



HPT496 CAM CHEST KITS

For 2017-23 M8 Gen 1 Models



Unlock next-level performance for your M8 with the S&S Cycle HPT496 Cam Chest Kit

A complete, precision-engineered package built to deliver serious power and reliability. Designed for easy, bolt-in installation, this kit combines quality components that work together to enhance oil flow, improve valvetrain stability, and maximize engine efficiency. From the billet aluminum oil pump and cam plate to the adjustable pushrods, precision tappets, and hard-anodized tappet cuffs, every detail reflects S&S's legacy of American-made performance and quality craftsmanship. Transform your M8 into a stronger, smoother, and more responsive machine.

Fitment - 2017-up M8 Models

Features And Benefits

Camshaft:

- The HPT496 is the largest bolt-in cam S&S has ever produced for M8 models
- Delivers major horsepower and torque gains
- Works with stock or S&S rocker arms and springs
- No head work required
- Includes all installation hardware
- Proudly made in the U.S.A.

Quicke Adjustable Pushrods:

- Simple installation and on-bike adjustment
- No need to remove rocker boxes

S&S Precision Tappets:

- Hand-assembled to exacting tolerances
- Reduced valvetrain noise with superior high RPM performance
- Close tolerances ensure consistent oil pressure and lift

Tappet Cuffs:

- Hard anodized billet aluminum construction
- Eliminates distortion for improved tappet stability
- Optimized for high-lift and high-RPM operation

Oil Pump & Cam Plate:

- Precision CNC machined from billet aluminum
- Independent scavenge sections for flywheel cavity and cam chest
- Removable passage plugs for easy servicing
- Dual debris screens and magnetic pickup for superior oil filtration
- +44% increase in oil supply flow / +58% increase in scavenging efficiency
- Adjustable pressure relief valve (tunable while installed)
- Includes S&S High Performance Cam Chain Tensioner

HPT496 CAM CHEST KITS

Description	Zodiac Part Number
Chain Drive HPT496 Cam Chest kit with Black Pushrod Tubes for Oil Cooled 2017-up M8 Models	761871
Chain Drive HPT496 Cam Chest kit with Chrome Pushrod Tubes for Oil Cooled 2017-up M8 Models	761872
Chain Drive HPT496 Cam Chest kit with Black Pushrod Tubes for Water Cooled 2017-up M8 Models	761873
Chain Drive HPT496 Cam Chest kit with Chrome Pushrod Tubes for Water Cooled 2017-up M8 Models	761874
Gear Drive HPT496 Cam Chest kit with Black Pushrod Tubes for Oil Cooled 2017-up M8 Models	761875
Gear Drive HPT496 Cam Chest kit with Chrome Pushrod Tubes for Oil Cooled 2017-up M8 Models	761876
Gear Drive HPT496 Cam Chest kit with Black Pushrod Tubes for Water Cooled 2017-up M8 Models	761877
Gear Drive HPT496 Cam Chest kit with Chrome Pushrod Tubes for Water Cooled 2017-up M8 Models	761878



PROVEN PERFORMANCE



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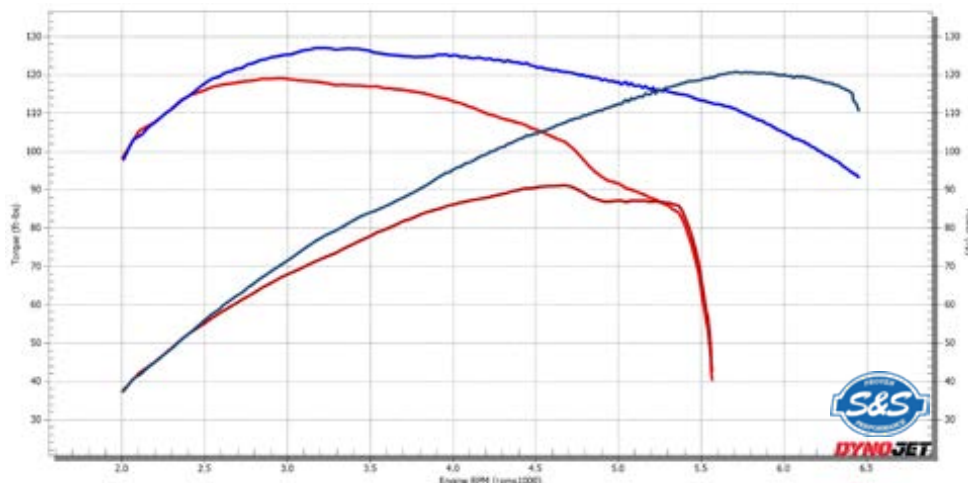


HPT496 CAM KIT

for 2017-23 M8 Gen 1 Models



S&S Cycle is excited to announce our new HPT496 cam for Harley-Davidson® 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.



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

It is designed to work with stock valve springs with either stock or S&S rocker arms, so 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?

Fitment

- 2017-up M8 Models (Except VVT Models)

Features and Benefits

- **Works with stock valve springs** with either stock or S&S rocker arms.
- HPT496 is the biggest bolt-in S&S Cycle cam for M8 models
- 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	Zodiac Part Number
HPT496C Chain Drive Camshaft Kit for 2017-up M8 Models	757945
HPT496G Gear Drive Camshaft Kit for 2017-up M8 Models	757946



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