get the proven performance of the S&S cam chest kit (upgraded cam plate, oil pump, tappets, cuffs, and pushrods) while maintaining the freedom to use any cam you like for your Twin Cam or M8 with this newest kit!

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 side 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 the engine
- Includes S&S High Performance cam chain tensioner (0950-0962)

Pushrods:

- Quicke Adjustable Pushrods

Tappets:

- S&S Precision Tappets
- Hand assembled to exacting tolerances
- Reduced valvetrain 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
- Stronger than stock material eliminates distortion
- Improve tappet stability in high lift and high rpm situations

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



www.sscycle.com

Chain Drive Cam Chest Kits Without Cams

For H-D® M8 and Twin Cam Models



Cam Chest Kits Without Cams For Twin Cam Models (Except for Twin Cooled Models)

Drive Type	Fitment	Pushrods	Part #
Chain	1999-2006 bt except 2006 Dyna®	Black	310-1270
Chain	1999-2006 bt except 2006 Dyna®	Chrome	310-1271
Chain	2006 Dyna®, 2007-up BT	Black	310-1272
Chain	2006 Dyna®, 2007-up BT	Chrome	310-1273

Cam Chest Kits Without Cam For M8 Models (Except 121" VVT Models)

Drive Type	Fitment	Cooling	Pushrods	Part #
Chain	2017-up M8 Models	Oil	Black	310-1262
Chain	2017-up M8 Models	Oil	Chrome	310-1263
Chain	2017-up M8 Models	Water	Black	310-1264
Chain	2017-up M8 Models	Water	Chrome	310-1265

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

Gear Drive Cam Chest Kits Without Cams

For H- D® M8 and Twin Cam Models

www.sscycle.com



Get the proven performance of the S&S cam chest kit (upgraded cam plate, oil pump, tappets, cuffs, and pushrods) while maintaining the freedom to use any cam you like for your Twin Cam or M8 with this newest kit!

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 side 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 the engine

Pushrods:

- Quicke Adjustable Pushrods

Tappets:

- S&S Precision Tappets
- Hand assembled to exacting tolerances
- Reduced valvetrain 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
- Stronger than stock material eliminates distortion
- Improve tappet stability in high lift and high rpm situations

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



www.sscycle.com

Gear Drive Cam Chest Kits Without Cams For HD® M8 and Twin Cam Models



Cam Chest Kits Without Cams For Twin Cam Models (Except Twin Cooled Models)

Drive Type	Fitment	Pushrods	Part #
Gear	1999-2006 Twin Cam except 2006 Dyna®	Black	310-1266
Gear	1999-2006 Twin Cam except 2006 Dyna®	Chrome	310-1267
Gear	2006 Dyna®, 2007-up Twin Cam	Black	310-1268
Gear	2006 Dyna®, 2007-up Twin Cam	Chrome	310-1269

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Cam Chest Kits Without Cam For M8 Models (Except 121" VVT Models)

Drive Type	Fitment	Cooling	Pushrods	Part #
Gear	2017-up M8 Models	Oil	Black	310-1258
Gear	2017-up M8 Models	Oil	Chrome	310-1259
Gear	2017-up M8 Models	Water	Black	310-1260
Gear	2017-up M8 Models	Water	Chrome	310-1261

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

M8 Oval Port Fuel Rail
For 2023-up M8 CVO Touring, 2024-2025 Road Glide and Street Glide Models, and 2025 117" or 121" Touring Models

www.sscycle.com



Your CVO deserves the best components available, and you should never worry about a cracked or warped fuel rail giving your performance engine improper flow. Machined out of 6061 Aluminum, anodized black, and fitting all stock M8 Oval Port fittings, the S&S Cycle Billet Fuel Rail Kit is a direct replacement for the plastic system that comes stock on 2023-up M8 CVOs. These upgraded kits provide a 44% increase in fuel flow capacity and dampen fuel pulsing, which results in a smoother and more efficient ride for you.

Fitment

- 2023-up M8 CVO Touring
- 2024-2025 Road Glide and Street Glide Models
- 2025 117" or 121" Touring Models

Features And Benefits

- Replaces stock plastic part
- 6061 billet aluminum
- Fastening hardware included
- 44% increase in fuel capacity in fuel rail
- Black anodizing
- Fits all models with the oval port cylinder heads

M8 Oval Port Fuel Rail	
Description	Part #
Oval Port Fuel Rail for 2023-Up M8 Touring Models	160-0295
NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE *Qualified Manufacturer Declared 49-State Federal Emissions Compliant Part	



TOURING



SOFTAIL



UPGRADE YOUR RIDE WITH BILLET FUEL RAILS!

Say goodbye to cracked plastic OEM rails and hello to durability and performance like never before. Our Billet Fuel Rails are the ultimate solution for riders seeking reliability and enhanced fuel delivery. Crafted from premium grade 6061 aluminum and finished with a sleek black anodized coating, this fuel rail is built to last. Its direct replacement design ensures a seamless fit, eliminating worries about cracks and leaks commonly associated with plastic OEM rails.

But wait, there's more! It also boasts increased fuel capacity to dampen fuel pulses, resulting in smoother engine operation and improved performance. With enhanced fuel flow, you'll experience optimized fuel delivery for maximum power output. Upgrade your M8-powered bike with a proven performer; choose the S&S Cycle Billet Fuel Rail and unlock the true potential of your ride. Upgrade today!

Fitment:

- 2017-Up M8 Touring Models
(Except 2023-Up FLHXSE, FLTRXSE, FLTRXSTSE and 2024 FLHX / FLTRX Models)
- 2018-Up M8 Softail® Models

Features And Benefits:

Touring Fuel Rail

- Billet 6061 Aluminum
- Direct replacement for plastic OEM rail prone to cracking
- Black anodized finish
- Increased fuel capacity to dampen fuel pulses
- Increased fuel flow
- Made in USA 



Softail Fuel Rail

- Billet 6061 Aluminum
- Direct replacement for plastic OEM rail
- Black anodized finish
- Increased fuel flow
- Made in USA 

Billet M8 Fuel Rails

Description	Part #
Billet Fuel Rail Kit 2017-Up M8 Touring Models, Except 2023-2024 FLHXSE, FLTRXSE, FLTRXSTSE	160-0280
Billet Fuel Rail Kit 2018-Up M8 Softail® Models	160-0287

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

*Qualified Manufacturer Declared 49-State Federal Emissions Compliant Part

Billet Head Breathers For 1999-2017 Big Twin Models

www.sscycle.com



New Billet Head Breathers for your 1999-2017 big twin from S&S Cycle. Crafted from premium 6061 aluminum and anodized in the iconic S&S blue, they look good and perform even better. Inside you will find our proprietary Labyrinth design to significantly reduce oil pass-through, keeping your engine running cleaner. Billet construction provides a superior seal in the head, minimizing leaks, and maximizing performance over stock plastic units.

Fitment:

- 1999-2017 H-D® big twin models

Features And Benefits:

- 6061 Aluminum for Increased durability over stock
- Anodized S&S Blue
- Unique Labyrinth design to significantly reduce oil consumption
- Maintenance free design replaces ineffective mesh filter
- Less oil carry over into the intake
- Made in USA 



Billet Head Breather Kit For H-D® Big Twin Models

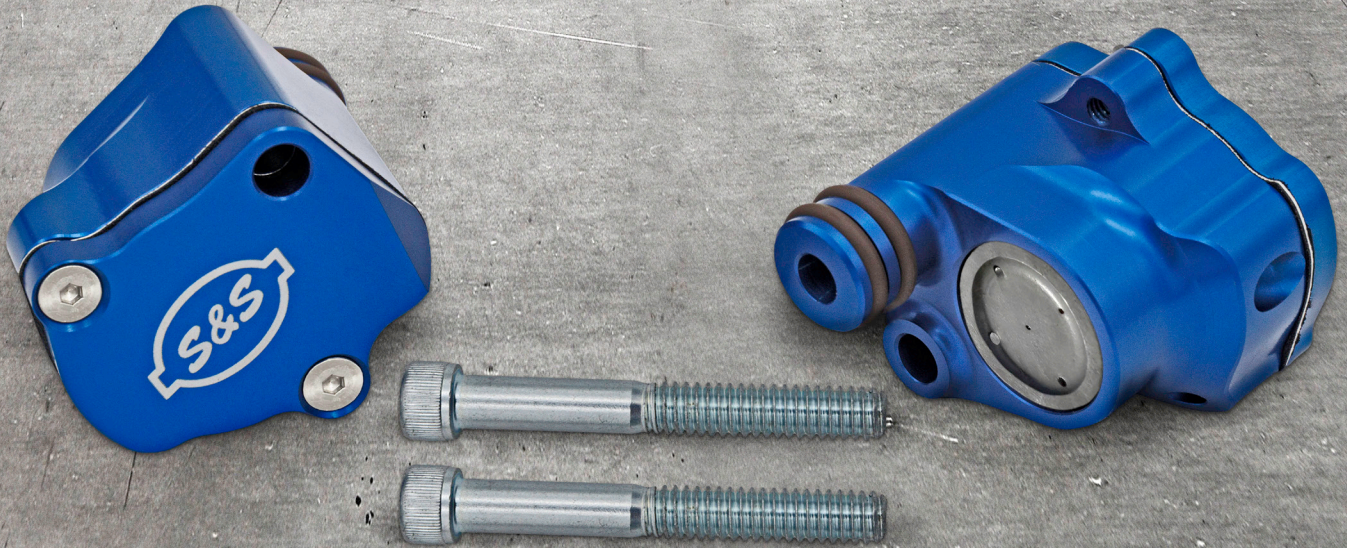
Description	Part #
Billet Head Breather Kit for 1999-2017 big twin models	900-1299
Exempt from emissions tampering regulations under CARB EO# K-010-58 for all Twin Cam equipped Dyna, Softail, and touring models	

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



www.sscycle.com

Billet Head Breathers For 2017-Up M8 Models



New Billet Head Breathers for your 2017-Up M8 from S&S Cycle. Crafted from premium 6061 aluminum and anodized in the iconic S&S blue, they look good and perform even better. Inside you will find our proprietary Labyrinth design to significantly reduce oil pass-through, keeping your engine running cleaner. Our new breathers feature a dual O-ring design, ensuring a superior seal in the head, minimizing leaks, and maximizing performance over the stock plastic units.

Fitment:

- 2017-Up M8 Models
(Except 2023-Up FLHXSE/FLTRXSE/FLTRXSTSE and 2024 FLHX/FLTRX Models)

Features And Benefits:

- 6061 Aluminum to replace stock plastic
- Anodized S&S Blue
- Dual O-Ring for a better seal in the head
- Unique Labyrinth design to significantly reduce oil pass-through
- Less oil carry over into the intake
- Increased durability over stock
- Made in USA 



Billet Head Breather Kit for H-D® M8 Models

Description	Part #
Billet Head Breather Kit for M8 Models	900-1186
Exempt from emissions tampering regulations under CARB EO# K-010-57 for all 2017-2024 M8 Softail and touring models with 1746cc, 1868cc, or 1923cc Engine	

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

Piston Cooling Jet Kit For 1999-2017 H-D® Big Twin Models

www.sscycle.com



Whether you're building a big-inch project or rebuilding your stock Twin Cam, keeping engine components cool is the key to longevity; that's why we recommend replacing the OEM single-jet design with our new dual-jet oilers, which uniformly cool both sides of the pistons. S&S Piston Cooling Jets are made from 6061-T6 billet aluminum and we've also shortened the nozzle on these jets, offering more clearance for your performance build.

Fitment:

- Piston Cooling Jet Kit For 1999-2017 H-D® Big Twin Models
- Also fits S&S 4 1/8" Bore V-Series Engines and Crankcases

Features And Benefits:

- Milled from Billet Aluminum 6061-T6
- Revised spray locations for more effective cooling
- Dual jets for uniform piston cooling
- Shorter than OEM for greater rod clearance
- Includes all needed gaskets and hardware
- Equivalent Oil Flow to stock
- US Patent #11927127
- Made in USA 



NOTE: As in any custom performance build, S&S recommends checking clearances before final assembly.

Dual Spray Piston Oilers

Description

Piston Cooling Jet Kit For 1999-2017 H-D® Big Twin Models

Part #

310-1251

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



www.sscycle.com

Piston Cooling Jet Kit for 2017-Up HD® M8 Models



At S&S, we've 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.

Fitment:

- 2017-up M8 Models

Features And Benefits::

- Crafted from strong, billet 6061 T6 aluminum
- Patent #11727127, Dual-Spray Technology for uniform piston cooling
- Revised spray locations for more effective cooling, with stock equivalent flow
- Anodized in S&S Performance Blue
- Shortened nozzle for increased rod clearance
- Includes all necessary hardware and gaskets
- Made in the USA 



M8 Piston Cooling Jet Kit

Description

Piston Cooling Jet Kit For M8 Engines

Part Number

310-1203

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

M8 Compensator Ramp for 2017-Up M8

www.sscycle.com



Introducing the next evolution in performance for your primary drive; the S&S Cycle Heavy Duty Compensator Ramp for Harley-Davidson® M8 models! Built to handle the demands of upgraded horsepower and torque, this Compensator Ramp is engineered with the highest quality materials and advanced manufacturing techniques. With durability at its core, this upgrade ensures long-lasting performance and peace of mind mile after mile.

Fitment:

- 2017-Up M8 Touring Models
- 2018-Up Softail Models

Features And Benefits:

- Direct replacement for M8 model bikes
- CNC machined 9000 series steel
- Heat treated and coated for superior strength and corrosion resistance
- Made in USA 



Compensator Ramp for 2017-Up M8 Models

Description

Harley Davidson M8 Compensator Ramp for 2017-Up M8® Touring models & 2018-2024 Softail® Models

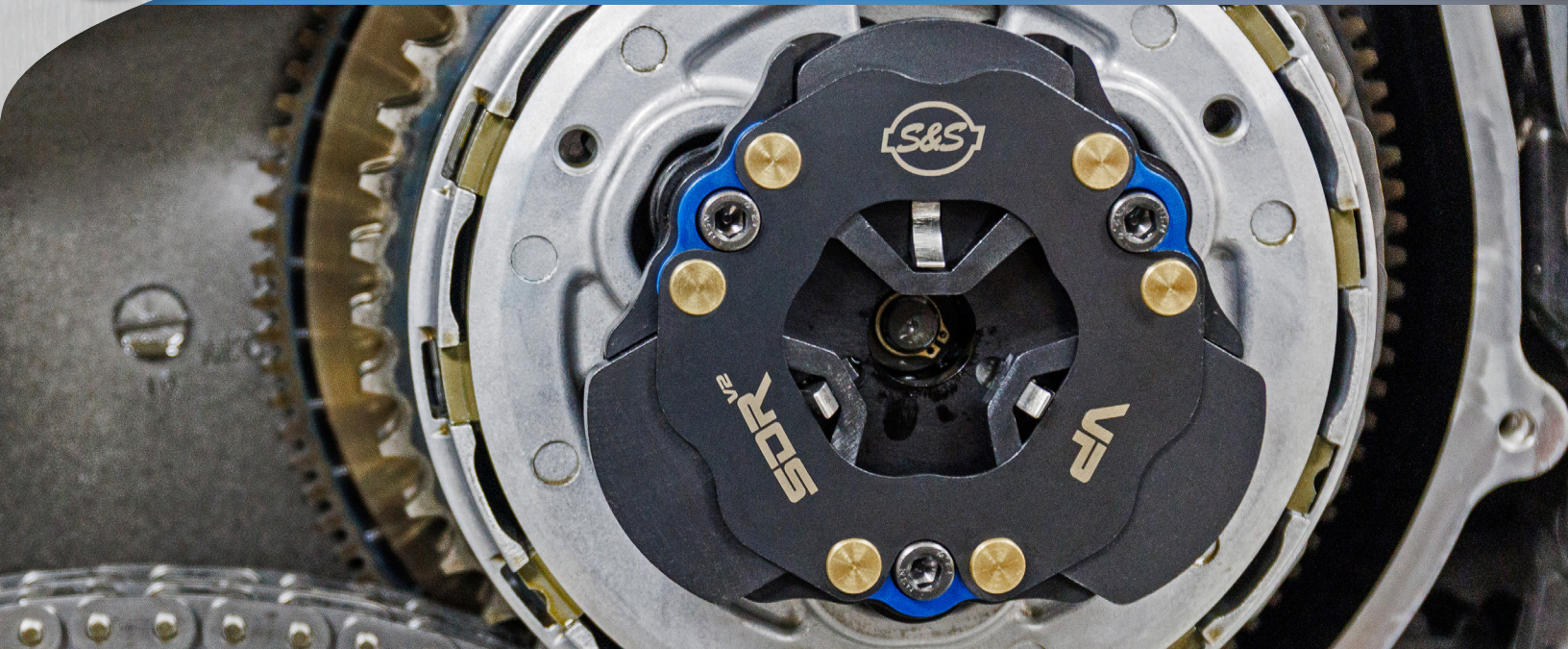
Part

560-0360

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



Variable Pressure Plate Clutch For 2018-Up M8 Softail® and 2017-Up Touring Models



The S&S Variable Pressure Plate Clutch is a cost effective way for upgrading your stock H-D® clutch without any modifications. Up to 50% more clamping force on Touring models and 40% more on Softail® models over stock while retaining the stock clutch lever feel at lower RPM's. The S&S Variable Pressure Plate Clutch works like a lock up clutch with increased torque capacity: strength of engagement increases with RPM. Simple installation and fits behind the stock derby and primary cover - No modifications required, and can be used with cable or hydraulic clutch controls.

Fitment:

- 2017-Up Touring Models
- 2018-Up M8 Softail®

Features and Benefits:

Softail® Models (560-0432)

- With the OEM clutch spring, it can handle up to 160 ft-lbs torque
- Removal of outer primary cover is necessary for installation
- Fits behind stock primary and derby cover

Touring Models (560-0433 & 560-0434)

- With the OEM clutch spring, it can handle up to 140 ft-lbs torque
- 15 minute installation. Install through derby cover without removing primary cover
- Fits behind stock primary and derby cover



560-0432



560-0434



560-0433

Variable Pressure Plate Clutch

Description	Part #
Variable Pressure Plate Clutch for 2018-Up M8 Softail® Models	560-0432
Variable Pressure Plate for Cable Operated Clutches on 2017-Up M8 Touring Models	560-0433
Variable Pressure Plate for Hydraulic Operated Clutches on 2017-Up M8 Touring Models	560-0434

MK-Series 4 1/2" Bore Crankcases for M8 Touring and Softail Models

www.sscycle.com



The demand for performance-based parts is growing, and these M8 engines are creating more power daily. All that power requires a quality base that the stock cases can't provide. This new version of the MK-Series Crankcases are ready for even more than the originals! These cases are designed to accept cylinders up to 4 1/2", which is massive! Like the originals, these cases scrape more oil than stock and offer more reliability, all without frame modifications.

Fitment:

- 2017-Up M8 Touring
- 2017-Up M8 Softail®

Features And Benefits:

- Stock deck height
- Machined, close-fitting oil scraper (stock is as cast)
- Large volume sump
- Redesigned, with a 4.695" spigot bore to accept larger bore cylinders.



MK-Series 4 1/2" Bore Crankcase

Description	Part #
MK-Series 4 1/2" Bore Crankcase for M8 Touring Models	310-1341
MK-Series 4 1/2" Bore Crankcase for M8 Softail Models	310-1351

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



- Everything you need for a complete oil change
- Superior lubrication for reduced engine wear and lower oil temperatures
- Provides consistent viscosity, and resists thermal breakdown and oxidation at elevated temperatures
- Added moly content to reduce heat, friction, and wear for ultimate protection
- Enhanced zinc and phosphorous levels for increased engine-wear resistance
- Low-restriction oil filter removes more harmful contaminants
- Meets warranty requirements for Harley-Davidson V-Twin motorcycles

S&S Oil

Description

Part Number - These kits are distributed through Parts Unlimited

High Performance Synthetic 20W-50 Engine Oil - 1 US Quart

3601-0407

High Performance Synthetic 20W-50 Engine Oil - 2.5 US Gallons

3601-0408

80W-140 High Performance Full-Synthetic Gear Oil - 1 US Quart

3604-0007

High-Performance Full-Synthetic Primary Oil - 1 US Quart

3603-0044

High Performance Full-Synthetic Sportster Chain/Gear Oil - 1 US Quart

3604-0008

Oil Change Kit - Black Filter - M8 - 5 US quarts

3601-0893

Oil Change Kit - Black Filter - '99-'17 Twin Cam - 4 US quarts

3601-0899

Oil Change Kit - Black Filter - '84-'99 Big Twin/'86-'22 Sportster - 4 US quarts

3601-0900

Oil Change Kit - Chrome Filter - '84-'99 Big Twin/'86-'22 Sportster - 4 US quarts

3601-0412

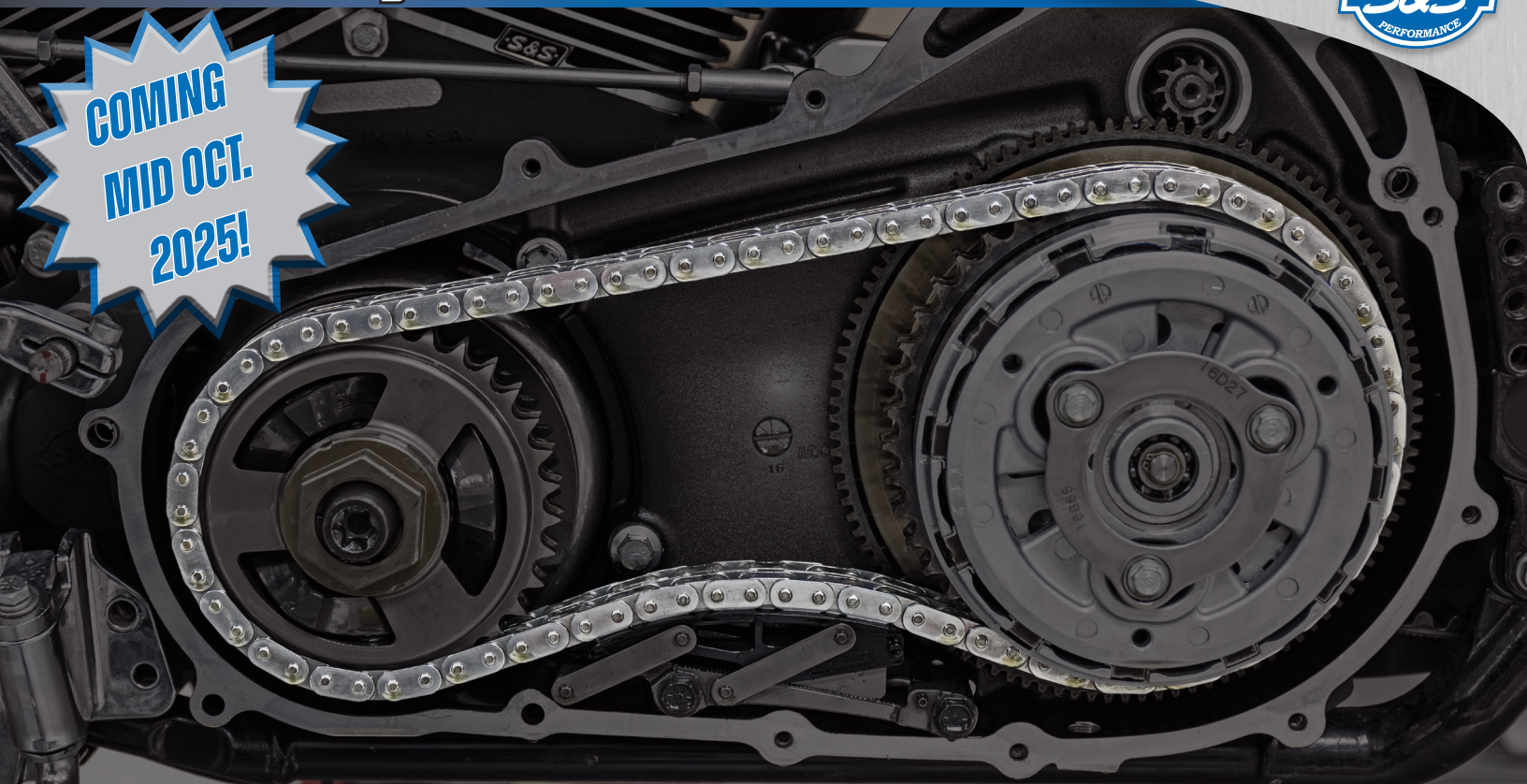
Oil Change Kit - Chrome Filter - '99-'17 Twin Cam - 4 US quarts

3601-0413

Oil Change Kit - Chrome Filter - M8 - 5 US quarts

3601-0492

**COMING
MID OCT.
2025!**



S&S Cycle Cam and Primary Chains

S&S is proud to offer cam and primary chains for your big twin.

Our proprietary cam chains are a direct OEM replacement for late model Twin Cams and M8 bikes. These chains will offer identical stock roller and pitch size, while providing 11% more strength in the chain itself. Perfect for your next performance build.

The new S&S Primary Chain is a stock replacement size, but offers additional strength of 11% and fits almost every big twin ever produced. It is the perfect upgrade to go with an S&S Heavy Duty Compensator Ramp, ensuring trouble free primary operation as you build a powerhouse motor.



Cam Chains

Description	Part #
Secondary Cam Chain for 2007-Up BT	330-0819
Primary Cam Chain for 2007-Up BT	330-0820

Primary Chains

Description	Part #
Primary Chain for 1980-2006 FTL/FXR	560-0449
Primary Chain for 1984-2006 Softail®	560-0446
Primary Chain for 2007-Up Touring	560-0447
Primary Chain for 2006-2017 Dyna®, 2007-2017 Softail®	560-0448



www.sscycle.com

COMING THIS FALL

Late-Model Twin Cam Compensator Ramp

After all the success we have seen with the S&S Cycle Heavy Duty Compensator Ramp for the M8 series, we had to make one available for late-model Twin Cam bikes. Just like the current version this beauty will be made from 9000 series steel, case hardened and have durability at its core.

Available this fall, the announcement will go out to dealers through email and our social channels. This is sure to be a huge hit with the Twin Cam riders coming into your shop!



Welded Crankshaft Assemblies

As we all know, the flywheel assembly is the heart of a performance engine. Our flywheel assemblies are made from heat treated 4140—twice as strong as stock—but now will be available with a welded crankpin!

So now you can build all the horsepower you want and be sure that your S&S Cycle crankshaft assembly will stay true.

All the details will be announced in the fall, including fitments, applications and available configurations, so watch your email and our social channels for the announcement.



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



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

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