2020

Screamin' Eagle® Performance Stage Kits take performance to the next level with increased acceleration and improved passing power when compared to stock bikes. Everything from enhanced air intakes and engine kits to exhaust components and suspension. Screamin' Eagle® Performance Parts and Accessories will blow minds on and off the road.

1177

Ô

0

- Screenstrike

.

## **STAGE UPGRADES: PATH TO PERFORMANCE**

	START HERE	CHOOSE FROM BELOW
STAGE	STAGE I FAFF MOVE MORE AIR & FUEL INTAKE + EXHAUST + TUNING UPGRADE = FOUNDATION FOR ALL FUTURE STAGES	STAGE II F GIVE IT A LIFT STAGE I + CAM UPGRADE
BENEFITS	Ideal for riders who want to enhance the performance, look and sound of their motorcycle	<b>TORQUE KIT:</b> Ideal for riders looking for instant passing power at cruising speeds <b>POWER KIT:</b> Ideal for riders who want to feel the power build and pull all the way to the redline
BASICS	<ul> <li>Most cost-effective step to improve performance and the foundation for future performance upgrades</li> <li>Match any Screamin' Eagle® high-flow air cleaner and exhaust with the proper ECM calibration to increase the airflow into and out of the engine</li> </ul>	<ul> <li>Choose a TORQUE CAM or POWER CAM based on riding style</li> <li>A performance cam increases both the lift in the valve train (pushing the valve open farther) and the duration of the valve opening (how long the valve stays open)</li> </ul>
PERFORMANCE	The rider will feel up to a 10%* increase in performance when compared to stock bikes throughout the entire RPM range	<ul> <li>• TORQUE KIT: The rider will feel up to a 15%* increase in performance when compared to stock bikes in the low to mid RPM range</li> <li>• Experience crisp throttle response and acceleration that can be felt at slower speeds, perfect for passing slow-moving vehicles without downshifting</li> <li>• POWER KIT: The rider will feel up to a 25%* increase in performance when compared to stock bikes in the mid to upper RPM range</li> <li>• Experience an adrenaline-pumping burst of speed while heading toward the redline</li> </ul>
expertise	VIEW OF WARRANTY & CAUTION: Harley-Davidson has the engineering sophisticated dyno lab and complete testing facilities to provide enthusiasts	<b>CAUTION ICONS</b> <b>GO LIGHT:</b> These Screamin' Eagle® products are 50-State U.S. EPA compliant for sale and use on all applicable vibilities including these that are pollution controlled. See Conving Mater

GO LIGHT: These Screamin' Eagle® products are 50-State U.S. EPA compliant for sale and use on all applicable vehicles, including those that are pollution controlled. See Genuine Motor Parts and Accessories or Screamin' Eagle Accessories catalog for fitment information. Screamin' Eagle Performance products are intended for the experienced rider only.

STOP HAND: Harley-Davidson® motorcycles modified with some Screamin' Eagle® Performance products must not be used on public roads and, in some cases, may be restricted to closed-course competition. These performance parts are 49-state U.S. EPA compliant but are NOT compliant for sale or use in California on pollution-controlled motor vehicles. California guidelines on tampering can also lead to substantial fines and penalties. Screamin' Eagle® Performance products are intended for the experienced rider only.

with a line of performance products designed to produce good, solid, reliable horsepower and torque. Engine-related performance parts are intended for the experienced rider only. WARRANTY: Installation of Screamin' Eagle® products and similar off-road or competition products from other manufacturers, except some street-compliant offerings installed by

authorized Harley® dealers, may void your H-D® limited vehicle warranty. Installation of a California performance kit on a 49-state model motorcycle or 49-state performance kit onto a California model motorcycle will void the manufacturer's warranty, as it will not result in a street-compliant configuration.

**CAUTION:** Harley-Davidson<sup>®</sup> motorcycles modified with some Screamin' Eagle<sup>®</sup> high-performance engine parts must not be used on public roads and, in some cases, may be restricted to closed-course competition.

## **ADD EVEN MORE POWER**

STAGE III FIG BORE CYLINDERS & PISTONS	STAGE IV       >>>>>         TOP IT OFF       ////////////////////////////////////
Ideal for riders who want the largest engine displacement and increased power throughout the entire RPM range	ldeal for riders who want the absolute best Harley-Davidson performance upgrade available
<ul> <li>An increase in engine displacement allows the engine to swallow more air and fuel, while a higher-compression piston squeezes the air and fuel into a more volatile mixture, generating more power when ignited</li> <li>Displacement increases are accomplished with larger cylinders, matching pistons and the proper cam upgrade</li> </ul>	<ul> <li>Highest-level performance upgrade available to provide a maximum increase in displacement, compression and flow</li> <li>Higher-flowing CNC ported cylinder heads and larger bore throttle body increase the velocity and feed large volumes of air and fuel into the engine, which maximizes power on a larger displacement engine</li> <li>Combines ported cylinder heads and larger throttle body in combination with cylinders, matching pistons and proper cam upgrade</li> </ul>
<ul> <li>Riders will experience a performance increase throughout the entire RPM range, with up to a 35%* increase when compared to stock bikes in the mid to upper RPM range</li> <li>Produces instant passing power without downshifting</li> <li>Delivers excellent stoplight to freeway speed and on-ramp acceleration</li> </ul>	The rider will feel exceptional acceleration, delivering significant gains and up to a 40%* increase when compared to stock bikes in the upper RPM range

CALIFORNIA: These Screamin' Eagle® products are street compliant for sale and use on pollution-controlled vehicles in the state of California.

CROSS FLAGS: This product may be intended for race use only applications. It may also be certified for use in a 50-State U.S. EPA compliant application or kit. Use of any incomplete combination of certified kit products may not be legal for sale or use on U.S. market pollutioncontrolled vehicles and may be restricted to closed course competition use. See Genuine Motor Parts and Accessories or Screamin' Eagle® Accessories catalog for compliance, fitment and warranty information. Screamin' Eagle® Performance products are intended for the experienced rider only. **DYNAMOMETER (DYNO) PERFORMANCE TESTING:** Declared performance values in this catalog represent SAE J-1349 transient peak power output. Dynamometer settings, motorcycle condition, variation, climate and other factors can affect performance output, and results can vary from the performance values declared by Harley-Davidson.

Street-legal and/or street-compliant statements refer to product meeting 50-state emissions and noise standards in the United States. The street legal and/or street compliant statements may not apply to markets outside of the United States.

Not all products are available in all countries - please consult your dealer for details.

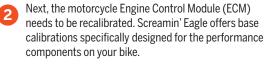
Stage upgrades retain the Motorcycle Original Equipment Manufacturer's Warranty.

\*Dynamometer settings, motorcycle condition, variation, climate and other factors can affect performance output, and results can vary from the performance values declared by Harley-Davidson.

# **TUNING FOR PERFORMANCE**

### **FIRST THINGS FIRST:**

You've built your dream pavement-pounding machine by selecting one of the Screamin' Eagle® Stage upgrades.





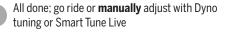
THE HOW

## **START HERE**

### **PRO STREET TUNER**

- Offers base calibrations for your chosen Screamin' Eagle Stage upgrade
- Constantly monitors the engine operation in the Part-Throttle Cruising Range
- Enables manual adjustments to fine-tune parameters within part- and full-throttle ranges

Load base calibration



## WANT MORE?

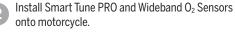
### **SMART TUNE PRO**

• Uses the Pro Street Tuner base calibrations as a starting point



- Constantly monitors the engine operation and riding conditions in the Complete Motorcycle Operating Range
- Automatically adjusts tuning parameters in real time within the Complete Motorcycle Operating Range

Load base calibration from Pro Street Tuner.



All done; go ride. Smart Tune PRO **automatically** does the rest!

3

Tuning adjusts the air-fuel ratio and other parameters based on your performance upgrades.



## THE WHAT

### COMPLETE MOTORCYCLE OPERATING RANGE

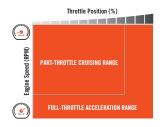


#### PART-THROTTLE CRUISING RANGE

FULL-THROTTLE ACCELERATION RANGE

Original Equipment Narrowband O<sub>2</sub> Sensors cannot measure or adjust in this range; requires manual adjustments to reference data tables to provide tuning information

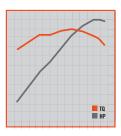
#### COMPLETE MOTORCYCLE OPERATING RANGE



#### COMPLETE MOTORCYCLE Operating Range

Pro Street Tuner Base Calibration + Smart Tune PRO + Wideband O<sub>2</sub> Sensors automatically monitor and adjust the engine in real time for all performance upgrades, operating ranges and riding conditions The end result? A properly tuned performance machine that gets the most out of your performance upgrades.

4



## THE BENEFIT

MANUAL ADJUSTMENT FOR Maximum Performance + Optimal Efficiency for your bike



#### **AUTOMATIC ADJUSTMENT FOR**

Maximum Performance + Optimal Efficiency + Automatic Adjustment for your bike in all riding conditions and combinations of performance upgrades



# **PRO STREET TUNER**

All Screamin' Eagle<sup>®</sup> performance upgrades require Engine Control Module (ECM) recalibration, also known as tuning. The best method for tuning your stage upgrades is with the Screamin' Eagle Pro Street Tuner.

- Provides starting calibrations developed by the Screamin' Eagle team
- Offers ability to dial in bike-to-bike variations and different air cleaner and exhaust combinations
- Offers Guided Smart Tune process, which walks user through tuning with or without a dyno
- Allows adjustments within a safe range for optimum performance excitement
- Maximizes the performance output while maintaining 50-State U.S. EPA compliance
- Retains the Motorcycle Original Equipment Manufacturer's Warranty

#### SCREAMIN' EAGLE® PRO STREET TUNER

The Screamin' Eagle® Pro Street Performance Tuner is designed to simplify management of engine operating parameters as performance modifications are made. Once installed, the kit will allow you to adjust key parameters or simply upload the latest Engine Control Module (ECM) calibrations to match your bike's state-of-tune. Start with a high-flow air cleaner and Street Performance mufflers and upload the calibration that provides the best performance mix. Add additional Stage Upgrades later, and you simply upload the proper ECM calibration to match the model and hardware. Plus, you have free online access to the latest factory calibrations.

Ideal for real-world street performance applications, the Pro Street Tuner provides the adjustability to account for bike-to-bike variation and for changes to cams, heads, intake and exhaust while maintaining closed-loop fuel control for fuel economy in the part-throttle operating range. Unlike other aftermarket tuners, the Screamin' Eagle Pro Street Tuner actually talks directly to your motorcycle's ECM and re-programs the motorcycle's operating system. It isn't a piggyback system that tries to fool the ECM into adding more fuel or changing the ignition timing. The Pro Street Tuner plugs into the bike's data port, so no splicing or under-seat hardware is required.

After you upload the proper ECM calibration, dial it in with the Smart Tune function. The guided Smart Tune process walks you through the process to find the right calibration for your build, set the tuner to a data collection mode and then allows you to incorporate the data after the ride with just a few clicks. The ECM calibration is then custom fit for your bike. The module will store up to 15 minutes of run-time data information that can be downloaded to your PC, allowing the rider or technician to view and evaluate the bike's air/fuel ratio,  $O_2$  sensor readings, engine speed and temperature, RPM and vehicle speed, throttle position, spark advance and many more performance characteristics. The Vehicle Communications Module (VCI) will also record and display service codes for troubleshooting and diagnostics. The kit includes the VCI module and unlimited access to the latest software updates and calibrations available from Screamin' Eagle. Tuner Cable kit sold separately.

#### The Pro Street Tuner software includes impressive features:

- A guided Smart Tune process to enable quick navigation through the software, whether you are new to tuning or an experienced user.
- Smart Tune Live a dynamic and visual method to track and capture engine data simply by running the vehicle through a range of RPM and throttle positions. This feature reduces the time to modify existing VE (Volumetric Efficiency) tables, which are then analyzed and tuned. Smart Tune Live works on models with factory-installed O<sub>2</sub> sensors only.
- Adjustability to Spark Advance, Throttle Progressivity and Volumetric Efficiency to custom tune the performance combination.
- 50-State U.S. EPA compliant.

The Pro Street Tuner permits tunability to optimize performance and drivability without compromising fuel efficiency, emission levels, engine durability, or 50-State U.S. EPA compliance. And unlike other race tuners or engine controllers, the Screamin' Eagle Pro Street Tuner does not impact your Harley-Davidson® factory warranty coverage.

#### 4100008C

For use with '17-later XG, '14-later XL and '07-'17 Dyna®, and '07-later Softail® and Touring and '17-later Trike models. Requires separate purchase of model-specific Tuner Cable. FEATURES

₿

	PRO STREET TUNER
Street-Use (EPA/CARB) Calibrations	Yes – Stage 1, 2, 3 & 4
SE Pro (Race-Use Only) Calibrations	No
Retains Full Engine Warranty	Yes
Tuning Parameters:	
Volumetric Efficiency	Tunable – All
Throttle Progressivity	Tunable – '14-later Touring
Spark Advance – Tunable	'17-later XG '14-later XL '12-'17 Dyna '12-later Softail '14-later Touring
RPM Max	View Only
Idle RPM	View Only
Accel Enrichment	View Only
Decel Enleanment	View Only
Data Recording	15 minutes
Smart Tune LIVE	Yes
Graphical Data Display	Yes
Service Codes Display/Clear	Yes
Available for VRSC <sup>™</sup> and XR models	No
Language Support	English, Spanish, German, French, Japanese, Italian, Portuguese, Dutch

### Also available:

#### SCREAMIN' EAGLE TUNER CABLE KIT

Cable kit provides all necessary connections between motorcycle, VCI and computer, and permits downloading calibrations with the Street Tuner and Super Tuner software. Kit includes two cables: computer USB to VCI box and VCI box to vehicle.

₿

32184-08A

For use with '01-'17 VRSC™, '01-'13 EFI XL and XR, '01-'11 EFI Dyna, '01-'11 EFI Softail, '02-'13 EFI Touring and '09-'13 Trike models. Also for use with VRXSE Destroyer race bikes.

#### 41000018

For use with '15-later XG, '14-later XL, '12-'17 Dyna, '11-later Softail, '14-later Touring and '14-later Trike models.

Pro Street Tuner & Smart Tune Pro

# TUNING FOR PERFORMANCE

START HERE: PRO STREET TUNER

- · Base calibrations for each Screamin' Eagle® Stage upgrade
- Constantly monitors the engine operation in the
- Part Throttle Cruising Range
- Enables MANUAL adjustments to fine-tune parameters within part and full throttle ranges

The result? MANUAL ADJUSTMENT for

Maximum Performance + Optimal Efficiency

#### WANT MORE? ADD SMART TUNE PRO

- Uses Pro Street Tuner base calibrations as a starting point
- Constantly monitors engine operation and riding conditions in the Complete Motorcycle Operating Range
- AUTOMATICALLY adjusts tuning parameters in REAL TIME within the Complete Motorcycle Operating Range

The result? AUTOMATIC ADJUSTMENT for Maximum Performance + Optimal Efficiency + Automatic Adjustment for all riding conditions and performance upgrades

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States. The street legal and/or street compliant statements may not apply to markets outside of the United States.



#### A. SCREAMIN' EAGLE® SMART TUNE PRO AUTOMATIC TUNING MODULE\*

Ę

AUTOMATIC TUNING MODULE\* Smart Tune PRO works with the Screamin' Eagle® Pro Street Tuner to automatically adjust your bike for the combination of performance components, climates and vehicle load conditions you are operating in. You just install the upgraded wideband oxygen sensors in the exhaust headers, download the calibration that the Screamin' Eagle engineers have developed as a starting point, then simply drive down the road and let Smart Tune PRO do the work.

Smart Tune PRO constantly monitors the operating parameters of your motorcycle, and automatically adjusts the bike's Electronic Control Module (ECM) to maximize performance in your current riding conditions. Smart Tune PRO utilizes wideband  $O_2$  sensors that read oxygen levels in the exhaust stream to determine the optimum air/fuel ratio your bike needs at this very moment. Smart Tune PRO analyzes the data and automatically makes real-time tuning adjustments to the ECM. Unlike the standard narrow-band  $O_2$  sensors that only provide feedback in the part-throttle cruising range, the wideband sensors can read and adjust tuning throughout the part throttle cruising range.

It is fully factory supported, and optimized to maximize performance while maintaining drivability and engine longevity. Smart Tune PRO is 50-State EPA compliant and does not impact the H-D<sup>TM</sup> factory warranty. Kit includes the Smart Tune PRO module with plug-in wiring harness, two M18 wideband  $O_2$  sensors and access to free software updates, future calibrations and free online training modules. Screamin' Eagle Pro Street Tuner and model-specific installation hardware is sold separately.

#### 41000445

Fits '17-later XL, '16-'17 Dyna® FXDLS, '16-later Softail®, '14later Touring and '17-later Trike models. Installation requires exhaust modification to incorporate wide-band oxygen sensors. Some models require Oxygen Sensor Harness Extension. For model-specific installation requirements see Installation Instructions on H-D.com/shop. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation. 50-State U.S. EPA Compliant. Pending approval in California on '19 XL models.

#### Also available: (not shown)

#### OXYGEN SENSOR HARNESS EXTENSION

Plug-in extension cable is wired to allow installation of the Screamin' Eagle Smart Tune PRO Automatic Tuning Module hardware on specific models. No splicing or soldering is required.

#### 69201704

Required for use of Screamin' Eagle Smart Tune PRO Automatic Tuning Module hardware on, '16-'17 Dyna and Softail models.

A. SCREAMIN' EAGLE SMART TUNE PRO AUTOMATIC TUNING MODULE

Milwaukee-Eight® Stage Upgrades

# MILWAUKEE-EIGHT<sup>®</sup> POWERTRAIN

Screamin' Eagle<sup>®</sup> Stage upgrades offer complete street-compliant performance configurations engineered to generate specific torque and horsepower gains. Eliminating all the guesswork and trial-and-error testing normally associated with engine modifications, Stage upgrades include everything you need to enhance your bike's performance. Start with the foundation, the Stage I upgrade, then choose from Stage II, III or IV depending on your performance goals, budget and riding style.



### STAGE I

#### INTAKE + EXHAUST + TUNING

The easiest and most cost effective step to improve your motorcycle's performance is to increase the airflow into and out of the engine. A high-flow air cleaner and system-matched slip-on mufflers provide horsepower and torque improvements you can feel throughout the RPM range, and serve as the core components for all performance upgrades. ECM calibration is required to tune the fuel flow and timing required to accommodate the improved airflow.

**Stage I** upgrade can be installed without engine disassembly. No special tools are required. Requires ECM tuning.







Milwaukee-Eight® Stage Upgrades

#### **STAGE II**

#### STAGE I + CAM UPGRADE

Adding performance cams to a Stage I equipped bike is the next step to improved performance. Cam choices allow you to tailor the engine's performance to your specific needs. A torque cam offers on-demand throttle response from low- to mid-RPM at cruising speed. A power cam targets high-RPM, wide-open throttle response that keeps pulling right up to the redline. ECM calibration tuning is required to accommodate the increased valve timing, and performance valve springs may be required for high-lift cams.

**Stage II** upgrade requires minor engine disassembly to replace the cam. Adjustable pushrods allow cam installation without removing the rocker box. Special tools and ECM tuning are required.





#### **STAGE III**

#### STAGE I + CAM, BIG BORE CYLINDERS & PISTONS

The next step on the performance journey is to build a bigger engine. An increase in engine displacement allows the engine to swallow more air and fuel, a higher compression piston squeezes the air/fuel into a more volatile mixture, and when combined, generates more power when ignited. A displacement and compression increase provides torque increases throughout the entire RPM range with a 15-25% improvement in the mid-range power. ECM calibration tuning is required to adjust fuel flow and timing to accommodate the increased displacement.

**Stage III** bolt-on upgrade requires removal of the engine's top end and opening the cam chest. Engine remains in the chassis and no machining is required. Special tools and ECM tuning are required.





#### **STAGE IV**

## STAGE I + CAM, BIG BORE CYLINDERS, PISTONS, CYLINDER HEADS & THROTTLE BODY

To maximize the impact of the increased displacement gained with Stage III updates, the addition of free-flowing ported cylinder heads and a big bore throttle body top off the performance build. Designed to satisfy the high-RPM, throttle-twisting rider, the Stage IV update delivers 20-30% increase in power that keeps pulling right up to the redline, without sacrificing mid-range torque. ECM calibration tuning is required to add more fuel, and a higher-lift cam may be required to deliver maximum power.

**Stage IV** bolt-on upgrade requires removal of the engine's top-end and opening the cam chest. Engine remains in the chassis and no machining is required. Special tools and ECM tuning are required.



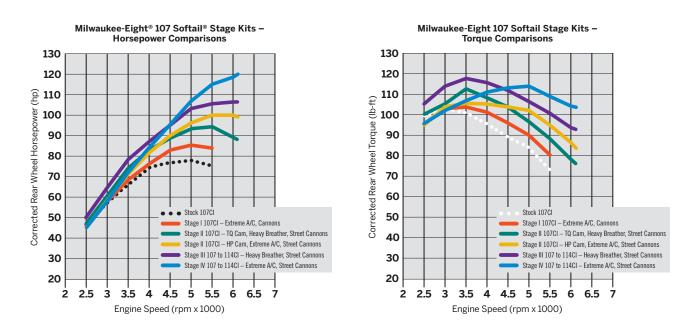


Milwaukee-Eight® Stage Upgrades

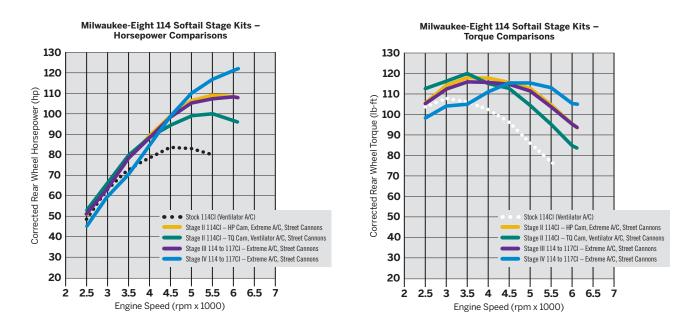
# MILWAUKEE-EIGHT<sup>®</sup> POWERTRAIN

Screamin' Eagle<sup>®</sup> Stage upgrades offer complete street-compliant performance configurations. Whether you're a Softail<sup>®</sup> or Touring rider, Screamin' Eagle offers the full gamut of Stage upgrades for you to pick the best solution for you. Use the Rear Wheel Horsepower and Torque charts to identify a combination that would work best for your riding style and performance needs.

### SOFTAIL® 107CI MODEL STAGE UPGRADES

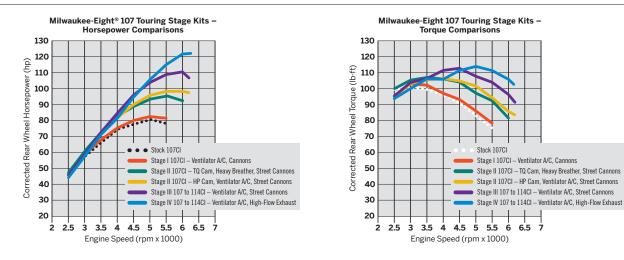


### SOFTAIL 114CI MODEL STAGE UPGRADES

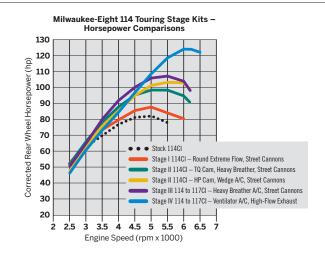


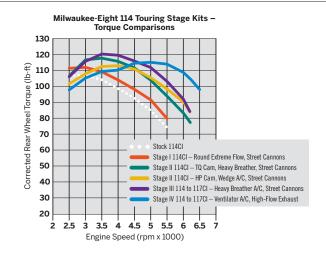
Milwaukee-Eight® Stage Upgrades

#### **TOURING 107CI MODEL STAGE UPGRADES**

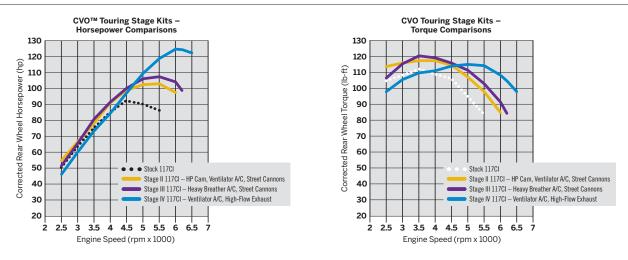


#### **TOURING 114CI MODEL STAGE UPGRADES**





#### **CVO™ TOURING MODEL STAGE UPGRADES**



DYNAMOMETER (DYNO) PERFORMANCE TESTING: Declared performance values in this catalog represent SAE J-1349 transient peak power output. Dynamometer settings, motorcycle condition, variation, climate and other factors can affect performance output and results can vary from the performance values declared by Harley-Davidson.

Milwaukee-Eight® Stage I Upgrade

₿

## A. SCREAMIN' EAGLE® HEAVY BREATHER

**EXTREME AIR CLEANER** We've taken the iconic Screamin' Eagle® Heavy Breather Air Cleaner to the next level-an extreme performance level. Designed for maximum performance, this extra-large Screamin' Eagle Heavy Breather Extreme Air Filter flows 42% more air than a traditional Heavy Breather filter. Air moves smoothly through the filter due to an interior bell-shape feature and then travels through a unique round to oval transitioned tube to improve leg clearance while providing unobstructed air to the throttle body. At speeds over 60 mph, the filter captures air from the front, forcing the air through a smaller area to create a RAM air effect, while the long intake tube enhances torque beyond other Ventilator and Round High-Flow Filters for enhanced acceleration. Designed to feed a large displacement engine enough clean air that can support output of over 150hp. The water-resistant filter is washable and rechargeable. The intake tube and back plate are dressed in rich, gloss black or mirror-like chrome and are made from cast aluminum. The back plate features a Screamin' Eagle logo. Kit includes all required mounting hardware. Optional Rain Sock P/N 29400424 is available to protect the exposed element in inclement weather.

Fits '18-later Softail®, '17-later Touring and '17-later Freewheeler® models. Does not fit models equipped with fair-ing lower glove boxes or fairing lower speakers. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation. 50-State U.S. EPA compliant.

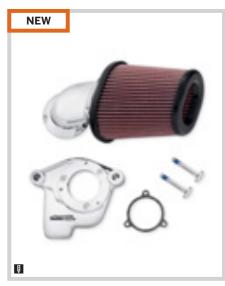
29400388 Chrome. 29400387 Gloss Black



A. SCREAMIN' EAGLE HEAVY BREATHER EXTREME AIR CLEANER - CHROME



A. SCREAMIN' EAGLE HEAVY BREATHER EXTREME AIR CLEANER - GLOSS BLACK



A. SCREAMIN' EAGLE HEAVY BREATHER EXTREME AIR CLEANER - CHROME



A. SCREAMIN' EAGLE HEAVY BREATHER EXTREME AIR CLEANER - GLOSS BLACK

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



B. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER – MILWAUKEE-EIGHT – CHROME



B. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER -MILWAUKEE-EIGHT - GLOSS BLACK

₿

Ş

Milwaukee-Eight® Stage I Upgrade

#### B. SCREAMIN' EAGLE® HEAVY BREATHER PERFORMANCE AIR CLEANER – MILWAUKEE-EIGHT® ENGINE

Take a deep breath. Designed in concert with the Milwaukee-Eight® powertrain, the iconic Heavy Breather Air Cleaner features a forward-facing oiled cotton filter element that flows large volumes of clean air into the engine. The short, low-profile cast tube rams the charge directly into the throttle body with little turbulence for increased power and torque, and the intake tube mounts to a custom back plate that features integral breathers and covers the throttle body and electronics for a finished look. The slanted compact filter adds an aggressive performance look, and it is shaped to allow installation on Touring bikes equipped with fairing lowers. Available in your choice of chrome or gloss black finish, the kit includes filter, intake tube, custom back plate, water-repellent rain sock and all mounting hardware. 50-State U.S. EPA compliant.

Fits '18-later Softail®, and '17-later Touring and Trike models. Does not fit with Fairing Lower Speakers. All models require ECM calibration with Screamin' Eagle® Pro Street Tuner for proper installation. ECE compliant on '17-later CVO™ Touring and 107Cl Twin-Cooled™ models.

29400263 Chrome. 29400264 Gloss Black

#### C. SCREAMIN' EAGLE HEAVY BREATHER BILLET ALUMINUM FILTER COVER

This two-piece billet cover adds dimension to your Milwaukee-Eight Heavy Breather. Manufactured from forged aluminum and precision machined to tightly wrap the element, this stylish cover exposes a majority of the filter to maximize airflow. The cover can be installed on Touring models equipped with fairing lowers, and can be used with the Original Equipment Heavy Breather Rain Sock. The cover features a deep machined Screamin' Eagle logo, and is available in a rich, gloss black finish.

#### 61300688 Gloss Black

Fits '18-later Softail, and '17-later Touring and Trike models equipped with Heavy Breather Air Cleaner P/N 29400263 or 29400264.



B. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER – MILWAUKEE-EIGHT – CHROME



B. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER – MILWAUKEE-EIGHT – GLOSS BLACK





Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

The street legal and/or street compliant statements may not apply to markets outside of the United States.

₿

Milwaukee-Eight® Stage I Upgrade

B

### A. SCREAMIN' EAGLE® VENTILATOR

EXTREME AIR CLEANER Let it breathe! The open-face filter design of the Screamin' Eagle® Ventilator Extreme Air Cleaner Kit flows 39% more air than a traditional perimeter high-flow filter. When combined with an additional 1/2" of air filter thickness and the smooth radius die-cast back plate, this open filter can feed a large displacement engine with an unobstructed flow of clean air that can support output of over 150hp. Kit includes a die-cast back plate, and open-face, water-resistant, washable oiledcotton filter element and all required installation gaskets and hardware. Optional Rain Sock P/N 29400412 is available to protect the exposed element in extreme weather. Choice of either Gloss Black (P/N 61300994) or Chrome (P/N 61300993) Cover Kit required to complete installation.

Fits '18-later Softail® and '17-later Touring and Trike models. Requires Ventilator Extreme Air Cleaner Cover Kit P/N  $\,$ 61300993 or 61300994 to complete installation. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation. 50-State U.S. EPA compliant.

29400396	Chrome.
29400397	Gloss Black.

#### B. SCREAMIN' EAGLE VENTILATOR EXTREME AIR CLEANER COVER

The Ventilator Extreme Air Cleaner Cover trims the face of the Screamin' Eagle Ventilator Extreme filter in style and features aggressive mounting lugs, polished stainless-steel custom ARP fasteners and an inset Screamin' Eagle medallion. The cast aluminum, rich gloss black cover wraps the leading edge of the filter element, covering the rubber gasket with out restricting airflow. This Air Cleaner Cover is required to complete installation of the Ventilator Extreme Air Cleaner Kit P/N 29400396 & 29400397.

Fits Screamin' Eagle Ventilator Extreme Air Cleaner Kits P/Ns 29400396 and 29400397. Includes necessary ARP hardware. Also fits standard Ventilator Air Cleaner Kits P/N 29400298 and 29400299 with separate purchase of Extreme Ventilator Air Filter P/N 29400400.

61300993 Chrome. 61300994 Gloss Black

#### C. SCREAMIN' EAGLE AIR CLEANER RAIN SOCK

Protect your exposed-element air cleaner during inclement weather. This mesh cover stretches over the filter to repel moisture that could damage the filter and be drawn into the engine. The breathable cover does not significantly reduce air flow to the engine

#### 29400412

Fits Screamin' Eagle Ventilator Extreme Air Cleaner Kits.

#### D. SCREAMIN' EAGLE VENTILATOR EXTREME K&N® AIR FILTER ELEMENT

K&N<sup>®</sup> replacement air filters are engineered to improve airflow for increased horsepower and quicker acceleration. The Screamin' Eagle Extreme Ventilator K&N Air Filter Element is a replacement filter designed specifically for Screamin' Eagle Extreme Ventilator Air Cleaners. This replacement filter provides excellent filtration and because they are washable and reusable, you can clean the filter whenever conditions demand.

#### 29400400

Fits Screamin' Eagle Ventilator and Ventilator Extreme Air Cleaner Kits. Requires Ventilator Extreme Air Cleaner Cover Kit P/N 61300993 or 61300994 to complete installation.



A. SCREAMIN' EAGLE VENTILATOR EXTREME AIR CLEANER - CHROME (SHOWN WITH CHROME COVER P/N 61300993)



A. SCREAMIN' EAGLE VENTILATOR EXTREME AIR CLEANER - GLOSS BLACK (SHOWN WITH GLOSS BLACK COVER P/N 61300994)



B. SCREAMIN' EAGLE VENTILATOR EXTREME AIR CLEANER COVER – CHROME

NFW



B. SCREAMIN' EAGLE VENTILATOR EXTREME AIR CLEANER COVER – GLOSS BLACK



D. SCREAMIN' EAGLE VENTILATOR EXTREME K&N AIR FILTER ELEMENT

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

C. SCREAMIN' EAGLE AIR CLEANER RAIN SOCK



E. SCREAMIN' EAGLE VENTILATOR AIR CLEANER KIT – MILWAUKEE-EIGHT – CHROME



E. SCREAMIN' EAGLE VENTILATOR AIR CLEANER KIT – MILWAUKEE-EIGHT – GLOSS BLACK



E. SCREAMIN' EAGLE VENTILATOR AIR CLEANER KIT – MILWAUKEE-EIGHT – BLACK



Milwaukee-Eight® Stage I Upgrade

### E. SCREAMIN' EAGLE® VENTILATOR AIR CLEANER IN KIT – MILWAUKEE-EIGHT® ENGINE This low-profile oval air cleaner features an exposed filter

This low-profile oval air cleaner features an exposed filter element and a cast back plate designed to provide maximum airflow to the throttle body. This easy-to-install air cleaner produces significant performance gains, while the stylish cover is tapered for added leg clearance. This complete kit includes low-profile air cleaner cover, high-flow filter element, cast aluminum back plate, diamond-cut Screamin' Eagle® medallion and all required installation hardware. Protective Rain Sock is included. 50-State U.S. EPA compliant.

Fits '18-later Softail®, and '17-later Touring and Trike models. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation. ECE compliant on '17-later CVO™ Touring models.

#### 29400299 Chrome.

29400298 Gloss Black.

#### F. DEFIANCE COLLECTION VENTILATOR

AIR CLEANER TRIM – MILWAUKEE-EIGHT ENGINE This forged and machined Defiance Air Cleaner Trim kit adds a premium touch to the Milwaukee-Eight® Ventilator Air Cleaner. The billet-style band with deep longitudinal lines and H-D logo wraps the center section of the Ventilator Air Cleaner face plate for a contemporary look. The Defiance Air Cleaner Trim is available in your choice of chrome, machine cut anodized black or full black finishes. Kit includes trim band and mounting hardware. Protective Rain Sock P/N 29400177 or 29762-09 is available separately.

Fits '18-later Softail, and '17-later Touring and Trike models equipped with Ventilator Air Cleaner P/N 29400298 or 29400299. Also fits '18-later Softail models with 114Cl engines and '17-later CVO touring models with Original Equipment Ventilator Air Cleaner with separate purchase of Air Filter P/N 29400293.

#### 61300768 Chrome

	01101101
61300769	Gloss Black Anodized.
61300770	Gloss Black with Highlights.



F. DEFIANCE COLLECTION VENTILATOR AIR CLEANER TRIM – MILWAUKEE-EIGHT – CHROME



F. DEFIANCE COLLECTION VENTILATOR AIR CLEANER TRIM – MILWAUKEE-EIGHT – GLOSS BLACK



F. DEFIANCE COLLECTION VENTILATOR AIR CLEANER TRIM – MILWAUKEE-EIGHT – GLOSS BLACK WITH HIGHLIGHTS



F. DEFIANCE COLLECTION VENTILATOR AIR CLEANER TRIM – MILWAUKEE-EIGHT

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Milwaukee-Eight® Stage I Upgrade

₿

B

₿

## A. SCREAMIN' EAGLE® ROUND EXTREME-FLOW

AIR CLEANER – CENTER BOLT The open-face filter design of the Screamin' Eagle® Extreme-Flow Air Cleaner Kit provides 60% more filtered surface area to flow 11% more air than a traditional perimeter high-flow filter. When combined with the smooth radius die-cast back plate, this open filter can feed a large displacement engine with an unobstructed flow of clean air. While sized to fit behind Original Equipment or accessory center-bolt air cleaner covers, the deep open-face filter provides maximum airflow and style when paired with a matching open-face air cleaner trim option. Kit includes the gloss-black finished die-cast back plate with laser-engraved Screaming Eagle logo, an open-face washable oiled-cotton filter element, and all required installation gaskets and hardware. Optional Rain Sock P/N 29400363 is available to protect the exposed element in inclement weather. 50-State U.S. EPA compliant (except FLSB).

#### 29400357 Extreme Open-Face Filter

Fits '18-later Softail® and '17-later Touring and Trike models. Not compatible with air cleaner cover on CVO™ Touring models. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation.

#### **B. SCREAMIN' EAGLE ROUND HIGH-FLOW**

AIR CLEANER – CENTER BOLT The Screamin' Eagle High-Flow Air Cleaner Kit provides increased airflow to boost the power of your Milwaukee-Eight® engine equipped model. The one-piece cast back plate is system-matched to the throttle body to deliver a smooth uninterrupted flow, and shaped to permit air to enter around the entire perimeter of the air cleaner housing. The back plate is topped with a washable perimeter-flow oiled-cotton filter element that captures debris while passing significantly more air than the stock filter. This High Flow Air Cleaner can be dressed with most round Original Equipment or accessory center-bolt air cleaner covers. Or choose to flaunt your performance gains with the open element look, and finish it off with custom Air Cleaner Trim from one of the Harley-Davidson® decorative collections. This kit includes air cleaner element, gloss black back plate with laser-engraved Screaming Eagle logo, breather and all required hardware. Optional Rain Sock P/N 29400363 is available to protect the exposed element in inclement weather. 50-State U.S. EPA compliant.

#### 29400355

Fits '18-later Softail and '17-later Touring and Trike models. '17-later Touring and Trike models require separate purchase of accessory round air cleaner cover or trim. Not compatible with air cleaner cover on CVO Touring models. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation.

## C. SCREAMIN' EAGLE ROUND HIGH-FLOW

AIR CLEANER – PERIMETER BOLT Feed your engine more air while maintaining the fresh-from-the-factory look. Designed to accept the Original Equipment Softail perimeter-bolt air cleaner cover, this Screamin' Eagle High-Flow Air Cleaner Kit allows free breathing and unob-structed airflow to your Milwaukee-Eight engine. The die-cast back plate is sized to permit airflow around the entire perimeter of the air cleaner. Your engine gets more air, and you feel more power throughout the rev range. The back plate features 5 threaded lugs that accept the perimeter-bolt air cleaner cover, and a chamfered throat that allows smooth flow into the throttle body. The kit includes the gloss-black finished die-cast back plate, a perimeter-flow washable oiled-cotton filter element, all required installation gaskets and hardware and a laser-engraved Screamin' Eagle logo to finish the look. Optional Rain Sock P/N 29400363 is available to protect the exposed element in inclement weather. 50-State U.S. EPA compliant

#### 29400356

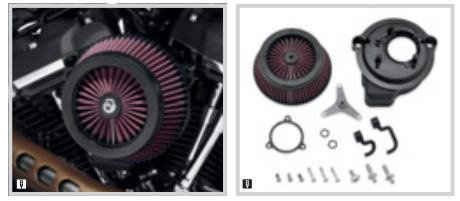
Fits '18-later FLFB, FLFBS, FLSB, FXBB, FXBR, FXBRS, FXDRS, FXFB and FXFBS models with Original Equipment perimeter-bolt air cleaner cover. Not recommended for use with center-bolt air cleaner covers or trim. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

The street legal and/or street compliant statements may not apply to markets outside of the United States.



#### AIR CLEANER FILTER ELEMENT COMPARISON

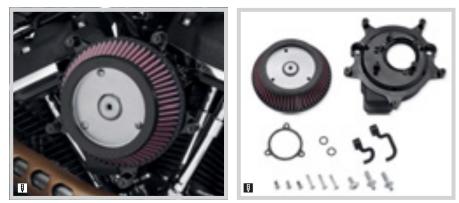


A. SCREAMIN' EAGLE ROUND EXTREME-FLOW AIR CLEANER - CENTER BOLT





B. SCREAMIN' EAGLE ROUND HIGH-FLOW AIR CLEANER - CENTER BOLT



C. SCREAMIN' EAGLE ROUND HIGH-FLOW AIR CLEANER - PERIMETER BOLT







E. SCREAMIN' EAGLE ROUND AIR CLEANER COVER - CALIBRE



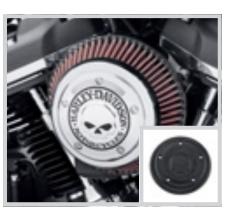
F. AIR CLEANER TRIM KITS -BRASS COLLECTION



F. AIR CLEANER TRIM KITS -DARK CUSTOM



F. AIR CLEANER TRIM KITS -**#1 SKULL** 



F. AIR CLEANER TRIM KITS – WILLIE G SKULL – CHROME



F. AIR CLEANER TRIM KITS -AIRFLOW



F. AIR CLEANER TRIM KITS -LIVE TO RIDE

High-Flow Round Air Cleaner Covers

#### D. SCREAMIN' EAGLE® ROUND AIR CLEANER COVER -RATCHET

The Ratchet Air Cleaner Cover trims the face of the Screamin' Eagle® Round Air Cleaner filter in style. Ideal for use with Extreme open face filters, the forged aluminum cover wraps the leading edge of the filter element, covering the rubber gasket without restricting the airflow. The Ratchet Cover is finished in rich black, and features a center bar with Screamin' Eagle script and a lugged outer ring. The kit includes a black filler plate to cover the unfinished face of standard High Flow filter for a clean blacked-out appearance.

#### 61300845

Fits '18-later Softail<sup>®</sup> and '17-later Touring and Trike models equipped with Screamin' Eagle round High Flow Air Cleaner.

#### E. SCREAMIN' EAGLE ROUND AIR CLEANER COVER -CALIBRE

The unique open slot design of the Calibre Air Cleaner Cover maximizes style without compromising performance. Ideal for use with Extreme open face filters, the forged aluminum cover wraps the leading edge of the filter element, covering the rubber gasket without restricting the airflow. The gloss black Calibre Cover features 3 radiused slots cut into the face and a Screamin' Eagle logo prominently on display. The kit includes a black filler plate to cover the unfinished face of standard High Flow filter for a clean blacked-out appearance.

#### 61300846

Fits '18-later Softail and '17-later Touring and Trike models equipped with Screamin' Eagle round High Flow Air Cleaner.

#### F. AIR CLEANER TRIM KITS

The perfect blend of performance and style. Available in a wide variety of styles, this bolt-on Air Cleaner Trim is sized to cover the face of most Screamin' Eagle Round High-Flow Air Cleaners. You can continue the look of your custom collection while maximizing air flow to the engine. Model-specific rain socks are available to protect the open element during inclement weather.

Fits Evolution<sup>®</sup> 1340 models, '99-'08 Dyna<sup>®</sup>, '00-'15 Softail (except FLS, FLSS, FLSTSB, and FXS) and '99-'13 Touring and Trike models equipped with oval-shaped Original Equipment air cleaner cover. Also fits models equipped with Screamin' Eagle Round High-Flow Air Cleaner Kits with separate purchase of Rain Sock Kit P/N 28728-10 or Air Cleaner Trim Installation Kit P/N 12400158

61400339	Brass Collection.
61300057	Dark Custom™ Collection.
27956-10	Number One Skull Collection.
29400366	Willie G Skull – Black.
29417-04	Willie G Skull – Chrome.
61400323	Airflow Collection.
29328-99	Live To Ride Collection – Gold.

#### Also available: (not shown)

#### SCREAMIN' EAGLE AIR CLEANER RAIN SOCK

Protect your exposed-element air cleaner during inclement weather. This mesh cover stretches over the filter to repel moisture that could damage the filter and be drawn into the engine. The breathable cover does not significantly reduce air flow to the engine.

**29400363** For Round High-Flow Filter. Fits '18-later Softail and '17-later Touring and Trike models equipped with Screamin' Eagle High-Flow Air Cleaners with round perimeter flow air cleaner element.

29493-05A For Heavy Breather Filter.

Fits models equipped with Screamin' Eagle Heavy Breather Air Cleaner Kits (except Compact Heavy Breather P/N 28716-10, Heavy Breather Elite P/N 29400173, 29400172 or 29400285, and Milwaukee-Eight® Heavy Breather P/N 29400263 or 29400264).

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Round Air Cleaner Covers

A. DARK CUSTOM™ LOGO COLLECTION -

#### AIR CLEANER TRIM

The famous Harley-Davidson #1 logo with a sinister twist. Styled to complement chrome or blacked-out motorcycles, this rich black air cleaner trim features a machined Dark Custom #1 logo at its center. Formed from aluminum, this selfadhesive buckshot-hole cover fits perfectly into the recessed face of the Original Equipment Softail® perimeter-bolt air cleaner cover.

#### 61300892

Fits '18-later FLFB, FLSB, FXBB, FXBR and FXFB models with Original Equipment perimeter bolt air cleaner cover.

#### B. AIR CLEANER TRIM - BAR & SHIELD

Styled to complement polished or blacked-out engines, this rich black bullet-hole air cleaner trim features a simple etched Bar & Shield logo at its center. Easy to install, this self-adhesive formed aluminum trim fits perfectly into the recessed face of the Softail models Original Equipment perimeter bolt air cleaner cover.

#### 61300891

Fits '18-later FLFB, FLSB, FXBB, FXBR and FXFB models with Original Equipment perimeter bolt air cleaner cover.

#### C. AIR CLEANER TRIM - BRUSHED ALUMINUM

Show off your Milwaukee-Eight® engine's displacement with pride. Available for 107- and 114-cubic-inch engines, this brushed aluminum and black trim is the perfect comple-ment to chrome or black engine finishes. This easy-to-install self-adhesive formed aluminum trim fits perfectly into the recessed face of the Softail models Original Equipment perimeter bolt air cleaner cover.

Fits '18-later FLFB, FLSB, FXBB, FXBR and FXFB models with Original Equipment perimeter bolt air cleaner cover.

61300788	107 Logo.
61300787	114 Logo.

#### D. BOBBER-STYLE ROUND AIR CLEANER COVER

Low-profile round air cleaner cover adds an attractive nostalgic look to any bike's profile. This cover can be accented with your choice of stylish air cleaner trim collections (sold separately) for a personalized look. The cover features a cut-away bottom design that exposes the filter element to maximize the airflow when installed with a Screamin' Eagle® High-Flow Air Cleaner Kit.

Fits '12-'16 XL1200V and '11-'15 FLS and FXS models with Original Equipment round air cleaner. Also fits models equipped with Screamin' Eagle Round High-Flow Air Cleaner Kits.

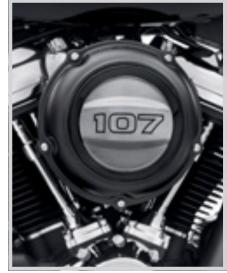
61300120	Chrome.
61300128	Gloss Black.



A. DARK CUSTOM LOGO COLLECTION - AIR **CLEANER TRIM** 

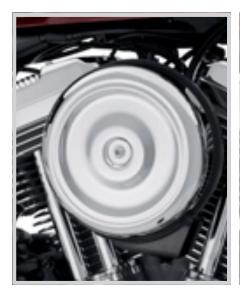


B. AIR CLEANER TRIM - BAR & SHIELD





C. AIR CLEANER TRIM - BRUSHED ALUMINUM



CHROME

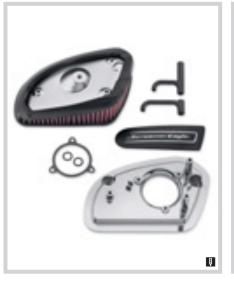


D. BOBBER-STYLE ROUND AIR CLEANER COVER D. BOBBER-STYLE ROUND AIR CLEANER COVER GLOSS BLACK

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



E. SCREAMIN' EAGLE WEDGE HIGH-FLOW AIR CLEANER



E. SCREAMIN' EAGLE WEDGE HIGH-FLOW AIR **CLEANER - CHROME** 



E. SCREAMIN' EAGLE WEDGE HIGH-FLOW AIR CLEANER - BLACK



F. MILWAUKEE-EIGHT ENGINE AIR CLEANER COVER - GLOSS BLACK

Milwaukee-Eight® Stage I Upgrade

#### E. SCREAMIN' EAGLE® WEDGE HIGH-FLOW ₿ AIR CLEANER

Screamin' Eagle® High-Flow Air Cleaner Kits allow free breathing and unobstructed airflow to your Milwaukee-Eight® engine–while maintaining a subtle Original Equipment look. These kits feature a die-cast back plate sized to provide an open-element function that permits airflow around the entire perimeter of the air cleaner and through the ram air opening at the front. Your engine gets more air, and you feel more power throughout the rev range. Kit includes the die-cast back plate, a high-flow oiled-cotton filter element, all required installation gaskets and hardware and a diamond-cut Screamin' Eagle medallion to finish the look. Kits are available with your choice of chrome or textured black back plate to match your customizing style. 50-State U.S. EPA compliant.

Fits '17-later Touring and Trike models. Not compatible with air cleaner cover on CVO^{\rm TM} Touring models. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation. ECE compliant on '17-later CVO Touring models.

#### 29400246A Chrome.

29400245A Black.

#### Also available:

SCREAMIN' EAGLE AIR CLEANER MEDALLION -MILWAUKEE-EIGHT

Dress your factory air cleaner cover with a diamond-cut Screamin' Eagle medallion. Lock patch holds the medallion firmly in place and is easy to remove for access to the air cleaner hardware. 61300762

Fits '17-later Touring and Trike models equipped with Original Equipment wedge air cleaner cover. Does not fit CVO models.

#### F. MILWAUKEE-EIGHT® ENGINE AIR CLEANER COVER -**GLOSS BLACK**

Complete the blacked-out look. This Gloss Black Air Cleaner Cover adds a sinister touch without changing the signature profile of your Milwaukee-Eight engine.

#### 61300828

Fits '17-later Touring (except CVO) and Trike models with Original Equipment air cleaner or Screamin' Eagle Wedge High-Flow Air Cleaner.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Milwaukee-Eight® Stage I Upgrade

B

₿

#### A. SCREAMIN' EAGLE® STREET CANNON MUFFLERS - CHROME

Call attention to your ride without calling attention to your ride. Tuned to provide a deep bass exhaust note and great rumble throughout the RPM range, these 3.5" Street Cannon mufflers deliver the famous Harley sound while preserving the peace with your neighbors. You get a nice bark when you get on the throttle, and a deep mellow tone when cruising at constant speed. The tuned baffles work with the internal highflow catalyst to strike the perfect balance required to deliver performance that you can feel in your gut. The large 3.5" diam-eter Street Cannons provide free flow of exhaust gases with just the right amount of back pressure for a smooth-running ride. Mufflers include matching chrome end caps with subtle engraved Screamin' Eagle logo. Looking to black out your ride? Optional satin black wrap-around muffler shields and end caps are available to complete the look.

#### 64900636 Short - Domestic

Fits '18-later FLDE, FLHC and FLHCS models. Includes chrome muffler end caps. Installation requires separate Explored and the second separately). 50-State U.S. EPA compliant.

#### 64900638 Short - ECE Certified.

Designed for International markets that require ECE-certified mufflers. Fits '18-later FLDE, FLHC and FLHCS models. Includes chrome muffler end caps. Installation requires

separate purchase of Muffler Clamps P/N 65900012 (Qty 2) and Exhaust Gaskets P/N 65900017 (Qty 2).

64900690 Long – Domestic. Fits '18-later FLFB, FLFBS, FLSL, FXBB, FXBR, FXBRS , FXLR and FXLRS models. Includes chrome muffler end caps. Installation requires separate purchase of Muffler Clamps P/N 65900012 (Qty 2) and Exhaust Gaskets P/N 65900017 (Qty 2). All models require ECM calibration with Screamin' Eagle Pro Street Tuner (sold separately). 50-State U.S. EPA compliant.

#### Long – ECE Certified. 64900691

Designed for International markets that require ECE-certified mufflers. Fits '18-later FLFB, FLFBS, FLSL, FXBB, FXBR, FXBRS, FXLR and FXLRS models. Includes chrome muffler end caps. Installation requires separate purchase of Muffler Clamps P/N 65900012 (Qty 2) and Exhaust Gaskets P/N 65900017 (Qty 2).

#### B. MUFFLER END CAPS - 3.5" SATIN BLACK

These easy-to-install caps allow you to finish your Softail<sup>®</sup> 3.5" Screamin Eagle Street Cannon mufflers your way. Sold in pairs these Satin Black end caps feature a subtle engraved Screamin' Eagle script for a clean look. Installation hardware included.

#### 65100153

Fits '18-later Softail models equipped with Screamin' Eagle Street Cannon Mufflers P/N 64900636, 64900638, 64900690 or 64900691



A. SCREAMIN' EAGLE STREET CANNON MUFFLERS - CHROME, SHORT (SHOWN ON SOFTAIL DELUXE MODEL)



A. SCREAMIN' EAGLE STREET CANNON MUFFLERS - CHROME. LONG (SHOWN ON FAT BOY MODEL)



A. STANDARD CHROME MUFFLER END CAPS (INCLUDED WITH STREET CANNON MUFFLERS)



B. SCREAMIN' EAGLE SATIN BLACK MUFFLER END CAPS

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



C. SATIN BLACK MUFFLER SHIELDS - SHORT (SHOWN ON FLHC MODEL WITH SATIN BLACK EXHAUST SHIELDS)



C. SATIN BLACK MUFFLER SHIELDS - LONG (SHOWN ON FAT BOY MODEL WITH SATIN BLACK EXHAUST SHIELDS)

65400458

65400459



C. SCREAMIN' EAGLE MUFFLER SHIELDS -SATIN BLACK



55400460

## SCREAMIN' EAGLE® 427

Milwaukee-Eight<sup>®</sup> Stage I Upgrade

#### C. SATIN BLACK MUFFLER SHIELDS

Complete the blacked-out look. These rich satin-black shields wrap the chrome Street Cannon mufflers and complete the conversion to a sinister look. Styled to hug the lines of the mufflers, the blunt-cut shields are sized to expose the muffler end cap for a custom touch. Easy-to-install kit includes front and rear shields and black mounting clamps.

#### 65400457 Short Shields.

Fits '18-later FLDE, FLHC and FLHCS models equipped with Screamin' Eagle® Street Cannon Mufflers P/N 64900636 or 64900638.

65400461 Long Shields. Fits '18-later FLFB, FLFBS, FLSL, FXBB, FXBR, FXBRS, FXLR and FXLRS models equipped with Screamin' Eagle Street Cannon Mufflers P/N 64900690 or 64900691.

#### Shown with:

#### SATIN BLACK EXHAUST SHIELD KIT

Extend the custom look along the bike's entire profile. These formed steel exhaust shields are available in a unique satin black ceramic finish that complements black Screamin' Eagle Street Cannon Muffler Shields. This exhaust shield kit has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exact fit, the easy-to-install kit includes front and rear head pipe shields.

#### 65400458

Fits '18-later FLDE, FLHC and FLHCS models. 65400459

Fits '18-later FLSL, FXLR and FXLRS models. 65400460

Fits '18-later FLFB, FLFBS, FXBR and FXBRS models.

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Milwaukee-Eight® Stage I Upgrade

A. SCREAMIN' EAGLE® STREET CANNON MUFFLERS – FAT BOB® MODELS These 4.5" street compliant high-flow mufflers have been specifically tuned to deliver an aggressive exhaust note and improved performance. The straight-through perforated baffle reduces airflow restriction, and produces a rich exhaust note throughout the entire RPM range. You get a great performance, a powerful bass rumble and a throaty tone while on the throt-tle, while maintaining a mellow note while cruising. Available in your choice of Brushed Satin Chrome or heat-resistant Satin Black ceramic finish. Matching or contrasting end caps (sold separately) complete the custom look.

Fits '18-later FXFB and FXFBS models. Installation requires separate purchase of Muffler End Caps P/N 65100122 or 65100123 and clamps P/N 65900012 (Qty 2). All models require ECM calibration with Screamin' Eagle® Pro Street Tuner (sold separately). 50-State U.S. EPA compliant.

64900641 Satin Black.	

Designed for International markets that require ECE-certified mufflers. Fits '18-later FXFB and FXFBS models. Installation requires separate purchase of Muffler End Caps P/N 65100122 or 65100123 and clamps P/N 65900012 (Qty 2).

64900642	Brushed Satin Chrome.	
64900643	Satin Black.	

#### B. MUFFLER END CAPS - 4.5" FAT BOB

These easy-to-install caps allow you to finish your 4.5" Fat Bob® Screamin Eagle mufflers your way. Sold in pairs, these Brushed Satin Chrome or Satin Black end caps feature a subtle engraved Screamin' Eagle script for a clean look. Installation hardware included.

Fits '18-later FXFB and FXFBS models equipped with Screamin' Eagle Street Cannon Mufflers P/N 64900640, 64900641, 64900642 and 64900643.

65100123	Brushed Satin Chrome.
65100122	Satin Black.



A. SCREAMIN' EAGLE STREET CANNON MUFFLERS - FAT BOB, BRUSHED SATIN CHROME



A. SCREAMIN' EAGLE STREET CANNON MUFFLERS - FAT BOB, SATIN BLACK



A. SCREAMIN' EAGLE STREET CANNON MUFFLERS - FAT BOB



B. MUFFLER END CAPS - 4.5" FAT BOB

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



C. SCREAMIN' EAGLE STREET CANNON MUFFLERS - SPORT GLIDE MODELS, BLACK (SHOWN WITH BLACK MUFFLER SHIELD)



C. SCREAMIN' EAGLE STREET CANNON MUFFLERS - SPORT GLIDE MODELS, CHROME (SHOWN WITH CHROME MUFFLER SHIELD)

## **SCREAMIN' EAGLE® 429**

₿

Milwaukee-Eight® Stage I Upgrade

# C. SCREAMIN' EAGLE® STREET CANNON UFFLERS - SPORT GLIDE™ MODELS Tuned to provide a deep bass exhaust note and great rumble

throughout the RPM range, this 4.5" Street Cannon muffler delivers the famous Harley sound while preserving the peace with your neighbors. You get a nice bark when you get on the throttle, and a deep mellow tone when cruising at constant speed. The tuned baffle works with the internal high-flow cata-lyst to strike the perfect balance required to deliver performance that you can feel in your gut. The large 4.5" diameter Street Cannon provides free flow of exhaust gases with just the right amount of back pressure for a smooth-running ride and can be fitted with a wide variety of styled muffler end caps to provide the perfect finishing touch. Requires choice of chrome or satin black muffler shield with laser etched logo.

Fits '18-later FLSB models. Installation requires separate purchase of Muffler Shield, Muffler End Cap, Muffler Clamp (Qty 1). Requires ECM calibration with Screamin' Eagle® Pro Street Tuner (sold separately).

#### 64900752 Chrome. 64900754 Black

Designed for International markets that require ECE-certified separate purchase of Muffler Shield, Muffler End Cap, Muffler Clamp P/N 65900007 (Qty 1) and Muffler Gasket P/N 65900040 (Qty 1).

,	
64900756	Chrome, ECE
64900758	Black, ECE

#### Shown with:

#### MUFFLER SHIELD

Styled to hug the lines of the uniquely shaped stepped muffler design of the Screamin' Eagle Street Cannon for Sport Glide™. Offered in both chrome and satin black and feature a subtle engraved Screamin' Eagle script for a clean look.

Fits '18-later FLSB models equipped with Screamin' Eagle Street Cannon Mufflers P/Ns 64900752, 64900754, 64900756, 64900758.

#### 65400466 Chrome.

#### 65400468 Black

D. MUFFLER END CAPS – 4.5" Fits '18-later FLSB and '17-later Touring models equipped with 4.5" Screamin' Eagle Street Cannon Mufflers. Does not fit CVO™ Touring mufflers. Sold Individually.

or o nou ing manor or ool a manadaliy.	
1. 65100165	Slash Cut – Chrome.
2.65100166	Slash Cut – Black.
3. 65100162	Defiance – Chrome.
4.65100163	Defiance – Gloss Black.
5. 65100164	Defiance – Machine Cut.
6. 65100160	Two-Piece – Chrome.
7. 65100161	Two-Piece – Black.



D. MUFFLER END CAPS

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Milwaukee-Eight® Stage I Upgrade

A. SCREAMIN' EAGLE® MUFFLER KIT – FXDR™ 114 MODELS The Screamin' Eagle® Titanium Performance Slip-on Muffler features Full Titanium construction providing a 50% weight reduction over stock mufflers, increasing performance and acceleration. Kit includes pre-installed carbon fiber end cap and carbon fiber muffler shield along with required hardware for installation.

64900749 DOM. Fits '19-later FXDRS models. All models require ECM calibration with Screamin' Eagle Pro Street Tuner (sold separately). 50-State U.S. EPA compliant.

#### 64900760 ECE.

Designed for international markets that required ECE certification. Fits '19-later FXDRS models.



A. SCREAMIN' EAGLE MUFFLER KIT - FXDR 114 MODELS



NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.





**B. SATIN BLACK EXHAUST SHIELD KIT** 

Milwaukee-Eight® Stage I Upgrade

#### SATIN BLACK EXHAUST SHIELDS

Extend the custom look along the bike's entire profile. These formed steel exhaust shields are available in a unique satin black finish that complements black Screamin' Eagle® Street Cannon Muffler Shields. This exhaust kit has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exact fit.

B. SATIN BLACK EXHAUST SHIELD KIT

**65400472** Fits '18-later FLSB, FXFB, FXFBS and '19-later FXDRS models.

#### C. SATIN BLACK COLLECTOR SHIELD

65400481 Fits '18-later FXFB and FXFBS models. 65400480

Fits '18-later FLSB models.



C. SATIN BLACK COLLECTOR SHIELD - FAT BOB MODELS



C. SATIN BLACK COLLECTOR SHIELD - SPORT GLIDE MODELS

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Milwaukee-Eight® Stage I Upgrade

#### A. SCREAMIN' EAGLE® STREET CANNON PERFORMANCE SLIP-ON MUFFLERS - 4.5" Dialed in to enhance the performance of the Milwaukee-

Dialed in to enhance the performance of the Milwaukee-Eight<sup>®</sup> engine, these slip-on mufflers feature a large inlet for improved airflow. When teamed with a free-flowing air cleaner, these Street Cannon mufflers deliver horsepower and torque gains you can feel. The large 4.5" diameter mufflers are tuned to provide a rich exhaust note, a deep bass rumble and great throaty sound when you roll on the throttle. But to strike a balance with your neighbors, the large internal volume and strategically designed baffles help maintain the peace at partial throttle. The large-diameter body adds a muscular look to your ride, and the newly designed mounts keep the mufflers tucked in close to the bags for a clean profile. These Street Cannon mufflers feature a die-cast Screamin' Eagle<sup>®</sup> medallion on their flanks, and can be fitted with a wide variety of styled muffler end caps to provide the perfect finishing touch.

Fits '17-later Touring models. Does not fit Trike models. Installation requires separate purchase of Muffler Clamps P/N 65900012 and 65900015. Requires separate purchase of end caps. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation. 50-State U.S. EPA compliant.

64900552A Chrome.

64900553A Satin Black.

Fits '17-later Touring models. Does not fit Trike models. Designed for International markets that require ECE-certified mufflers. Includes matching Two-Piece Muffler end caps. Installation requires separate purchase of Muffler Clamps P/N 65900012 and 65900015.

64900555A Chrome – ECE Certified. 64900554A Satin Black – ECE Certified.

#### **B. SATIN BLACK EXHAUST SHIELD KIT**

These formed steel exhaust shields feature a unique black coating that complements the finish of the Screamin' Eagle black slip-on mufflers. The rich black coating maintains its uniform black finish and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exacting fit, the easy-to-install kit includes front and rear head pipe shields. **65400285** 

Fits '17-later Touring and Trike models.



A. SCREAMIN' EAGLE STREET CANNON PERFORMANCE SLIP-ON MUFFLERS – 4.5" – CHROME (SHOWN WITH CHROME TWO-PIECE END CAPS)



A. SCREAMIN' EAGLE STREET CANNON PERFORMANCE SLIP-ON MUFFLERS – 4.5" – SATIN BLACK (SHOWN WITH SATIN BLACK TWO-PIECE END CAPS)



**B. SATIN BLACK EXHAUST SHIELD KIT** 

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.





C. TWO-PIECE MUFFLER END CAP KIT - 4.5" - CHROME





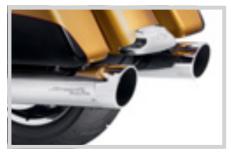
C. TWO-PIECE MUFFLER END CAP KIT - 4.5" - SATIN BLACK



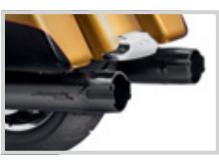
D. DEFIANCE COLLECTION MUFFLER END CAP KIT - 4.5" -CHROME



D. DEFIANCE COLLECTION MUFFLER END CAP KIT – 4.5" – GLOSS BLACK WITH HIGHLIGHTS



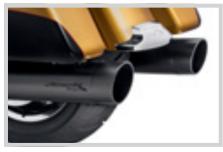
E. BLUNT SLASH UP/DOWN/OUT MUFFLER END CAP KIT – 4.5" – CHROME



D. DEFIANCE COLLECTION MUFFLER END CAP KIT – 4.5" – GLOSS BLACK ANODIZED



D. DEFIANCE COLLECTION MUFFLER END CAPS



E. BLUNT SLASH UP/DOWN/OUT MUFFLER END CAP KIT – 4.5" – SATIN BLACK

Milwaukee-Eight® Stage I Upgrade

#### C. TWO-PIECE MUFFLER END CAP KIT - 4.5"

Shaped to provide a complete finishing touch to the rear of your bike, these slash-cut end caps feature a reverse cone rolled edge for a massive solid billet look. The reverse cone opening hugs the internal slotted flash suppressor-inspired barrel for a weapons-grade style.

Fits '17-later Touring models equipped with 4.5" Screamin' Eagle® Street Cannon mufflers. Does not fit CVO™ Touring mufflers.

 65100078
 Chrome.

 65100076
 Satin Black.

D. DEFIANCE COLLECTION MUFFLER END CAP KIT – 4.5" Show your complete disregard for the rules. Anything but traditional, these forged aluminum muffler end caps add a new rebellious look to your bike. The deep longitudinal lines add visual length to the bike's profile, and the big, beefy look is the perfect complement to the Street Cannon 4.5" mufflers. Available in your choice of chrome, machine cut anodized black or full black finishes, this kit includes two end caps and all required mounting hardware.

Fits '17-later Touring models equipped with 4.5" Screamin' Eagle Street Cannon mufflers. Does not fit CVO Touring mufflers.

65100095	Chrome.
65100096	Gloss Black Anodized.
65100097 Gloss Black with Machined Highlights.	

#### E. BLUNT SLASH UP/DOWN/OUT MUFFLER END CAP KIT – 4.5"

These easy-to-install slash-cut end caps allow you to finish your 4.5" Screamin' Eagle Street Cannon mufflers your way. Sold in pairs. Installation hardware included.

Fits '17-later Touring models equipped with 4.5" Screamin' Eagle Street Cannon mufflers. Does not fit CVO Touring mufflers.

65100085 Chrome. 65100084 Satin Black

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Milwaukee-Eight® Stage I Upgrade

#### A. SCREAMIN' EAGLE® HIGH-FLOW EXHAUST SYSTEM WITH STREET CANNON MUFFLERS The Screamin' Eagle® High-Flow Exhaust system provides

The Screamin' Eagle® High-Flow Exhaust system provides bolt-on performance by reducing the catalyst restrictions and improving exhaust flow. This exhaust system is optimized for use with Screamin' Eagle Stage Kit-equipped Milwaukee-Eight® engines. The complete exhaust system starts with race shop-constructed oversized mandrel-bent and hand TIG-welded stainless steel head pipes, and flows through a unique crossover to improve the flow of spent cylinder gasses. The large inlet 4.5" Street Cannon mufflers feature baffles that are optimized for aggressive performance and sound under acceleration, and deliver a rich mellow note. The combination of tuned-flow headers and Street Cannon mufflers with relocated catalyst maximizes horsepower, maintains solid midrange torque numbers. Dial the system to your motorcycle by using the Screamin' Eagle Pro Street Tuner to tune your ECM specifically to match your performance upgrades. The complete system includes exhaust headers pre-tapped for standard or Screamin' Eagle wide-band O<sub>2</sub> sensors, large 4.5" diameter Street Cannon mufflers and matching exhaust heat shields. Complete the look with your choice of custom muffler end caps (sold separately). 50-State U.S. EPA compliant.

Fits '17-later Touring models. Does not fit Trike models. Separate purchase of Screamin' Eagle 4.5" end caps required. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation. See Dealer for details.

64800059	Chrome.
64800062	Satin Black.



A. SCREAMIN' EAGLE HIGH-FLOW EXHAUST SYSTEM WITH STREET CANNON MUFFLERS



A. SCREAMIN' EAGLE HIGH-FLOW EXHAUST SYSTEM WITH STREET CANNON MUFFLERS – CHROME (SHOWN WITH TWO-PIECE MUFFLER END CAPS)



A. SCREAMIN' EAGLE HIGH-FLOW EXHAUST SYSTEM WITH STREET CANNON MUFFLERS – SATIN BLACK (SHOWN WITH TWO-PIECE MUFFLER END CAPS)



A. HIGH-FLOW EXHAUST – CHROME



A. HIGH-FLOW EXHAUST - SATIN BLACK

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



**B. SCREAMIN' EAGLE STREET CANNON PERFORMANCE SLIP-ON MUFFLERS** (SHOWN WITH SLASH UP/DOWN/OUT END CAPS)



C. MUFFLER END CAPS - 4"

## **SCREAMIN' EAGLE® 435**

₿

Milwaukee-Eight® Stage I Upgrade

# B. SCREAMIN' EAGLE® STREET CANNON PERFORMANCE SLIP-ON MUFFLERS Cue the orchestra. We tuned these mufflers to provide an

exhaust note with some extra deep bass. You get the rumble you want and enhance that famous Harley sound, while preserving the peace with your neighbors. The tuned baffles work with the large internal volume to strike the perfect balance required to deliver performance that you can feel in your gut. The large 4.0" diameter Street Cannons provide free flow of exhaust gases with just the right amount of back pressure for a smooth-running ride. The die-cast Screamin' Eagle® medallion adds a rich touch to your bike's profile and a large selection of end cap designs are available (sold sepa-rately) to provide the perfect finishing touch. 50-State U.S. EPA compliant.

Fits '09-'16 Touring and '09-later Trike models (except CVO™ models and '10 FLHX and FLTRX models). Installation requires separate purchase of 4" end caps and Muffler Clamps P/N 65296-95A (Qty 2). All models require ECM calibration for proper installation. 17-later models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

64900186B Chrome. 64900187B Jet Black

#### C. MUFFLER END CAPS - 4"

These End Cap Kits allow you to personalize your Screamin' Eagle Street Performance Touring Mufflers. Available in your choice of styles, these easy-to-install caps are dressed with the same finish as the mufflers and exhaust shields for a consistent look front to back. Sold in pairs, the kit includes all required mounting hardware.

Fits '09-'16 Touring and '09-later Trike models equipped with Screamin' Eagle Street Cannon Touring 4" End Cap Mufflers. Does not fit 4" CVO Touring mufflers.

65100062	Short Slash.
65100016	Revolver.
65100015	Piston.
65100019	Slash Up/Down/Out.
65100018	Billet Tapered Slash.
65100017	Fishtail.
65100028	Satin Black Anodized.
80611-09	Blunt Revolver.

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Milwaukee-Eight® Stage II Upgrade

# THE BASICS

- Choose a **TORQUE CAM** or **POWER CAM** based on riding style
- A performance cam increases both the lift in the valve train (pushing the valve open farther) and the duration of the valve opening (how long the valve stays open)

When installed by an authorized Harley-Davidson<sup>®</sup> Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.

## STAGE II

# THE PERFORMANCE

#### **TORQUE KIT**

- The rider will feel up to a 15% increase in performance in the low to mid RPM range
- Experience crisp throttle response and acceleration that can be felt at slower speeds, perfect for passing slow moving vehicles without downshifting

#### POWER KIT

- The rider will feel up to a 25% increase in performance in the mid to upper RPM range
- Experience an adrenaline-pumping burst of speed while heading toward the red line







Ģ

#### A. SCREAMIN' EAGLE® MILWAUKEE-EIGHT® STAGE II – TORQUE KIT (CHROME COVERS SHOWN)

#### A. SCREAMIN' EAGLE® MILWAUKEE-EIGHT® STAGE II – TORQUE KIT

### ţ

This kit was developed for the budget-minded rider who wants to experience crisp throttle response and acceleration he or she can feel at slower speeds. The 5% increase in torque can be felt immediately off the line and continues to build by up to a 14% increase @ 4500 RPM – the ideal power band for passing slow-moving vehicles. **SF8-447 Cam** 

- Delivers enhanced torque and horsepower in the low to mid RPM range
- Produces passing power without a downshift or high revs
- Minimally invasive, only requiring opening of the cam chest
- Winning invasive, only requiring opening of the carrier
- Retains Original Equipment Factory Warranty
- 50-State U.S. EPA compliant **Pending approval for use**
- in California on '20 models. Refer to www.H-D.com/shop for status.

Fit's '18-later Softail<sup>®</sup> and '17-later Touring and Trike models. Not intended for use on '18-later CVO<sup>™</sup> Touring models. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. Installation may require Cam Spacer Kit P/N 25928-06. For '17-'18 Touring models, installation of Oil Pump Cover P/N 62400206 is recommended (sold separately). All models require ECM calibration with Screamin' Eagle<sup>®</sup> Pro Street Tuner for proper installation. See Dealer for details.

92500047	Chrome Covers.
92500074	Gloss Black Covers.

B. SCREAMIN' EAGLE MILWAUKEE-EIGHT STAGE II – POWER KIT (GLOSS BLACK COVERS SHOWN)

#### B. SCREAMIN' EAGLE MILWAUKEE-EIGHT STAGE II – POWER KIT

This kit was developed for the budget-minded rider who wants to experience that adrenaline-pumping burst of speed while heading toward the red line. The additional power starts to build @ 3000 RPM and continues to build by up to 24% at redline. Riding the bike aggressively will require downshifting to lower gears to keep the engine operating in the higher RPM range.

### SE8-462 Cam

- Ideal for riders looking for excitement and willing to ride in the
- upper RPM range
- Produces greater acceleration in the mid and upper RPM range
- Minimally invasive, only requiring opening of the cam chest
- Retains Original Equipment Factory Warranty
- SO-State U.S. EPA compliant Pending approval for use in California on '20 models. Refer to www.H-D.com/shop for status.

Fit's '18-later Softail and '17-later Touring models. Does not fit Trike models. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. Installation may require Cam Spacer Kit P/N 25928-06. For '17-'18 Touring models, installation of Oil Pump Cover P/N 62400206 is recommended (sold separately). All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation. See Dealer for details.

92500058 Chrome Covers. 92500075 Gloss Black Covers.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States. The street legal and/or street compliant statements may not apply to markets outside of the United States. Đ

#### Duration @ Part Lift @ Valve Timing @ .050" TDC Lift @ Valve .050" Description Number Intake/Exhaust Intake/Exhaust Lift Open/Closed Intake/Exhaust Intake: 7° ATDC/1° ABDC Stock 25400190 .350"/.374" Exhaust: 33° BBDC/14° BTDC Intake: 11° ATDC/19° ABDC CVO™ 25400273 .432"/.445 Exhaust: 47° BBDC/15° BTDC Intake: 0° ATDC/17° ABDC SE8-447 25400199 .447"/.462" Exhaust: 42° BBDC/5° BTDC TOROUE Intake: 7° ATDC/24° ABDC SE8-462 25400200 462"/463 POWER Exhaust: 53° BBDC/2° BTDC SE8-498 POWER Intake: 4° ATDC/33° ABDC 25400202 498"/.491" Included in Exhaust: 60° BBDC/7° BTDC Stage III Kit Front Cylinder Front Cylinder Intake: 2° BTDC/45° ABDC .515"/.513" SE8-515 Exhaust: 62° BBDC/7° ATDC POWFR 25400201 Included in Rear Cylinder Intake: 6° ATDC/45° ABDC Stage IV Kit Rear Cylinder .516"/.515" Exhaust: 61.5° BBDC/.5° ATDC

Theoretical, based on rocker arm ratio of 1.65. Valve train components, operation temperature and tolerance stack-up will affect actual lifts.

#### C. SCREAMIN' EAGLE PERFORMANCE CAM SPECS

## SCREAMIN' EAGLE® 437

₿

Milwaukee-Eight® Cams

#### C. MILWAUKEE-EIGHT® PERFORMANCE CAMS

### Screamin' Eagle® SE8-447 Cam – Torque

- Enhanced torque in the low to mid RPM band
- Ideal for a fully loaded bike
- Increased horsepower in the mid RPM range
  Responds well to roll-on throttle application
- Crisp throttle response and acceleration at lower speeds
- Can be used with stock valve springs
- 25400199

#### Screamin' Eagle SE8-462 Cam – Power

- Improved power in mid and upper RPM band
- Ideal for a fully loaded bike
- Thrilling acceleration and crisp throttle response
- Ideal for rider who likes to downshift and twist the throttle
- Responds well to aggressive throttle application
  Can be used with stock valve springs

#### 25400200

#### Screamin' Eagle SE8-498 Cam – Power

Replacement cam for models equipped with Screamin' Eagle® Milwaukee-Eight® Stage III Kits.

- · Improved acceleration on the straightaway
- Ideal for lighter bike with bigger displacement
- Exhilarating acceleration at high engine speeds.
- · Responds well to a healthy twist of the throttle
- · High-lift profile for complete filling of cylinders
- Requires Performance Valve Springs P/N 18100080

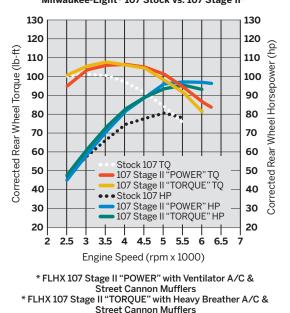
#### 25400202

Screamin' Eagle SE8-515 Cam

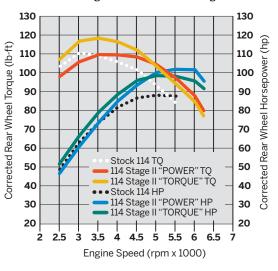
Replacement cam for models equipped with Screamin' Eagle Milwaukee-Eight 114Cl or 117Cl Stage IV Kits.

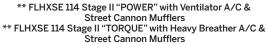
- Hard acceleration off the line
- Improved mid-range and high RPM horsepower
- Stump-pulling torque throughout the RPM band
- Significant increase in rear wheel torque and power
- High lift and long duration for complete cylinder filling
  Requires Performance Valve Springs P/N 18100080
- 25400201

## Milwaukee-Eight<sup>®</sup> 107 Stock vs. 107 Stage II\*



#### Milwaukee-Eight® 114 Stock vs 114 Stage II\*\*





Milwaukee-Eight® Stage II Upgrade

#### A. SCREAMIN' EAGLE® PREMIUM TAPERED QUICK-INSTALL ADJUSTABLE PUSHRODS These premium pushrods are tapered for enhanced clear-

The one-piece chrome mody tube adds rigidity and durability and the threaded adjustment feature provides easy cam installation without removing the cylinder heads or rocker boxes. To simplify adjustment, the tube features six flats, with one flat marked with a large dot for tracking the adjustment. The threaded rod features 4 flats to reduce wrench swing. Kit includes 4 pushrods and required pushrod tube covers.

Fits '18-later Softail® and '17-later Touring and Trike models.

17900073	With Black Covers.
17900058	With Chrome Covers.

#### B. SCREAMIN' EAGLE PERFORMANCE VALVE SPRING KIT

These performance beehive-shaped valve springs provide increased stiffness and strength in a compact design. Designed to support the installation of higher lift cams, these performance springs help maintain the stability of the valve train in high RPM conditions. Complete kit includes 8 springs, upper collars and keepers and lower collars with integral valve seals. Recommended for use with cam lifts greater than .470". **18100080** 

₿

₿

Fits '18-later Softail and '17-later Touring and Trike models.



A. SCREAMIN' EAGLE PREMIUM TAPERED QUICK-INSTALL ADJUSTABLE PUSHRODS – MILWAUKEE-EIGHT POWERTRAIN – BLACK COVERS



A. SCREAMIN' EAGLE PREMIUM TAPERED QUICK-INSTALL ADJUSTABLE PUSHRODS – MILWAUKEE-EIGHT POWERTRAIN – CHROME COVERS



Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

B. SCREAMIN' EAGLE PERFORMANCE VALVE SPRING KIT - MILWAUKEE-EIGHT POWERTRAIN

## STAGE III

## SCREAMIN' EAGLE® 439

Milwaukee-Eight<sup>®</sup> Stage III Upgrade

# THE BASICS

- An increase in engine displacement allows the engine to swallow more air and fuel, a higher-compression piston squeezes the air and fuel into a more volatile mixture and when combined, generates more power when ignited
- · Displacement increases are accomplished with larger cylinders, matching pistons and the proper cam upgrade

#### C. SCREAMIN' EAGLE® MILWAUKEE-EIGHT® **ENGINE STAGE III KIT**

This kit was developed for the rider looking for a solid seat of the pants increase you can feel - every time you roll on the throttle. The increase in displacement and the bump in compression deliver a significant increase in torque and power over stock while restoring the sensation of riding solo when taking that long trip with a passenger and luggage. The Stage III 107 to 114 upgrade delivers up to 39% more power, and the 114 to 117 upgrade increases power by up to 24% when compared to the Original Equipment engine configurations. The increased compression and cam upgrade will also deliver 17% improvement over a stock CVO117 configuration.

- Delivers increased throttle response throughout the entire RPM range
- · Produces flexible roll-on passing power without a required downshift
- · Delivers excellent stop-light to freeway speed on-ramp acceleration
- Retains Original Equipment Factory Warranty
- 50-State U.S. EPA compliant Pending approval for use in California on '20 models. Refer to www.H-D.com/shop
- for status.

Kits include the following Screamin' Eagle® components: - Screamin' Eagle 4.075" Bolt-On Cylinders

- Forged 11:1 High Compression Aluminum Coated Pistons
- High performance Piston Rings
- SE8-498 Cam
- Screamin' Eagle Performance Valve Springs
- Screamin' Eagle High Performance Tappets
- Multi-layer coated Head Gaskets
- Cylinder Base and Cam Cover Gaskets
- Screamin' Eagle Cam Bearing Upgrade
- Most necessary gaskets and seals

# THE PERFORMANCE

- · Riders will experience a performance increase throughout the entire RPM range, with up to a 35% increase in the mid to upper RPM range
- Produces instant passing power without downshifting
- · Delivers excellent stoplight to freeway speed and on-ramp acceleration

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not

impact the vehicle's limited warranty.

₿





#### Stage III - 107CI to 114CI

Fits '18-later Softail® and '17-later Touring models equipped with 107Cl Milwaukee-Eight® engine. Does not fit Trike models. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. Installation may require Cam Spacer Kit P/N 25928-06. For '17-'18 Touring models, installation of Oil Pump Cover P/N 62400206 is recommended (sold separately). All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation.

92500056	Black Highlighted.
00500070	Dissis Nissa di Bada Bada

92500070	Black Non-Highlighted.

#### Stage III - 114CI to 117CI

Fits '18-later Softail and '17-later Touring models equipped with 114Cl Milwaukee-Eight engine. Does not fit Trike models. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. Installation may require Cam Spacer Kit P/N 25928-06. For '17-'18 Touring models, installation of Oil Pump Cover P/N 62400206 is recommended (sold separately). All models require ECM calibration with Screamin Eagle Pro Street Tuner for proper installation.

92500072	Black Highlighted.
92500071	Black Non-Highlighted.

Stage III – 114Cl to 117Cl or 117Cl to 117Cl Fits '17-later CVO™ Touring models equipped with 114Cl or 117Cl Milwaukee-Eight engine. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. Installation may require Cam Spacer Kit P/N 25928-06. For 17-18 Touring models, installation of Oil Pump Cover P/N 62400206 is recommended (sold separately). All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation

92500057 Black Granite.

Milwaukee-Eight<sup>®</sup> Stage IV Upgrade

# THE BASICS

- Highest-level performance upgrade available to provide a maximum increase in displacement, compression and flow
- · Higher-flowing CNC ported cylinder heads and larger bore throttle body increase the velocity and feed large volumes of air and fuel into the engine, which maximizes power on a larger displacement engine
- Combines ported cylinder heads and larger throttle body in combination with cylinders, matching pistons and proper cam

#### A. SCREAMIN' EAGLE® MILWAUKEE-EIGHT® ENGINE STAGE IV KIT

This Stage IV Kit was developed to deliver maximum horse-power from the Milwaukee-Eight® engine – all the way to the redline. The system-matched combination of larger displacement cylinders, free-flowing CNC-ported cylinder heads and a cam with the highest available valve lift are the starting point to building the perfect engine for the performance in point of the large 64mm bore throttle body and high-flow injectors provides great acceleration from first gear through sixth and exceptional response at the twist of the throttle. Designed for a high level of flexibility, this package is ideal for riders who want stump-pulling torque throughout the rpm range and also crave plenty of arm-pulling acceleration when you whack the throttle. The Stage IV 107 to 114 upgrade delivers up to 52% more power, and the 114 to 117 upgrade increases power by up to 40% when compared to the Original Equipment engine configurations.

- · Delivers increased response throughout the entire RPM range
- Provides thrilling acceleration when twisting the throttle
- · Maintains flat torque curve from cruising RPM to redline
- · Can be installed without removing the engine from the chassis
- Retains Original Equipment Factory Warranty
- 50-State U.S. EPA compliant Pending approval for use in California on '20 models. Refer to www.H-D.com/shop for status.

#### Kits includes:

- Screamin' Eagle<sup>®</sup> CNC Ported Cylinder Heads with Performance Valve Springs
- Screamin' Eagle 64mm Throttle Body
- Screamin' Eagle High Flow Injectors (5.5g/s)
- Screamin' Eagle 4.075" Bolt-On Cylinders
- Forged 11:1 High Compression Aluminum Coated Pistons
- High Performance Piston Rings
- SE8-515 Cam
- Screamin' Eagle Cam Bearing Upgrade
- Screamin' Eagle High Performance Tappets Multi-layer Coated Head Gaskets
- Most necessary gaskets and seals

## Stage IV - 107Cl to 114Cl - Air/Oil-Cooled

**92500062** Black Highlighted. Fits '18-later Softail® and '17-later Touring models equipped with air/oil-cooled 107CI Milwaukee-Eight engine. Does not fit Trike models. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. For '17 and '18 Touring models, installation of oil pump cover P/N 62400206 is recommended (sold separately). Installation may require Cam Spacer Kit P/N 25928-06. All models require ECM calibration with Screamin' Eagle® Pro Street Tuner for proper installation.

### Stage IV – 114CI to 117CI – Air/Oil-Cooled

#### 92500073 Black Highlighted.

Fits '18-later Softail® and '19-later Touring models equipped with air/oilcooled 114Cl Milwaukee-Eight engine. Does not fit Trike models. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. For '17 and '18 Touring models, installation of oil pump cover P/N 62400206 is recommended (sold separately). Installation may require Cam Spacer Kit P/N 25928-06. All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation.

STAGE IV

B

# THE PERFORMANCE

 The rider will feel exceptional acceleration, delivering significant gains and up to a 40% increase in the higher RPM range, when compared to the Original Equipment engine configurations.

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.



### Stage IV - 117Cl to 117Cl - Air/Oil-Cooled

92500076

92500076 CVO Black Granite. Fits '18-later CVO™ FLHXSE and FLTRXSE models equipped with air/oil cooled 117CI Milwaukee-Eight engine. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. Installation may require Cam Spacer Kit P/N 25928-06. For '17 and '18 Touring models, installation of oil pump cover P/N 62400206 is recommended (sold separately). All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation.

### Stage IV – 107CI to 114CI – Twin-Cooled™

92500060 Black Highlighted.

Fits '17-'18 later Touring models equipped with Twin-Cooled 107Cl Milwaukee-Eight engine. Does not fit Trike models. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. Installation may require Cam Spacer Kit P/N 25928-06. For '17 and '18 Touring models, installation of oil pump cover P/N 62400206 is recommended (sold separately). All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation.

#### Stage IV - 114CI to 117CI or 117CI to 117CI - Twin-Cooled

Fits 17-later CVO Touring models equipped with 114Cl or 117Cl Twin-Cooled Milwaukee-Eight engine. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. Installation may require Cam Spacer Kit P/N 25928-06. For '17 and '18 Touring models, installation of oil pump cover P/N 62400206 is recommended (sold separately). All models require ECM calibration with Screamin' Eagle Pro Street Tuner for proper installation. 92500088

Black Highlighted. 92500064 CVO Black Granite.



B. SCREAMIN' EAGLE STAGE INSERTS - 107 STAGE 1 (SHOWN ON SCREAMIN' EAGLE TIMER COVER BASE)



B. SCREAMIN' EAGLE STAGE INSERTS & TIMER COVER BASE

Milwaukee-Eight® Stage Inserts

#### **B. SCREAMIN' EAGLE® STAGE INSERTS**

Showcase your bike's performance enhancements with the Screamin' Eagle® Stage Inserts. The Stage Inserts are made to complement the Screamin' Eagle Timer Cover Base (sold separately).

Fits '18-later Softail® and '17-later Touring and Trike models equipped with Screamin' Eagle Timer Cover Base P/N 25600117.

1. 25600118	107 Stage I.
2.25600119	107 Stage II.
3. 25600132	114 Stage I.
4. 25600120	114 Stage II.
5. 25600121	114 Stage III.
6. 25600122	114 Stage IV.
7. 25600123	117 Stage II.
8. 25600124	117 Stage III.
9. 25600125	117 Stage IV.

#### Shown with:

#### **10. SCREAMIN' EAGLE TIMER COVER BASE**

Showcase your bike's performance enhancements with the Screamin' Eagle Timer Cover Base. Start with this black Timer Cover and then select a Screamin' Eagle Stage Upgrade Insert that matches your engine size and Stage upgrades. (Inserts sold separately.)

#### 25600117

Fits '18-later Softail and '17-later Touring and Trike models. Requires separate purchase of Screamin Eagle Stage Insert.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage Upgrades

# **TWIN CAM POWERTRAIN**

Screamin' Eagle<sup>®</sup> Stage upgrades offer complete street-compliant performance configurations engineered to generate specific torque and horsepower gains. Eliminating all the guesswork and trial-and-error testing normally associated with engine modifications, Stage upgrades include everything you need to enhance your bike's performance.



### STAGE I

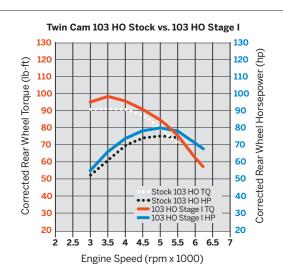
#### **INTAKE + EXHAUST + TUNING**

The easiest and most cost-effective step to improve your motorcycle's performance is to increase the airflow into and out of the engine. A high-flow air cleaner and system-matched slip-on muffles provide horsepower and torque improvements you can feel throughout the RPM range, and serve as the core components for all performance upgrades. ECM calibration is required to tune the fuel flow and timing required to accommodate the improved airflow.

**Stage I** upgrade can be installed without engine disassembly. No special tools are required. Requires ECM tuning.







Twin Cam Stage Upgrades

## STAGE II

## STAGE I + CAM UPGRADE

Adding performance cams to a Stage I equipped bike is the next step to improved performance. Cam choices allow you to tailor the engine's performance to your specific needs. A torque cam offers on-demand throttle response from low to mid RPM at cruising speed. A power cam targets high-RPM, wide-open throttle response that keeps pulling right up to redline. ECM calibration tuning is required to accommodate the increased valve timing, and performance valve springs may be required for high-lift cams.

**Stage II** upgrade requires minor engine disassembly to replace the cam. Adjustable pushrods allow cam installation without removing the rocker box. Special tools and ECM tuning are required.





## **STAGE III**

## STAGE I + CAMS, BIG BORE CYLINDERS & PISTONS

The next step on the performance journey is to build a bigger engine. An increase in engine displacement allows the engine to swallow more air and fuel, a highercompression piston squeezes the air/fuel into a more volatile mixture, and when combined, generates more power when ignited. A displacement and compression increase provides torque increases throughout the entire RPM range with a 15-25% improvement in the mid-range power. ECM calibration tuning is required to adjust fuel flow and timing to accommodate the increased displacement.

**Stage III** bolt-on upgrade requires removal of the engine's top end and opening the cam chest. Engine remains in the chassis and no machining is required. Special tools and ECM tuning are required.





## **STAGE IV**

# STAGE I + CAMS, BIG BORE CYLINDERS, PISTONS, CYLINDER HEADS & THROTTLE BODY

To maximize the impact of the increased displacement gained with Stage III updates, the addition of free-flowing ported cylinder heads and a big bore throttle body top off the performance build. Designed to satisfy the high-RPM, throttle-twisting rider, the Stage IV update delivers 20-30% increase in power that keeps pulling right up to the redline, without sacrificing mid-range torque. ECM calibration tuning is required to add more fuel, and a higher-lift cam may be required to deliver maximum power.

**Stage IV** bolt-on upgrade requires removal of the engine's top end and opening the cam chest. Engine remains in the chassis and no machining is required. Special tools and ECM tuning are required.



Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



Twin Cam Stage I Upgrade

## A. SCREAMIN' EAGLE® HEAVY BREATHER ELITE PERFORMANCE AIR CLEANER KIT Really open it up. This Heavy Breather Elite Air Cleaner

Really open it up. This Heavy Breather Elite Air Cleaner features a forward-facing filter element that flows huge volumes of clean air. The low-profile cast elbow and the oval cross-section element combine to hug the engine to provide increased leg room. The intake tube mounts to a custom back plate that features integral breathers and covers the throttle body and electronics for a finished look. Available in your choice of chrome or gloss black finish, the Heavy Breather Elite kit features a washable and re-chargeable filter and features bright chrome end caps and trim with Screamin' Eagle script. Kit includes filter, intake tube, custom back plate, water-repellent rain sock and all mounting hardware. 50-State U.S. EPA compliant.

Fits '16-'17 FXDLS and Softail®, '11-'17 CVO™ Softail and '14-'16 Touring and Freewheeler® models. Does not fit models equipped with Twin-Cooled™ engine, fairing lower glove boxes or fairing lower speakers. Also fits '16-'17 FXDLS and Softail, '14-'17 CVO Softail and '14-'16 Touring models equipped with Screamin' Eagle® 58mm Throttle Body. All models require ECM calibration for proper installation. '17-later models require ecalibration with Screamin' Eagle Pro Street Tuner (sold separately).

29400173	Chrome.
29400285	Full Gloss Black.

NOTE: The washable and rechargeable filter uses a special coating to help filter fine particles from the incoming air. With time, the oil in the filter will dissipate and the element will begin to turn gray. The original red color can be restored with an application of K&N<sup>®</sup> Air Filter Oil.



A. SCREAMIN' EAGLE HEAVY BREATHER ELITE PERFORMANCE AIR CLEANER KIT -CHROME



A. SCREAMIN' EAGLE HEAVY BREATHER ELITE PERFORMANCE AIR CLEANER KIT – FULL GLOSS BLACK



Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

A. SCREAMIN' EAGLE HEAVY BREATHER ELITE PERFORMANCE AIR CLEANER KIT



B. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER KIT – CHROME



B. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER KIT – GLOSS BLACK

Twin Cam Stage I Upgrade

## B. SCREAMIN' EAGLE® HEAVY BREATHER PERFORMANCE AIR CLEANER KIT This high-flow forward-facing exposed element Air Cleaner Kit

This high-flow forward-facing exposed element Air Cleaner Kit is sure to turn heads at the starting line. Featuring a polished elbow and exposed filter, this unique air cleaner system offers improved performance and airflow when compared to the stock or Screamin' Eagle® High-Flow Air Cleaner. The washable and rechargeable filter features a bright chrome end cap with a laser-engraved Screamin' Eagle logo. Intake tube and are polished and chrome-plated or painted black for a brilliant finish. The back plate features integral breathers and sealed breather bolt plug. Kit includes a water-repellent rain sock and all mounting hardware. 50-State U.S. EPA compliant.

Fits '16-'17 Softail<sup>®</sup>, '11-'17 CVO™ Softail, '08-'16 Touring and '15-'16 Freewheeler<sup>®</sup> models. Also fits '16-'17 FXDLS and Softail, '14-'17 CVO Softail and '14-'16 Touring models equipped with Screamin' Eagle 58mm Throttle Body. Does not fit models equipped with fairing lower glove boxes or faiing lower speakers. Does not fit Twin-Cooled<sup>™</sup> models. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

**29253-08C** Chrome. **29006-09C** Gloss Black.

Fits '08-'16 Touring and '15-'16 Freewheeler models equipped with Fairing Lower Glove Boxes (except Twin-Cooled models or models equipped with fairing lower speakers). Also fits '16-'17 FXDLS and Softail, '14-'17 CVO Softail and '14-'16 Touring models equipped with Screamin' Eagle 58mm Throttle Body. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

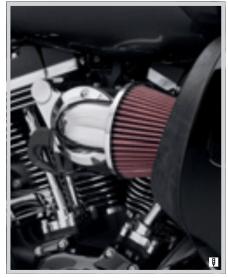
28716-10A Compact Design – Chrome.

Fits '08-'17 Dyna® (except '16-'17 FXDLS) and '08-'15 Softail models (except '14-'15 FLSTNSE, '11-'12 FLSTSE and '13-'14 FXSBSE). All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

29299-08A Chrome

29098-09A Gloss Black

NOTE: The washable and rechargeable filter uses a special coating to help filter fine particles from the incoming air. With time, the oil in the filter will dissipate and the element will begin to turn gray. The original red color can be restored with an application of K&N<sup>®</sup> Air Filter Oil.



B. SCREAMIN' EAGLE HEAVY BREATHER AIR CLEANER KIT - COMPACT



B. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER KIT – CHROME



B. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER KIT – GLOSS BLACK

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage I Upgrade

## A. SCREAMIN' EAGLE® HEAVY BREATHER

FILTER COVER – TEARDROP Dress up the Heavy Breather Air Cleaner with this radical cover. Manufactured from forged aluminum and precision CNC-machined and polished, these easy-to-install two-piece covers add a rich custom look. Cover is available in mirrorchrome or cut back gloss black finish to match your customizing direction. Kit includes water-repellent rain sock.

Fits models equipped with Screamin' Eagle® Heavy Breather Air Cleaner Kits (except Compact Heavy Breather P/N 28716-10A, Heavy Breather Elite P/N 29400173, 29400172 or 29400285, and Milwaukee-Eight® Heavy Breather P/N 29400263 or 29400264).

29400061A	Cut Back Gloss Black – Side Logo.
28739-10A	Cut Back Gloss Black – End Logo.
28740-10A	Chrome – End Logo.

## B. SCREAMIN' EAGLE HEAVY BREATHER DECORATIVE ENDCAP - WILLIE G SKULL

Add a sinister touch to your Heavy Breather Air Cleaner. Chrome-plated self-adhesive cover features a forward-facing Willie G Skull medallion.

## 28720-10

Fits models equipped with Screamin' Eagle Heavy Breather Air Cleaner Kits (except Compact Heavy Breather P/N 28716-10A, Heavy Breather Elite P/N 29400173, 29400172 or 29400285, and Milwaukee-Eight Heavy Breather P/N 29400263 or 29400264).

## C. SCREAMIN' EAGLE HEAVY BREATHER

**DECORATIVE MEDALLION** Add the finishing touch to your Heavy Breather Air Cleaner by installing this medallion. Featuring a bright chrome-plated die-cast base and contrasting black inlay with diamond-cut Screamin' Eagle script. Easy to install.

## 29017-09

Fits models equipped with Screamin' Eagle Heavy Breather Air Cleaner Kits (except Compact Heavy Breather P/N 28716-10A, Heavy Breather Elite P/N 29400173, 29400172 or 29400285, and Milwaukee-Eight Heavy Breather P/N 29400263 or 29400264).

## D. THROTTLE BODY COVER

This cover dresses the area between the Twin Cam cylinders for a custom look. The formed cover hugs the contour and conceals the electronic control module throttle body for a clean appearance. Available in your choice of mirror chrome or gloss black finish. Easy-to-install kit includes gaskets.

Fits '14-'15 FLSTNSE, '11-'12 FLSTSE, '13-'14 FXSBSE, and '16-'17 FXDLS and Softail®, '08-'16 Touring and Trike models equipped with Screamin' Eagle Heavy Breather or Burst Air Cleaner Kit.

61300109	Chrome.	
61300110	Gloss Black.	



A. SCREAMIN' EAGLE HEAVY BREATHER FILTER COVER -TEARDROP, CUT BACK GLOSS BLACK - SIDE LOGO



A. SCREAMIN' EAGLE HEAVY BREATHER FILTER COVER – TEARDROP, CHROME



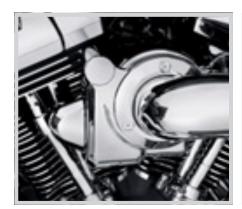
A. SCREAMIN' EAGLE HEAVY BREATHER FILTER COVER – TEARDROP, CUT BACK GLOSS BLACK



B. SCREAMIN' EAGLE HEAVY BREATHER DECORATIVE ENDCAP - WILLIE G SKULL



C. SCREAMIN' EAGLE HEAVY BREATHER DECORATIVE MEDALLION





**D. THROTTLE BODY COVERS** 

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



E. SCREAMIN' EAGLE VENTILATOR ELITE AIR CLEANER KIT - CHROME







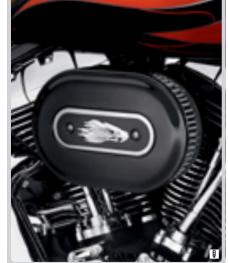
0000

1.1 + + + +

**CLEANER KIT** 



F. SCREAMIN' EAGLE VENTILATOR PERFORMANCE AIR CLEANER KIT -CHROME



F. SCREAMIN' EAGLE VENTILATOR **PERFORMANCE AIR CLEANER KIT -GLOSS BLACK** 

# **SCREAMIN' EAGLE® 447**

Twin Cam Stage I Upgrade

## E. SCREAMIN' EAGLE® VENTILATOR ELITE B AIR CLEANER KIT This low-profile oval air cleaner features a 360° exposed filter

element and a cast back plate designed to provide maximum airflow to the throttle body. This easy-to-install air cleaner produces significant performance gains, while the sleek center bar design cover with carbon fiber inserts add a luxurious touch. This complete kit includes low-profile air cleaner cover, high-flow filter element, back plate, diamondcut Screamin' Eagle® medallion, protective rain sock and all required installation hardware. Street compliant when used with stock mufflers. 50-State U.S. EPA compliant.

Fits '16-'17 FXDLS and Softail<sup>®</sup> and '09-'16 Touring and Trike models. Also fits '11-'17 CVO™ Softail models. All EFI models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

#### 29400217 Chrome.

29400218 Gloss Black.

Fits '16-'17 FXDLS and Softail, '14-'17 CVO Softail and '14-'16 Touring and Trike models equipped with Screamin' Eagle 58mm Throttle Body. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

29400219 Chrome. 29400230 Gloss Black.

## Also available:

## SCREAMIN' EAGLE VENTILATOR ELITE AIR CLEANER COVER

Add a luxurious finishing touch to your Ventilator Air Cleaner. Designed as a direct replacement for the Screamin' Eagle and CVO Ventilator Air Cleaners, this easy-to-install cover features a sleek center bar design surrounded with carbon fiber inserts. Kit includes low-profile cover, diamond-cut Screamin' Eagle medallion and chrome mounting hardware.

Fits '10-'17 Dyna<sup>®</sup>, '09-'16 Softail, '09-'16 Touring and Trike models equipped with Ventilator Air Cleaner Kits. Also fits Dyna High Output 103 and CVO models with Original Equipment Ventilator Air Cleaner.

61300516 Chrome 61300517

Gloss Black

## F SCREAMIN' FAGLE VENTILATOR PERFORMANCE AIR CLEANER KIT

Stylish low-profile exposed element air cleaner kit provides increased airflow to boost the power of your fuel-injected engine. The track-inspired exposed element adds a purposeful look to the bike and the included waterproof rain sock protects the filter during inclement weather. This easy-to-install kit includes low-profile air cleaner cover, high-flow filter element, back plate, Screamin' Eagle badge, protective rain sock and all required installation hardware. 50-State U.S. EPA compliant.

Fits '10-'17 Dyna (except '16-'17 FXDLS), and '10-'15 Softail models (except '14-'15 FLSTNSE, '11-'12 FLSTSE and '13-'14 FXSBSE). All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

28721-10	Chrome.	
28722-10	Gloss Black.	

₿

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage I Upgrade

A. SCREAMIN' EAGLE® EXTREME BILLET IN CLEANER KIT IN The proven, track-inspired exposed element Ventilator Air Cleaner with a unique look. This low-profile oval air cleaner features a 360° exposed filter element for maximum airflow and a stylish machined billet aluminum cover for style. Available in your choice of chrome or cut back gloss black finish, the two-piece billet cover surrounds the filter and features a full color Screamin' Eagle® medallion. The cast back plate ensures smooth airflow to the throttle body and the included rain sock protects the filter and engine from drawing in moisture during inclement weather. This easy-to-install kit includes billet air cleaner cover, high-flow filter element, back plate, protective rain sock and all required installation hard-ware. 50-State U.S. EPA compliant.

Fits '16-'17 FXDLS and Softail<sup>®</sup> and '09-'16 Touring and Trike models. Also fits '11-'17 CVO™ Softail models. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

29400163	Chrome.

29400164 Cut Back Gloss Black.

Fits '16-'17 FXDLS and Softail, '14-'17 CVO Softail and '14-'16 Touring and Trike models equipped with Screamin' Eagle 58mm Throttle Body. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

29400223	Chrome.
29400224	Cut Back Gloss Black.

Fits '10-'17 Dyna® (except '16-'17 FXDLS), and '10-'15 Softail models (except '14-'15 FLSTNSE, '11-'12 FLSTSE and '13-'14 FXSBSE). All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

29400167	Chrome.
29400168	Cut Back Gloss Black.

NOTE: The washable and rechargeable filter uses a special coating to help filter fine particles from the incoming air. With time, the oil in the filter will dissipate and the element will begin to turn gray. The original red color can be restored with an application of K&N® Air Filter Oil.



A. SCREAMIN' EAGLE EXTREME BILLET VENTILATOR AIR CLEANER KIT -CHROME



A. SCREAMIN' EAGLE EXTREME BILLET VENTILATOR AIR CLEANER KIT -CUT BACK GLOSS BLACK



A. SCREAMIN' EAGLE EXTREME BILLET VENTILATOR AIR CLEANER KIT – CHROME



A. EXTREME BILLET VENTILATOR AIR CLEANER KIT (SHOWN WITH RAIN SOCK)

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



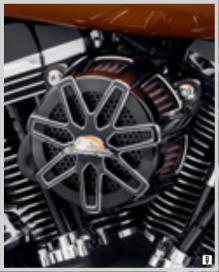
B. EXTREME BILLET AIR CLEANER KIT – AGITATOR, CHROME



**B. EXTREME BILLET AIR CLEANER KIT -**AGITATOR, CUT BACK GLOSS BLACK



**B. EXTREME BILLET AIR CLEANER KIT -**CHISEL, CHROME



**B. EXTREME BILLET AIR CLEANER KIT -**CHISEL, CUT BACK GLOSS BLACK







**B. EXTREME BILLET AIR CLEANER KIT** (SHOWN WITH RAIN SOCK)

# **SCREAMIN' EAGLE® 449**

Twin Cam Stage I Upgrade

## **B. SCREAMIN' EAGLE® EXTREME BILLET** Ş AIR CLEANER KIT The forged billet aluminum cover tops off a cast back plate

with integral breather for a smooth transition to the throttle body. The race-inspired air cleaner is engineered to flow high volumes of air and the washable pleated element provides the ideal combination of efficiency and engine protection. Available in your choice of style and finish, this easy-to-install kit includes all mounting hardware and rain sock. 50-State U.S. EPA compliant.

Fits '16-'17 FXDLS and Softail® and '08-'16 Touring and Trike models with Original Equipment 50mm Throttle Body. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle® Pro Street Tuner (sold separately).

29400064	Agitator – Chrome.
29400063	Agitator – Cut Back Gloss Black.
29400104	Chisel – Chrome.
29400103	Chisel – Cut Back Gloss Black.
-	

Fits '16-'17 FXDLS and Softail, '14-'17 CVO™ Softail and '14-'16 Touring and Trike models equipped with Screamin' Eagle 58mm Throttle Body. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately). 

29400221	Chisei – Chrome.
29400220	Chisel – Cut Back Gloss Black.

Fits '08-'17 Dyna® (except '16-'17 FXDLS), and '08-'15 Softail models (except '14-'15 FLSTNSE, '11-'12 FLSTSE and '13-'14 FXSBSE). All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

29400116 Chisel – Cut Back Gloss Black. Chisel – Chrome. 29400117

NOTE: The washable and rechargeable filter uses a special coating to help filter fine particles from the incoming air. With time, the oil in the filter will dissipate and the element will begin to turn gray. The original red color can be restored with an application of K&N^{\tiny (0)} Air Filter Oil.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage I Upgrade

A. SCREAMIN' EAGLE® HIGH-FLOW I AIR CLEANER – TWIN CAM The High-Flow Air Cleaner Kit provides increased airflow to boost the power of your fuel-injected model. Kit features a one-piece cast back plate with integral breather and mounting brackets for simplified installation and a synthetic washable air cleaner element that does not require oiling. Available with a brilliant chrome or black back plate, this round air cleaner element can be dressed with most Original Equipment or accessory air cleaner covers. Or choose to flaunt your performance gains with the open element look, and finish it off with a Rain Sock Kit P/N 28728-10 and custom Air Cleaner Trim from one of the Harley-Davidson® decorative collections. This kit includes air cleaner, back plate, breather and all required hardware. 50-State U.S. EPA compliant.

Fits '16-'17 Softail<sup>®</sup> and '14-'16 Touring and Trike models (except CVO™ Touring) with Original Equipment 50mm Throttle Body. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle® Pro Street Tuner (sold separately).

#### 29400234 Chrome.

#### 29400233 Texture Black.

Fits '08-'15 Softail models (except CVO Softail). Also fits 108-17 Dyna® models (except '16-17 FXDLS) equipped with accessory Air Cleaner Cover. Also fits '04-'07 EFI Dyna, '01-'07 EFI Softail, and '02-'07 EFI Touring. FXS, FLS, FLSTSB and 13-17 FXDB models require separate purchase of Gasket P/N 29591-99 and Screw P/N 29703-00. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

#### 29400240 Chrome. 29400239 Texture Black

Fits '08-'15 Dyna models with Original Equipment Teardrop Air Cleaner Cover. All models require ECM calibration for proper installation

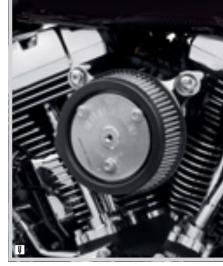
29400236	Chrome.
29400235	Texture Black.
	ouring and Trike models (except CV)

O Touring) All models require ECM calibration for proper installation. 29400238

### Chrome. Texture Black. 29400237

Fits '16-'17 FXDLS and Softail, '14-'17 CVO Softail, and '14-'16 Touring and Trike models equipped with Screamin' Eagle 58mm EFI Throttle Body. Requires separate purchase of an Accessory Air Cleaner Cover. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

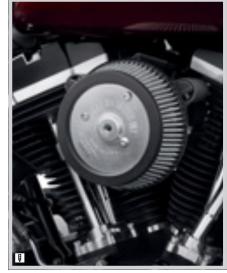
29400222 Raw Aluminium



A. HIGH-FLOW AIR CLEANER KIT - CHROME (29400234 SHOWN)



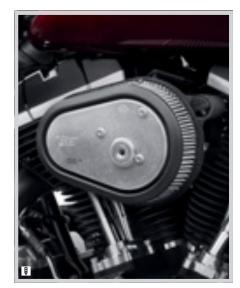
A. HIGH-FLOW AIR CLEANER KIT - BLACK (29400233 SHOWN)



A. HIGH-FLOW AIR CLEANER KIT - BLACK (29400239 SHOWN)



A. HIGH-FLOW AIR CLEANER KIT - CHROME (29400240 SHOWN)

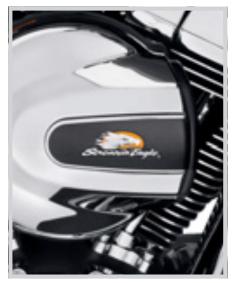


A. HIGH-FLOW AIR CLEANER KIT - BLACK (29400235 SHOWN)



A. HIGH-FLOW AIR CLEANER KIT - CHROME (29400236 SHOWN)

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



B. SCREAMIN' EAGLE AIR CLEANER TRIM (61300299 SHOWN)



B. SCREAMIN' EAGLE AIR CLEANER TRIM (29503-07 SHOWN)



C. SCREAMIN' EAGLE AIR CLEANER RAIN SOCK (SHOWN WITH #1 SKULL AIR CLEANER TRIM)

# SCREAMIN' EAGLE® 451

Twin Cam Stage I Upgrade

## B. SCREAMIN' EAGLE® AIR CLEANER TRIM

Dress your air cleaner in the traditional H-D orange and black. Easy-to-install trim features Screamin' Eagle script set against a gloss black background.

## 61300299

Fits '16-'17 Softail® (except FLSTFBS and FXSE) and '14-'16 Touring and Trike models with Original Equipment air cleaner cover. Does not fit CVO™ models.

## 29503-07

Fits '07 Dyna®, '07-'15 Softail (except FLSTSB and FXS), '07-'13 Touring and Trike models models with Original Equipment air cleaner cover.

## C. SCREAMIN' EAGLE AIR CLEANER RAIN SOCK

Add the open-element look to your Screamin' Eagle® High-Flow style Air Cleaner. This easy-to-install kit allows you to replace the traditional Original Equipment air cleaner cover with custom inserts from one of the H-D® Decorative Collections. Kit includes a breathable mesh cover with classic Bar & Shield logo that stretches over the filter to maximize airflow while protecting the exposed element from the rain. Fits traditional cone-shaped air cleaner elements featured in many Screamin' Eagle Twin Cam Stage Kits.

**28728-10** Fits Screamin' Eagle Round High-Flow Air Cleaner Kits.

## D. SCREAMIN' EAGLE AIR CLEANER

## BACK PLATE KITS

Finished in brilliant chrome or wrinkle black, these replacement back plates complement the finish of your engine. Cast back plate design features integral breather and mounting brackets for simplified installation.

Fits models equipped with Screamin' Eagle High-Flow Air Cleaner Kits. Installation may require separate purchase of (2) O-Ring P/N 11292, (2) Breather Tube P/N 29557-05 and (2) Breather Screw P/N 29465-99. See your Dealer for details.

Fits '99-'07 Dyna, '99-'15 Softail (except '11-later CVO) and '02-'07 Touring models.

29510-05	Chrome.
29586-06	Wrinkle Black.
Fits '08-'13	Touring and Trike models.
29624-08	Chrome.
29319-08	Wrinkle Black.
	Dyna models (except '16-'17 FXDLS) with Original Teardrop Air Cleaner Cover.
29170-08	Chrome.
29119-08	Wrinkle Black.

₿



D. SCREAMIN' EAGLE AIR CLEANER BACK PLATE KITS

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage I Upgrade

## A. SCREAMIN' EAGLE® STREET PERFORMANCE SLIP-ON MUFFLERS - DYNA® SHORTY DUAL Factory engineers tuned these pipes to satisfy the most

discriminating Harley enthusiast. Mufflers feature highflowing internals to maximize performance and a rich, deep exhaust note that lets everyone know you're around. With the aggressive sound quality and performance comparable to Screamin' Eagle® II race-use mufflers, it's hard to believe they are street compliant. Available in your choice of rich chrome or heat-resistant jet black ceramic finish. Jet black mufflers Screamin' Eagle logo along the flank. Chrome mufflers allow for the reuse of stock muffler shield with a deep embossed Screamin' Eagle logo along the flank. Chrome mufflers allow for the reuse of stock muffler shields or the separate purchase of Chrome "Screamin' Eagle" Script Muffler Shields. 50-State U.S. EPA compliant.

₿

Ę

Fits '07-'17 FXDB, '07-'10 FXD, '07-'14 FXDC, '07-'13 FXDL and '07-'08 FXDWG models with Shorty Dual exhaust. Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2). All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

80678-08	Chrome.
80794-10A	Jet Black w/ Muffler Shields.

## **B. SCREAMIN' EAGLE STREET PERFORMANCE** MUFFLERS – DYNA STAGGERED DUAL Make your statement before they see you coming. The throaty

Screamin' Eagle Street Performance sound sets the tone and the bold styling drives the note home. One-of-a-kind ballistic inlet shape flows back past the embossed Screamin' Eagle logo to the unique "Blunt Revolver" end treatment. Available in your choice of brilliant chrome or tough jet black ceramic finish, the mufflers feature complementing end caps with cutout chambers that expose the finish below for a bold contrast. Complete the look with Jet Black Exhaust Shields (sold separately). 50-State U.S. EPA compliant.

Fits '08-'17 FXDF and '10-'17 FXDWG models. Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2). All models require ECM calibration for proper installation, '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

80674-08A	Chrome w/	Black End	Caps.

80601-09A	Jet Black w/ Chrome End Caps.



A. SCREAMIN' EAGLE STREET PERFORMANCE SLIP-ON SHORTY DUAL MUFFLERS - CHROME



A. SCREAMIN' EAGLE STREET PERFORMANCE SLIP-ON SHORTY DUAL MUFFLERS – JET BLACK WITH MUFFLER SHIELDS (SHOWN WITH JET BLACK EXHAUST SHIELD KIT)



B. SCREAMIN' EAGLE STREET PERFORMANCE STAGGERED DUAL MUFFLERS – CHROME WITH BLACK END CAPS



B. SCREAMIN' EAGLE STREET PERFORMANCE STAGGERED DUAL MUFFLERS – JET BLACK WITH CHROME END CAPS (SHOWN WITH JET BLACK EXHAUST SHIELD KIT)

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



C. SCREAMIN' EAGLE NIGHTSTICK 2-INTO-1 SLIP-ON MUFFLERS - FLD MODELS



C. SCREAMIN' EAGLE NIGHTSTICK 2-INTO-1 SLIP-ON MUFFLERS – FXDL MODELS (SHOWN WITH JET BLACK EXHAUST SHIELD KIT)



D. JET BLACK EXHAUST SHIELD KIT



E. JET BLACK EXHAUST SHIELD KIT – DYNA STAGGERED DUAL



F. JET BLACK EXHAUST SHIELD KIT

Twin Cam Stage I Upgrade

## C. SCREAMIN' EAGLE® NIGHTSTICK 2-INTO-1 SLIP-ON MUFFLERS – DYNA® Tuned by the factory for the ultimate combination of improved

Tuned by the factory for the ultimate combination of improved performance, rich tone and legal sound levels, these 50-state street compliant slip-on mufflers are the perfect match for your Dyna® Switchback™ or Low Rider® model. The highflow design of the external diffusion discs produces plenty of low-end "guts" to get your bike away from the light and a fat torque curve that gets you quickly around slow-moving traffic. The flared opening, multiple stainless steel diffusion discs and domed end cap deliver an aggressive raspy sound. Available in mirror chrome and jet black finish, these long and lean pipes feature an embossed Screamin' Eagle logo. Easy to install. 50-State U.S. EPA compliant.

Fits '12-'16 FLD models. All models require ECM calibration for proper installation.

## 80872-12 Chrome. 64900137 Jet Black

Fits '14-'17 FXDL models. Does not fit FXDLS. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle® Pro Street Tuner (sold separately).

64900243 Chrome. 64900242 Jet Black.

## D. JET BLACK EXHAUST SHIELD KIT -

## DYNA SHORTY DUAL

Extend the custom look along the bike's entire profile. These formed steel exhaust shields are available in a unique jet black ceramic finish that complements jet black Screamin' Eagle® Street Performance Slip-On Mufflers. This exhaust shield kit has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exact fit, the easy-to-install kit includes front and rear head pipe shields.

## 80821-10

Fits '06-'10 FXD, '06-'17 FXDB, '06-'14 FXDC, '06-'13 FXDL and '06-'08 FXDWG models with shorty dual exhaust.

## E. JET BLACK EXHAUST SHIELD KIT – DYNA STAGGERED DUAL

Add a custom touch to your ride. These formed steel exhaust shields are available in a tough jet black ceramic that looks just right when paired with jet black Screamin' Eagle Street Performance Slip-On Mufflers. The jet-black coating adds a sinister look to your bike's profile. The slotted "Tommy gun" cutouts expose the head pipe for a raw, rebellious attitude. Manufactured to Original Equipment standards for exact fit, this easy-to-install kit includes front and rear head pipe shields. **65247-09** 

Fits '08-'17 FXDF and '10-'17 FXDWG models with forward controls.

## F. JET BLACK EXHAUST SHIELD KIT - DYNA 2-INTO-1

Extend the blacked-out look along the bike's entire profile. These formed steel exhaust shields feature a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Performance Slip-On Mufflers. The jet black coating maintains its uniform black finish and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exacting fit, the easy-to-install kit includes front and rear head pipe shields.

## 65400088 Fits '12-'16 FLD models

## 65400172

Fits '14-'17 FXDL models equipped with Nightstick Muffler P/N 64900242 or 64900243.

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage I Upgrade

## A. SCREAMIN' EAGLE® STREET CANNON SLIP-ON MUFFLERS – SOFTAIL® SHOTGUN These 3.25" street compliant high-flow mufflers have been

specifically tuned to deliver an aggressive exhaust note and improved performance while preserving the peace with your neighbors. Available in your choice of rich chrome or heat resistant jet black ceramic finish. The Jet Black mufflers include Screamin' Eagle® muffler shields. Complete the look with your choice of 3.25" endcaps (sold separately). 50-State U.S. ÉPA compliant.

₿

B

Fits '07-'17 FLS, FLSTN and FLSTSB models equipped with Shotgun exhaust. Does not fit FLSS. Installation requires separate purchase of 3.25" End Caps and Muffler Clamps P/N 65296-95A (Qty 2). All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

64900335	335 Chrome.	
64900334	let Black w/Muffler Shields	

Fits '07-'17 FLSTF, FLSTFB and FXS models equipped with Shotgun exhaust. Installation requires separate purchase of 3.25" End Caps and Muffler Clamps P/N 65296-95A (Qty 2). All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street

iuner (solu separatery).	
64900340	Chrome.
64900341	Jet Black w/Muffler Shields.

## **B. SCREAMIN' EAGLE STREET CANNON SLIP-ON** MUFFLERS – SOFTAIL SHORTY DUAL These 3.25" street compliant high-flow mufflers have been

specifically tuned to deliver an aggressive exhaust note and improved performance while preserving the peace with your neighbors. Available in your choice of rich chrome or heat resistant jet black ceramic finish. The Jet Black mufflers include Screamin' Eagle muffler shields. Complete the look with your choice of 3.25" endcaps (sold separately). 50-State U.S. ÉPA compliant.

Fits '07-'17 FLSTC and FXSB models equipped with Staggered Shorty Dual exhaust. Installation requires separate purchase of 3.25" End Caps and Muffler Clamps P/N 65296-95A (Qty 2). All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

64900342 Chrome.

64900343 Jet Black w/Muffler Shields



A. SCREAMIN' EAGLE STREET CANNON SLIP-ON MUFFLERS – SOFTAIL SHOTGUN, CHROME (SHOWN WITH CHROME SLASH END CAPS)



A. SCREAMIN' EAGLE STREET CANNON SLIP-ON MUFFLERS – SOFTAIL SHOTGUN, JET BLACK (SHOWN WITH JET BLACK SLASH END CAPS AND EXHAUST SHIELDS)



B. SCREAMIN' EAGLE STREET CANNON SLIP-ON MUFFLERS – SOFTAIL SHORTY DUAL, CHROME (SHOWN WITH BILLET CHROME END CAPS)



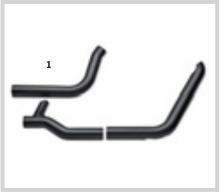
B. SCREAMIN' EAGLE STREET CANNON SLIP-ON MUFFLERS – SOFTAIL SHORTY DUAL, JET BLACK (SHOWN WITH SATIN BLACK END CAPS AND JET BLACK EXHAUST SHIELDS)

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

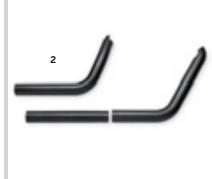
Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



C. MUFFLER END CAPS - 3.25"



D. JET BLACK EXHAUST SHIELD KIT - SOFTAIL



D. JET BLACK EXHAUST SHIELD KIT - SOFTAIL



D. JET BLACK EXHAUST SHIELD KIT - SOFTAIL



E. SCREAMIN' EAGLE SLASH CUT MUFFLER SHIELDS - SATIN BLACK



F. SCREAMIN' EAGLE SLASH CUT MUFFLER SHIELDS - CHROME

G. SCREAMIN' EAGLE MUFFLER SHIELDS

# SCREAMIN' EAGLE® 455

Twin Cam Stage I Upgrade

## C. MUFFLER END CAPS - 3.25"

These easy-to-install caps allow you to finish your 3.25" Screamin' Eagle® mufflers your way. Sold in pairs. Installation hardware included.

Fits '14-later XL and '07-'17 Softail® models equipped with Screamin' Eagle 3.25" Street Cannon Mufflers.

65100049	Billet Chrome Slash Cut.
65100048A	Satin Black Anodized.
65100044	Chrome – Slash Up/Down/Out.
65100063	Jet Black – Slash Up/Down/Out.

## D. JET BLACK EXHAUST SHIELD KIT - SOFTAIL®

Extend the blacked-out look along the bike's entire profile. These formed steel exhaust shields feature a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Performance Slip-On Mufflers. The jet black coating maintains its uniform black finish and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exacting fit, the easy-to-install kit includes front and rear head pipe shields.

## 1. 80817-10A

Fits '07-'17 FLSTF, FLSTFB and FLSTFBS, '11-'13 FXS and '07 FXSTD models equipped with shotgun exhaust.

## 2. 80829-10A

Fits '07-'17 FLS, FLSS, FLSTN and FLSTSB models.

3. 80818-10

Fits '08-'11 FXCW and FXCWC, '13-'17 FXSB, '16-'17 FXSE and '13-'14 FXSBSE models equipped with shorty dual exhaust.

## E. SCREAMIN' EAGLE® SLASH CUT MUFFLER SHIELDS -SATIN BLACK

Shaped to mirror the slash down profile of available muffler end caps, this set of rich satin black Muffler Shields is the perfect complement to your blacked-out exhaust system. The rear shield features a subtle laser-etched Screamin' Eagle script. Easy-to-install kit includes front and rear shields and black mounting hardware.

## 65400405 Satin Black.

Fits '07-later XL, '07-'17 Dyna® (except '08-'17 FLD, FXDF, FXDL, FXDLS and '10-'17 FXDWG) and '07-'17 Softail® models equipped with Screamin' Eagle Street Performance mufflers.

### F. SCREAMIN' EAGLE SLASH CUT MUFFLER SHIELDS -CHROME

Styled to complement the ballistic inlet shape of the Screamin' Eagle Street Performance Slip-On Mufflers. The slash-cut rear shield features a laser-etched Screamin' Eagle signature script. Easy-to-install kit includes front and rear shields and mounting hardware.

## 65400464 Chrome.

Fits '07-later XL, '07-'17 Dyna (except '08-'17 FLD, FXDF, FXDL, FXDLS and '10-'17 FXDWG) and '07-'17 Softail models equipped with Screamin' Eagle Street Performance Mufflers.

## G. SCREAMIN' EAGLE MUFFLER SHIELDS

Styled to complement the ballistic inlet shape of the Screamin' Eagle Street Performance Slip-On Mufflers. The rear shield features a deep embossed Screamin' Eagle signature script. Available in chrome and jet black. Easy-to-install kit includes front and rear shields and mounting hardware.

Fits '07-later XL, '07-'17 Dyna (except '08-'17 FLD, FXDF, FXDL and '10-later FXDWG) and '07-'17 Softail models equipped with Screamin' Eagle Street Performance Mufflers.

64806-07A Chrome. 65400078 Jet Black

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage I Upgrade

## A. SCREAMIN' EAGLE® STREET CANNON PERFORMANCE SLIP-ON MUFFLERS - 4.0" Cue the orchestra. We tuned these mufflers to provide an

Cue the orchestra. We tuned these mufflers to provide an exhaust note with some extra deep bass. You get the rumble you want and enhance that famous Harley sound, while preserving the peace with your neighbors. The tuned baffles work with the large internal volume to strike the perfect balance required to deliver performance that you can feel in your gut. The large 4.0" diameter Street Cannons provide free flow of exhaust gases with just the right amount of back pressure for a smooth-running ride. The die-cast Screamin' Eagle® medallion adds a rich touch to your bike's profile and a large selection of end cap designs are available (sold separately) to provide the perfect finishing touch. 50-State U.S. EPA compliant.

Fits '09-'16 Touring and '09-later Trike models (except CVO™ models and '10 FLHX and FLTRX models). Installation requires separate purchase of 4" end caps and Muffler Clamps P/N 65296-95A (Qty 2). All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

64900186B	Chrome.
64900187B	Jet Black.



₿

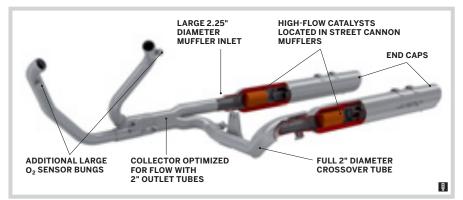
A. SCREAMIN' EAGLE STREET CANNON PERFORMANCE MUFFLERS - CHROME (SHOWN WITH BILLET TAPERED SLASH END CAPS)



NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

A. SCREAMIN' EAGLE STREET CANNON PERFORMANCE MUFFLERS – JET BLACK (SHOWN WITH BLUNT REVOLVER END CAPS)



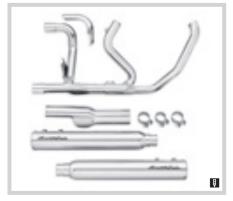
B. SCREAMIN' EAGLE HIGH-FLOW EXHAUST SYSTEM WITH STREET CANNON MUFFLERS



B. SCREAMIN' EAGLE HIGH-FLOW EXHAUST SYSTEM WITH STREET CANNON MUFFLERS – CHROME (SHOWN WITH SHORT SLASH OUT END CAPS)



B. SCREAMIN' EAGLE HIGH-FLOW EXHAUST SYSTEM WITH STREET CANNON MUFFLERS – JET BLACK (SHOWN WITH SATIN BLACK END CAPS)



B. HIGH-FLOW EXHAUST - CHROME



B. HIGH-FLOW EXHAUST – JET BLACK

# SCREAMIN' EAGLE® 457

Twin Cam Stage I Upgrade

## B. SCREAMIN' EAGLE® HIGH-FLOW EXHAUST SYSTEM WITH STREET CANNON MUFFLERS The Screamin' Eagle® High-Flow Exhaust system provides

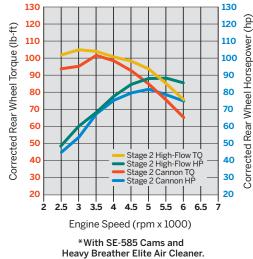
The Screamin' Eagle® High-Flow Exhaust system provides bolt-on performance by reducing the catalyst restrictions and improving exhaust flow. This exhaust system is optimized for use on engines producing 80+ horsepower and works great with Screamin' Eagle Stage Kits. The kit replaces the stock head pipe and mufflers with large diameter, free-flowing head pipes and matching mufflers. The muffler inlet diameter has been increased to 2.25" to enhance exhaust gas scavenging and the catalysts have been relocated to the mufflers to enhance flow. The proof is in the horsepower and torque numbers. Dial the system to your motorcycle by using the Screamin' Eagle Pro Street Tuner to tune your ECM specifically to match your performance upgrades.

The large 4" diameter Street Cannon mufflers are tuned to provide a deep bass exhaust note and a healthy rumble at idle, and that famous Harley sound throughout the RPM range. 50-State U.S. EPA compliant.

Fits '10-'16 Touring models (except CVO<sup>TM</sup>). Does not fit Trike models. Separate purchase of Screamin' Eagle 4" endcaps required. All models require ECM calibration for proper installation.

64800043	Chrome.
64800044	Jet Black.

Twin Cam 103 Stage II High-Flow vs. 103 Stage II with Street Cannons\*



NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage I Upgrade

## A. SHORT SLASH UP/DOWN/OUT 4" MUFFLER

**END CAPS** These End Cap Kits allow you to personalize your Screamin' Eagle® Street Performance Touring Mufflers. The Short Slash Up/Down/Out End Caps are 2" shorter than our traditional Slash Cut End Caps, and keep the mufflers tucked in close to the saddlebag or Trike model rear valance for a clean custom look. Sold in pairs, the kit includes all required mounting hardware.

## 65100062

Fits '09-'16 Touring and '09-later Trike models equipped with Screamin' Eagle Street Cannon 4" End Cap Mufflers. Does not fit 4" CVO™ Touring mufflers.

## B. MUFFLER END CAPS - 4"

These End Cap Kits allow you to personalize your Screamin' Eagle Street Performance Touring Mufflers. Available in your choice of styles, these easy-to-install caps are dressed with the same finish as the mufflers and exhaust shields for a consistent look front to back. Sold in pairs, the kit includes all required mounting hardware.

Fits '09-'16 Touring and '09-later Trike models equipped with Screamin' Eagle Street Cannon 4" End Cap Mufflers. Does not fit 4" CVO Touring mufflers.

## 65100016 Revolver.

65100015	Piston.
65100019	Slash Up/Down/Out.
65100018	Billet Tapered Slash.
65100017	Fishtail.
65100028	Satin Black Anodized.
80611-09	Blunt Revolver.

## C. MUFFLER BRACKET COVER KIT

Stamped-steel cover conceals the Original Equipment exhaust brackets. Contoured for a custom fit, these easy-to-install covers add a distinctive finishing touch. Available in mirrorchrome or black finish to match your customizing style (sold in pairs).

Fits '97-'13 Touring models. Fits Screamin' Eagle Street Performance Touring 4" Mufflers (except P/N 64900093 and 64900091). Does not fit with Fishtail 4.0" Muffler End Cap P/N 65100017. Does not fit with Screamin' Eagle 3.5" Mufflers.

80716-08	Chrome
80812-10	Black.





A. SHORT SLASH UP/DOWN/OUT - 4" MUFFLER END CAPS



B. MUFFLER END CAPS - 4"





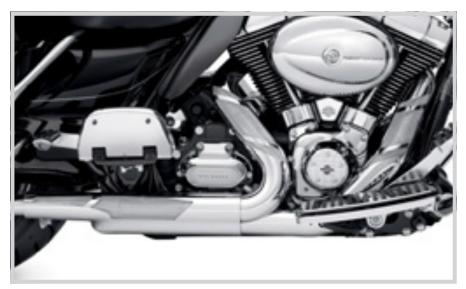
C. MUFFLER BRACKET COVER KIT - CHROME

C. MUFFLER BRACKET COVER KIT - BLACK

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



D. SCREAMIN' EAGLE FATSHOTZ SLIP-ON MUFFLERS



E. LASER EXHAUST SHIELD KIT - CHROME WITH CHROME SCREENS

# SCREAMIN' EAGLE® 459

Twin Cam Stage I Upgrade

## D. SCREAMIN' EAGLE® FATSHOTZ SLIP-ON MUFFLERS

Į 🔪

Provide a performance and style boost to your 2-into-2 exhaust-equipped Touring motorcycle. Designed for easy installation on the Original Equipment header pipes and muffler hangers, these mirror chrome flared mufflers are tuned to maximize airflow while keeping the rich exhaust note within the legal limits. 50-State U.S. EPA compliant.

## 80847-10

Fits '10-'16 Touring and '09-'16 Trike models (except CVO™ and '10 FLHX and FLTRX models). Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty. 2).

## E. LASER EXHAUST SHIELD KIT

Show-winning style. This kit replaces the factory exhaust shields with a unique and attention-getting design. The shields feature laser-cut openings that are filled with tightly woven mesh that delivers a modern high-performance look. Available in chrome or jet black ceramic, the finish is a perfect match for Original Equipment or Screamin' Eagle® mufflers. The easy-to-install kits include front and rear header shield and collector shield.

Fits '09-'16 Touring and Trike models (except '10 FLHX and FLTRX).

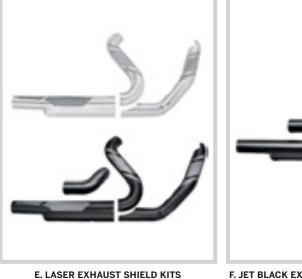
65400064	Chrome with Chrome Screens.
65400117	Jet Black with Stainless
	Steel Screens.

## F. JET BLACK EXHAUST SHIELD KIT - TOURING

Available for 2-into-1 and 2-into-2 exhaust systems, these formed steel exhaust shields feature a unique jet black ceramic coating that complements the jet black Screamin' Eagle Street Cannon Slip-On Mufflers. The jet black coating maintains its uniform black finish and has survived stringent Harley-Davidson testing for durability and corrosion resistance. Manufactured to Original Equipment standards for exacting fit, the easy-to-install kit includes front and rear head pipe shields.

## 64981-09

Fits '09-'16 Touring and Trike models (except '10 FLHX and FLTRX).



\_\_\_\_\_

F. JET BLACK EXHAUST SHIELD KIT - TOURING

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

# **TWIN CAM STAGE II UPGRADE**

Camshafts are a fundamental ingredient in the performance recipe, because they control the timing and duration of all major engine events. They are the primary means by which you can tune your engine's horsepower and torque output. Every cam has unique lift and overlap performance characteristics, which means you need to select cams based on exactly the kind of power you're looking for.



## A. SCREAMIN EAGLE® TWIN CAM PERFORMANCE CAMS

Kits include front and rear cams. Splined rear cam is included for exceptional load handling capability. Gaskets and bearings not included. Cam Installation Kit P/N 17045-99C (sold separately) includes all required gaskets, bearings and seals for proper installation. Dealer installation is recommended and special tools are required for proper installation.

## SE-255 CAM KIT

The ultimate in torque cams, this cam offers substantial increase in low end torque for engines up to 110 cubic inches with compression ratios up to 10 to 1. The low end torque increases are great for heavy bikes or for the person who routinely shifts below 4500 RPM and wants the power available to pass without downshifting. The cam still makes peak power above 5000 RPM so people with lighter bikes will enjoy the torque increases without feeling like the bike runs out of air at higher engine speeds. 50-State U.S. EPA compliant.

## 25638-07

For use on '09-'13 Dyna®, Softail®, and '09-'13 Touring and Trike models with 103Cl and 110Cl engines. All models require ECM calibration for proper installation. Labor cost not included. See Dealer for details.

## SE-259E CAM KIT

Developed specifically for big displacement Twin Cam engines, this cam has a modern lobe design that allows for higher valve lifts for a given duration. A high-lift version of the SE-211 camshaft, this cam works great with 103-cubic-inch and larger engines with free-flowing intake and exhaust. It can be used with stock heads (updated with race springs) and high-compression pistons for even more torque than a SE-211 cam or can be coupled with any of the performance heads to realize the full power potential. 50-State U.S. EPA compliant.

## 25482-10

For use on '11-'15 103Cl and 110Cl Touring and Trike models. Installation requires separate purchase of Performance Valve Spring Kit P/N 18013-03A. All models require ECM calibration for proper installation. Labor cost not included. See Dealer for details.

## SE-585 CAM KIT

This carn is a great match for riders of heavy Touring bikes looking for big torque at the low end. Just a quick downshift to fourth gear results in an effortless pass of that slow-moving tractor-trailer ahead of you. This carn provides an early hit of torque at the low end of the RPM spectrum. A unique combination of lift, carn lobe duration and an enhanced carn profile ramp provides a performance boost you can feel. The carn's QRD (Quiet Ramp Design) delivers high torque throughout the RPM range while reducing valve train noise. 50-State U.S. EPA compliant.

## 25400117

For use on '14-'16 Touring models with the use of a 58mm Throttle Body. Also fits '14-'16 CVO™ Touring models with or without the use of a 58mm Throttle Body. Does not fit Trike models. Installation requires separate purchase of Performance Valve Spring Kit P/N 18013-03A. All models require ECM calibration for proper installation. Labor cost not included. See Dealer for details.

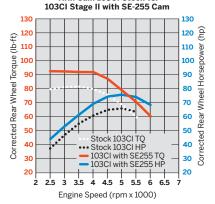
NOTE: Separate purchase of Cam Drive Retention Kit P/N 25566-06 and Cam Spacer Kit P/N 25928-06 may be required. These kits contain five different spacers to achieve proper sprocket alignment. Individual spacers can be purchased separately.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States. The street legal and/or street compliant statements may not apply to markets outside

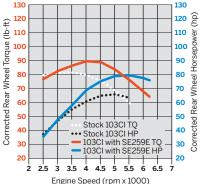
of the United States.

Twin Cam 103CI Stock vs.

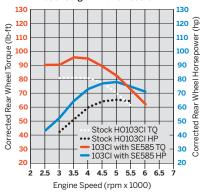
B



Twin Cam 103Cl Stock vs. 103Cl Stage II with SE-259E Cam



Twin Cam HO103CI Stock vs. 103CI Stage II with SE-585 Cam





**B. SCREAMIN' EAGLE PREMIUM TAPERED** QUICK-INSTALL ADJUSTABLE PUSHRODS -CHROME COVERS



**B. SCREAMIN' EAGLE PREMIUM TAPERED** QUICK-INSTALL ADJUSTABLE PUSHRODS -GLOSS BLACK COVERS



C. SCREAMIN' EAGLE HIGH-CAPACITY TAPPETS



D. SCREAMIN' EAGLE PERFORMANCE VALVE SPRING KIT



E. PUSHROD COVER KIT - GLOSS BLACK



F. PUSHROD TUBE COLLARS - GLOSS BLACK

# **SCREAMIN' EAGLE® 461**

₿

₿

Twin Cam Stage II Upgrade

# B. SCREAMIN' EAGLE® PREMIUM TAPERED QUICK-INSTALL ADJUSTABLE PUSHRODS These premium pushrods are tapered for enhanced clearance

at the cylinder head, allowing the use of higher lift cams. The one-piece chrome moly tube adds rigidity and durability and the threaded adjustment feature provides easy cam instal-lation without removing the cylinder heads or rocker boxes. To simplify adjustment, the tube features six flats, with one flat marked with a large dot for tracking the adjustment. The threaded rod features 4 flats to reduce wrench swing. Each pushrod features the Screamin' Eagle logo and is marked for "Intake" or "Exhaust." Kit includes 4 pushrods and required pushrod tubes.

Fits '99-'17 Twin Cam-equipped models. 17900032 With Gloss Black Covers. 18404-08 With Chrome Covers.

#### ₿ C. SCREAMIN' EAGLE HIGH-CAPACITY TAPPETS

Screamin' Eagle® Tappets feature large high-capacity needles in the roller bearing assembly to improve reliability when operating with high-lift cams, high-pressure valve springs and in high-RPM applications. The 25% larger needle bearings increase the dynamic load rating by approximately 20% when compared to the Original Equipment Twin Cam tappets. The unique design delivers superior tappet life in performance applications. Set of 4.

## 18572-13

Fits '17-later Milwaukee-Eight® Engine equipped models, '00-later XL and XR models and '99-'17 Twin Cam-equipped models.

D. SCREAMIN' EAGLE PERFORMANCE VALVE SPRING KIT\*

This performance beehive-shaped Valve Spring Kit will permit the Sportster® engine to rev to 7000 RPM. The unique ovate wire yields increased performance from a compact spring design. The installed spring pressure is increased to 208 lbs and allows a maximum lift of .590". Complete kit includes springs, upper collars and keepers and lower collars with integral valve seals

## 18013-03A

Fits '04-later XL, XR and '05-'17 Twin Cam-equipped models. Does not fit FXDLS, FLSS, FLSTFBS or Screamin' Eagle Performance Heads with .3125" diameter valves.

## E. PUSHROD COVER KIT - GLOSS BLACK

Complete the Dark Custom look. These covers replace existing chrome covers to give your bike a blacked-out appearance down to the smallest detail. Pushrod covers are finished in gloss black and the kit includes four bottom cover tubes and the four upper clips. Installation retains the Original Equipment chrome short center tube to create a high-contrast accent. Cover Kit can be installed on engines already equipped with Adjustable Pushrods or can be installed by removing rocker box covers, rocker arms and non-adjustable pushrods. Consult your dealer or service manual for installation.

#### 17900033 Covers Only.

Fits '99-'17 Twin Cam-equipped models. Requires prior installation of Adjustable Pushrods or removal of rocker box covers, rocker arms and fixed-length pushrods.

#### F. PUSHROD TUBE COLLARS - GLOSS BLACK

Manufactured from Original Equipment components for perfect fit and function, these Pushrod Collars complete your Twin Cam engine's conversion to the total blacked-out look. Covers replace the chrome-finished factory covers, and fit with stock or Screamin' Eagle Quick-Install Pushrods. 17900076

Fits '84-'00 Evolution® 1340 and '99-'17 Twin Cam-equipped models. Installation requires use of Adjustable Pushrods or removal of rocker box covers, rocker arms and fixed-length pushrods.

\*CAUTION: Proper valve spring to rocker cover clearance must always be verified during installation of Screamin' Eagle Valve Spring Kits. Failure to have adequate clearance may result in engine damage.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage II Upgrade

# A. SCREAMIN' EAGLE® BILLET CAM SUPPORT PLATE IN WITH HIGH-VOLUME OIL PUMP

A great upgrade for any performance motor. The Billet Cam Support Plate is manufactured from billet aluminum with pressed-in bronze bushings and is pre-assembled with the crankshaft bushing and oil pressure relief valve. Aluminum is specified at 6061 billet plate, heat-treated to T6 specifications with a surface-hardened anodized finish to provide supe-rior strength, rigidity and durability. CNC-precision machining ensures precise dimensions and constant material thick ness across the plate, enabling perfect alignment of cams and chains. Cam bushings are made from 660 bronze materials to provide enhanced wear resistance and to stand up to increased loads from the high lift cams common in large displacement motors. The improved Screamin' Eagle® highflow oil pump provides higher pressure when the oil is hot to keep pressure drops to a minimum and increases the oil supply by 16% and the scavenging by 29% over the '06-'17  $\,$ Original Equipment oil pump.

## 25282-11

Fits '06-'17 Dyna® and '07-'17 Softail®, and '07-'16 Touring and Trike models. Installation requires separate purchase of Cam Service Kit P/N 17045-99D and Drive Gear Retention Kit P/N 25566-06.

₿

Ę

Ę

## **B. SCREAMIN' EAGLE HYDRAULIC** CAM CHAIN TENSIONER AND HIGH-FLOW OIL PUMP UPGRADE KIT

This kit updates the cam chain tensioner of your Twin Cam 88® engine to the latest design, as featured on the Twin Cam 96™ engine. The billet cam support plate has been designed to allow the installation of the Twin Cam 96 hydraulic cam chain tensioner to Twin Cam 88-equipped models. These Hydraulic Cam Chain Tensioners will significantly outlast the spring-loaded tensioners and are an ideal addition to an engine modified for improved performance. In addition, '02-'06 models utilize a Twin Cam 96 single row front roller chain and sprocket (included in kit). '99-'01 models use Original Equipment front silent chain and sprocket to retain the cam position sensor function. The kit includes an improved Screamin' Eagle High-Flow Oil Pump that provides increased oil pressure at highoperating temperatures. This kit increases the oil supply by 23% and scavenging by 50% when compared to the '99-'05 Original Equipment oil pump and reduces operating temperature of bearings to improve bearing life.

## 25284-11

Fits '99-'05 Dyna, '00-'06 Softail and '99-'06 Touring models. Installation requires separate purchase of Spacer Kit P/N 25285-08, Cam Service Kit P/N 17045-99D and Drive Gear Retention Kit P/N 25566-06

## C. SCREAMIN' EAGLE HIGH-PERFORMANCE

INNER CAM BEARINGS High-performance Inner Cam Bearings are a smart upgrade when installing high-lift cams in a race bike. These bearings provide increased load capacity and extend the engine life in extreme racing conditions. Kit includes two bearings required to complete one Twin Cam engine.

## 24017-10

Fits '99-'05 Dyna, '00-'06 Softail and '99-'06 Touring models. 24018-10

Fits '06-'17 Dyna, '07-'17 Softail and '07-'16 Touring and Trike models



A. SCREAMIN' EAGLE BILLET CAM SUPPORT PLATE WITH HIGH-VOLUME OIL PUMP



**B. SCREAMIN' EAGLE HYDRAULIC CAM CHAIN TENSIONER AND** HIGH-FLOW OIL PUMP UPGRADE KIT





**Original Pump Rotor** 



Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

The street legal and/or street compliant statements may not apply to markets outside of the United States.

HIGH VOLUME OIL PUMP COMPARISON

C. SCREAMIN' EAGLE HIGH-PERFORMANCE INNER CAM BEARINGS

# **STAGE III & IV UPGRADES**

Screamin' Eagle<sup>®</sup> Stage Kits offer complete street-compliant performance configurations engineered to help you generate specific torque and horsepower gains. Eliminating all the guesswork and trial-anderror testing normally associated with engine modifications, Stage Kits include everything you need to enhance your bike's performance, including big-bore cylinders, high-compression pistons, performance cams and high-flow air cleaners.

> BOLT-ON TWIN-CAM 110 BIG BORE STAGE KITS

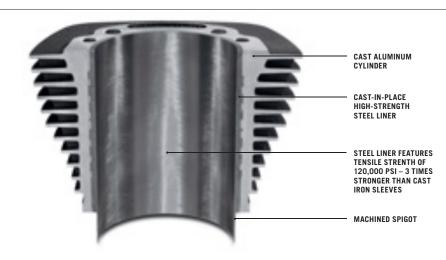
HIGH-STRENGTH CYLINDER LINERS ARE MACHINED TO SLIP INTO THE STOCK CASE OPENING

## **BOLT-ON BIG BORE CYLINDERS**

In the past, the only way to increase the bore of your 103or 110-cubic-inch Twin Cam V-Twin motor was to tear down the motor and re-bore the engine cases to fit larger bore cylinder spigots. It was a labor-intensive and expensive process. The Screamin' Eagle team has engineered a 4" Big Bore Cylinder and Piston package that increase the internal bore from 3-7/8" to 4", without increasing the outside diameter of the cylinder spigot. The cylinder slips into the existing case bore without modification.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

The street legal and/or street compliant statements may not apply to markets outside of the United States.



**SCREAMIN' EAGLE** 

Twin Cam Stage III Upgrade

SCREAMIN' EAGLE® TWIN CAM HIGH-COMPRESSION KIT WITH CAMS – 103CI TO 103CI Give your Touring bike the kick it needs to pass a road-hogging RV on a long uphill climb. This street compliant Stage III "in-abox" kit includes the system-matched components you need to build a performance Twin Cam engine with torque and horsepower characteristics you can use – every day. Designed for use with stock cylinder heads, this kit produces big torque gains at lower RPM while maintaining your factory warranty. This street-performance engine has the potential to produce 88hp and 100 lb-ft of torque with the stock cylinder heads. 50-State U.S. EPA compliant.

Kit includes:

Forged 10.5:1 High Compression Pistons and Rings SE-585 Cams High Performance Valve Springs Perfect-Fit Pushrods Top End Gasket Kit Heavy Duty Clutch Spring

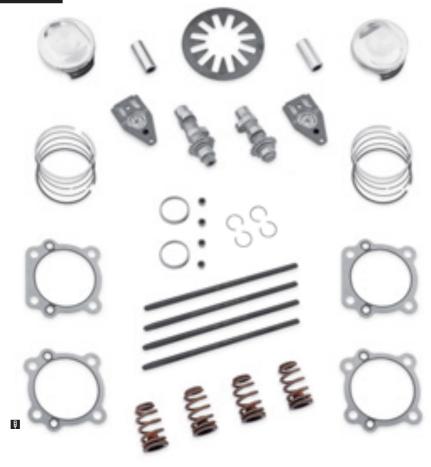
## 92500028

Fits '14-'16 Touring models. Does not fit Trike or models with Twin-Cooled™ engines. Requires separate purchase of outer Primary Cover Gasket. Installation requires separate purchase of Cam Drive Retention Kit P/N 25566-06. May require Cam Spacer Kit P/N 25928-06. All models require ECM calibration for proper installation.

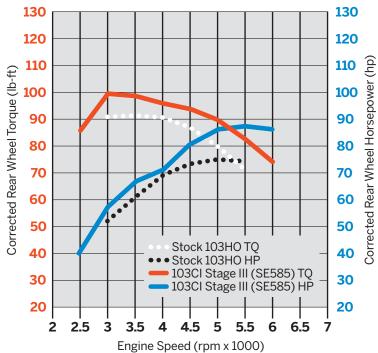
**NOTICE:** Installation of automatic or manual compression releases on large displacement engines is highly recommended.

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.

**STAGE III** 



## Twin Cam 103HO Stock vs. 103CI High Compression Kits with Cams & Street Cannon Mufflers



Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



### Twin Cam 103HO Stock vs. 103 to 110CI Stage III with SE CVO Mufflers 130 130 120 120 (dy) 110 110 Corrected Rear Wheel Torque (Ib-ft) Horsepower 100 100 90 90 80 80 Rear Wheel 70 70 60 60 Corrected 50 50 Stock 103HOCI TQ 40 40 Stock 103HOCI HP 110 Stage III (SE585) TQ 30 30 110 Stage III (SE585) HP 20 20 6.5 2.5 4.5 7 2 3 3.5 4 5 5.5 6 Engine Speed (rpm x 1000)

# STAGE III

# **SCREAMIN' EAGLE® 465**

Twin Cam Stage III Upgrade

#### SCREAMIN' EAGLE® TWIN CAM STAGE III KIT -Ş 103CI TO 110CI

Build a fast, reliable 110-cubic-inch Twin Cam hauler without having to remove the motor from the chassis. This Stage III Street Performance Kit combines system-matched Screamin' Eagle® big bore cylinders, high-compression pistons and performance cams and valve train components with the Original Equipment cylinder heads for a cost-effective boost in torque and performance. The exclusive bolt-on 4.0" cylinders are engineered with high-strength slim-wall spigots that slip into the factory crank case without any additional machining. The 4" flat top pistons team with the stock cylinder heads to produce a performance-enhancing 10.2:1 compression ratio (10.4:1 on Twin-Cooled™ models), and the high-lift SE-585 cam produces a boost in torque throughout the RPM range. 50-State U.S. EPA compliant.

## Kit includes:

Screamin' Eagle 4.0" Bolt-On Cylinders Forged 10.2:1 Compression Pistons and Rings SE-585 Cams High Performance Valve Springs Perfect-Fit Pushrods Screamin' Eagle High-Capacity Roller Tappets Top End and Cam Cover Gaskets Heavy Duty Clutch Spring

92500035 Black Highlighted. Fits '16-'17 Softail® and '14-'16 Touring models. Does not fit Trike models, FLSS, FLSTFBS, CVO™ 110 models or models with engine cases that have been machined to accept largebore cylinders. Requires separate purchase of Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. Twin-Cooled models require separate purchase of model-specific head gaskets. All models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage III Upgrade

SCREAMIN' EAGLE® TWIN CAM CONVERSION KIT WITH CAMS – 96CI TO 103CI The Stage II Big Bore Kit provides the parts you need to increase the horsepower of your EFI-equipped model. The kit increases the displacement of your Twin Cam-equipped model from 96 cubic inches (1584cc) to 103 cubic inches (1690cc). 50-State U.S. EPA compliant. California kits are street compliant on California pollution controlled vehicles when used with Original Equipment mufflers.

Kit includes: **Big Bore Cylinders** Big Bore Flat Top Pistons and Rings SE-255 Cams High-Flow Air Cleaner Kit with One-Piece Back Plate Top End Gasket Kit Heavy Duty Clutch Spring

#### 27543-08 Black Highlighted.

Fits '10-'11 Softail<sup>®</sup> models equipped with a Twin Cam 96™ engine. Also fits '08-'09 California Softail models. Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require ECM calibration for proper installation. 

27557-08 Black Highlighted.

Fits '10-'11 Touring models equipped with Twin Cam 96 engine. Also fits '08-'09 California Touring models. '10 FLHX and FLTRX models require separate purchase of 2-into-2 Head Pipe and mufflers. Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require ECM calibration for proper installation. 27564-09A Black Highlighted. 

Fits 49-state '09 Touring models. Kit includes catalyst head pipe. Does not fit Trike models. Not street compliant in California, Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models O require ECM calibration for proper installation.

NOTICE: Installation of automatic or manual compression releases on large displacement engines is highly recommended.

NOTICE: Installation of a California performance kit onto a 49-state model motorcycle or a 49-state performance kit onto a California model motorcycle will void manufacturer's warranty, as it will not result in a street compliant configuration.

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

The street legal and/or street compliant statements may not apply to markets outside of the United States.

STAGE III



### Twin Cam 96 Stock vs. 96 to 103CI Conversion with Street Use Exhaust 130 130 120 120 (dy) 110 110 Corrected Rear Wheel Torque (lb-ft) Rear Wheel Horsepower 100 100 90 90 80 80 70 70 60 60 Corrected 50 50 . Stock 96CI TO 40 40 Stock 96CI HP 103CI Stage III (SE255) TQ 30 30 103CI Stage III (SE255) HP 20 20 3.5 4 4.5 5 5.5 6 6.5 2.5 3 2 7

Engine Speed (rpm x 1000)



### Twin Cam 96 Stock vs. 96 to 103CI Conversion 130 130 120 120 dq 110 110 Corrected Rear Wheel Torque (Ib-ft) Horsepower 100 100 90 90 80 80 Wheel 70 70 Rear **\** 60 60 . • Corrected 50 50 Stock 96CI TO 40 40 Stock 96CI HP 103CI Stage III TQ 30 30 103Cl Stage III HP 20 20 4 4.5 5 5.5 6.5 2.5 3 3.5 6 7 2 Engine Speed (rpm x 1000)

## STAGE III

# SCREAMIN' EAGLE® 467

Twin Cam Stage III Upgrade

## SCREAMIN' EAGLE® TWIN CAM CONVERSION KIT – 96CI TO 103CI This Big Bore Kit lets you increase the displacement of your

This Big Bore Kit lets you increase the displacement of your Twin Cam 96<sup>™</sup> engine-equipped model from 96 cubic inches (1584cc) to 103 cubic inches (1690cc). A high-performance clutch spring is included to provide the additional clutch capacity required by the extra torque. 50-State U.S. EPA Compliant.

Kit includes:

Big Bore Cylinders Big Bore Flat Top Pistons and Rings High-Flow Air Cleaner with One-Piece Back Plate Top End Gasket Kit Heavy Duty Clutch Spring

29903-07A Black Highlighted.

Fits all '07 Twin Cam and '08-'11 Softail® models equipped with a Twin Cam 96<sup>™</sup> engine. Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require ECM calibration for proper installation.

**27539-08A** Black Highlighted (not shown). Fits '08-'11 Touring models equipped with a Twin Cam 96 engine. Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require ECM calibration for proper installation.

**NOTICE:** Installation of automatic or manual compression releases on large displacement engines is highly recommended.

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States. **CREAMIN' EAGLE** 

Twin Cam Stage IV Upgrade

SCREAMIN' EAGLE® TWIN CAM TIRE SHREDDER KIT – 103CI TO 110CI This comprehensive kit provides a complete package of matched components that allow you to build a high-performance 110Cl Twin Cam without voiding the factory warranty. The unique Screamin' Eagle® 4.0" big bore cylinders are engi-neered to slip into the engine cases without case machining or modification, so the engine stays in the chassis during the build. 50-State U.S. EPA compliant.

## Kit includes:

Screamin' Eagle 4.0" Bolt-On Cylinders Forged 10.2:1 High Compression Pistons and Rings Screamin' Eagle 58mm Throttle Body High Flow Fuel Injectors (5.3 g/s) Screamin' Eagle CNC-Ported Cylinder Heads SE-259E Cams Perfect-Fit Pushrods Screamin' Eagle High-Capacity Roller Tappets Top End and Cam Cover Gaskets Heavy Duty Clutch Spring

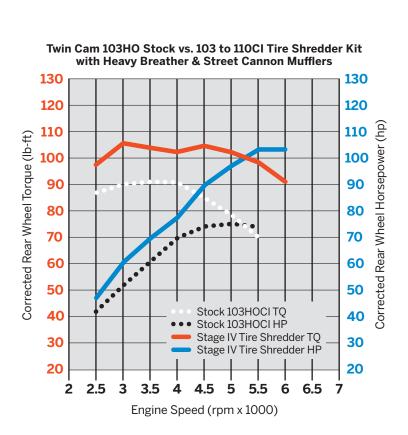
## 92500038

Fits '14-'16 Touring models. Does not fit Twin-Cooled™ models. Does not fit Trike models, CVO™ 110 models or models with engine cases that have been machined to accept large-bore cylinders. Requires separate purchase of accessory 58mm air cleaner and Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.







Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

The street legal and/or street compliant statements may not apply to markets outside of the United States.

# **STAGE IV**



#### Twin Cam 103HO Stock vs. 103 to 110CI Stage IV Conversion Kit 130 130 120 120 110 110 Corrected Rear Wheel Torque (lb-ft) (du) 100 100 Horsepower 90 90 80 80 . rected Rear Wheel 70 70 ... 60 60 50 50 Stock 103HOCI TQ 40 40 Stock 103HOCI HP Sol 110CI Stage IV TQ 30 30 110CI Stage IV HP 20 20 2.5 3.5 4.5 2 3 4 5 5.5 6 6.5 7 Engine Speed (rpm x 1000)

STAGE IV

# SCREAMIN' EAGLE® 469

Twin Cam Stage IV Upgrade

# SCREAMIN' EAGLE® TWIN CAM CONVERSION

inch displacement and power output as the CVO™ Screamin' Eagle® models without expensive machining or removing the engine from the chassis. This street compliant kit combines the proven SE-255 cams and cylinder heads of the CVO model with exclusive Screamin' Eagle bolt-on 4.0" cylinders and system-matched pistons to deliver high torque and reliable everyday performance. The automatic compression release equipped cylinder heads and the flat top forged pistons combine to develop a 9.3:1 compression ratio for easy starting, and the Screamin' Eagle lifters ensure quiet reliable valve train operation. 50-State U.S. EPA compliant.

## Kit includes

Screamin' Eagle 4.0" Bolt-On Cylinders Forged 9.3:1 Compression Pistons and Rings CVO 110 Cylinder Heads SE-255 Cams High-Capacity Roller Tappets Top End and Cam Cover Gaskets Heavy Duty Clutch Spring Cam Spacer Kit P/N 25928-06 is recommended

#### 92500031 Black Highlighted.

Fits '10-'16 Touring models (except '14-'16 models with Twin-Cooled™ engines). Does not fit Trike models, CVO 110 models, or models with engine cases that have been machined to accept large bore cylinders. Requires separate purchase of Screamin' Eagle high-flow air cleaner. '10 FLHX and FLTRX models require separate purchase of 2-into-2 Head Pipe Kit and Mufflers. '11-'16 Touring models require installation of CVO Mufflers P/N 64768-09A and 64769-09A or FatShotz Muffler Kit P/N 80847-10 (sold separately). 10-11 Touring models require ACR Harness P/N 70623-08. Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require ECM calibration for proper installation.

92500032 Black Highlighted. Fits '14-'16 FLHTCU, FLHTCUL, FLHTK, FLHTKL and FLTRU models with Twin-Cooled engines. Does not fit Trike models, CVO 110 models, or models with engine cases that have been machined to accept large bore cylinders. Requires separate purchase of Screamin' Eagle high-flow air cleaner. Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require ECM calibration for proper installation.

## 92500033 Black Highlighted.

Fits '11-'17 Dyna® FXD, FXDB and FXDC models equipped with Shorty Dual Exhaust. Installation requires separate purchase of Muffler P/N 64895-09 (Qty 2). Also fits 50-state '10-'17 FXDF and FXDWG models. FXDF and FXDWG models requires separate purchase of Mufflers P/N 65884-09 and 65886-09. All Dyna models require separate purchase of Screamin' Eagle high-flow cleaner. '10-'11 Dyna models require ACR Harness P/N 70623-06. Does not fit models with engine cases that have been machined to accept largebore cylinders. Also fits 50-state '11-'17 Softail® models (except FLS, FLSS, FLSTFBS, FLSTN, FLSTSB, CVO 110 models or models with engine cases that have been machined to accept large-bore cylinders.). Requires separate purchase of Screamin' Eagle high-flow air cleaner. '11 Softail models require ACR Harness P/N 70623-11. Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Twin Cam Stage IV Upgrade

### SCREAMIN' EAGLE® TWIN CAM STAGE IV KIT -103CI TO 103CI

**103CI TO 103CI** This Street Performance kit provides the maximum horsepower output for a legal 103 Kit that will maintain the factory warranty. The Air-Cooled Street Performance Kit produces 96 hp and 105 lbs-ft of torque. The Twin-Cooled™ engine version is rated at 93 hp and 100 lbs-ft of torque. 50-State U.S. EPA compliant.

Kit includes:

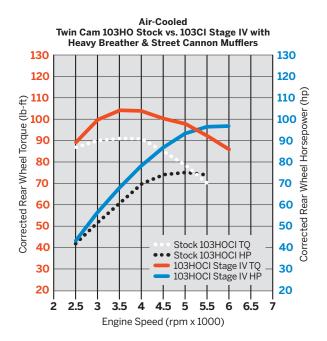
Forged 10.5:1 High Compression Pistons and Rings Screamin' Eagle® 58mm Throttle Body Screamin' Eagle CNC Ported Cylinder Heads SE-259E Cams Perfect-Fit Pushrods Top End Gasket Kit Heavy Duty Clutch Spring

## 92500011 Black Highlighted.

Fits '16-'17 Softail® (except FLSS, FLSTFBS and FXSE) and '10-'16 Touring models (except '14-'16 models with Twin-Cooled engines) equipped with a Twin Cam 103<sup>™</sup> engine. Fits 49-state '10-'11 Touring models equipped with a Twin Cam 96<sup>™</sup> engine with separate purchase of Screamin' Eagle 3-7/8" Big Bore Cylinder Kit. '10 FLHX and FLTRX requires dual exhaust. Does not fit Trike models. Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require ECM calibration for proper installation. '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

**92500019** Black Highlighted. Fits '14-'16 FLHTCU, FLHTCUL, FLHTK and FLHTKL models with Twin-Cooled engines. Does not fit Trike models. Installation requires separate purchase of Primary Cover Gasket. Cam Drive Retention Kit P/N 25566-06. Cam Spacer Kit P/N 25928-06 is recommended. All models require ECM calibration for proper installation.

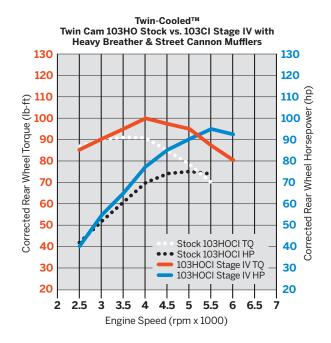
When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.



STAGE IV

B





Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



Twin Cam CVO™ 110CI Stock vs 110 to 117CI Stage IV with Ventilator Air Cleaner & SE CVO Mufflers 130 130 120 120 Corrected Rear Wheel Horsepower (hp) 110 110 Corrected Rear Wheel Torque (lb-ft) 100 100 90 90 80 80 70 70 60 60 50 50 Stock CVO 110CI TQ Stock CVO 110CI HP 40 40 117 Bolt-on Kit TQ 117 Bolt-on Kit HP 30 30 20 20 2.5 3.5 4.5 5.5 6.5 2 3 4 5 6 7 Engine Speed (rpm x 1000)

# SCREAMIN' EAGLE® 471

Twin Cam Stage IV Upgrade

# SCREAMIN' EAGLE® TWIN CAM BOLT-ON

Turn your Original Equipment 110-cubic-inch model into a fast, reliable 117-cubic-inch Twin Cam hauler without having to remove the motor from the chassis. This Street Performance Kit combines system-matched Screamin' Eagle® big bore cylinders, forged pistons and performance cams and valve train components with the Original Equipment cylinder heads for a cost-effective boost in torque and performance. The exclusive bolt-on 4.125" cylinders are engineered with high-strength slim-wall spigots that slip into the factory 110Cl crank case without any additional machining. The 4.125" flat top pistons team with the stock cylinder heads to produce a performance-enhancing 9.9:1 compression ratio, and the high-lift SE-259E cam produces a boost in torque throughout the RPM range. 50-State U.S. EPA compliant.

## Kit includes:

Screamin' Eagle 4.125" Bolt-On Cylinders Forged 9.9:1 Compression Pistons and Rings Screamin' Eagle 58mm Throttle Body High Flow Fuel Injectors (5.3 g/s) SE-259E Cams Perfect-Fit Pushrods Screamin' Eagle High-Capacity Roller Tappets Screamin' Eagle Inner Cam Bearing Kit Top End and Cam Cover Gaskets

Fits '14-'17 CVO™ 110CI Softail® and '14-'16 CVO Touring models. Also fits '16-'17 110CI FLSS, FLSTFBS and FXDLS models. Requires purchase of accessory 58mm air cleaner and Cam Drive Retention Kit P/N 25566-06 (except models equipped with Screamin' Eagle Heavy Breather Elite Performance Air Cleaner Kits). Models equipped with Ventilator Air Cleaner require separate purchase of 58mm Air Cleaner Backplate P/N 29400038. All models require ECM calibration for proper installation. '16-'17 FXDLS and all '17 models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

**92500055** Granite Finish. **92500054** Black Finish.

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.

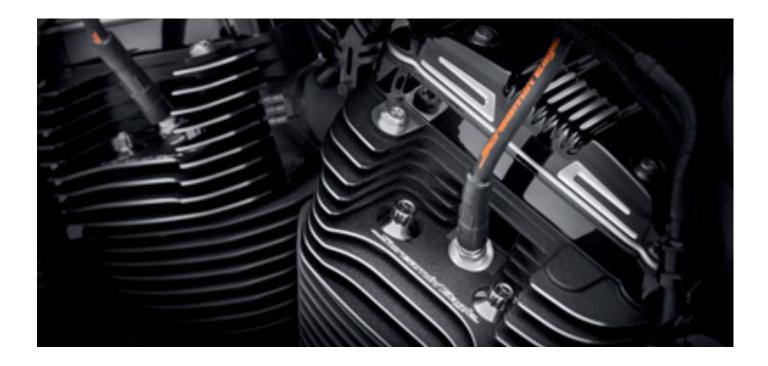
Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



Sportster<sup>®</sup> Stage Upgrades

# **SPORTSTER® POWERTRAIN**

Screamin' Eagle<sup>®</sup> Stage upgrades offer complete street-compliant performance configurations engineered to generate specific torque and horsepower gains. Eliminating all the guesswork and trial-and-error testing normally associated with engine modifications, Stage upgrades include everything you need to enhance your bike's performance.



## STAGE I

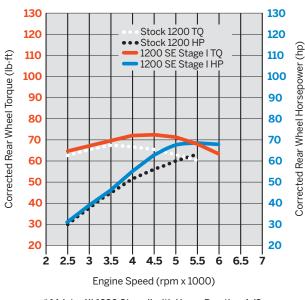
## INTAKE + EXHAUST + TUNING

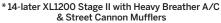
The easiest and most cost-effective step to improve your motorcycle's performance is to increase the airflow into and out of the engine. A high-flow air cleaner and system-matched slip-on mufflers provide horsepower and torque improvements you can feel throughout the RPM range, and serve as the core components for all performance upgrades. ECM calibration is required to tune the fuel flow and timing required to accommodate the improved airflow.



Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Sportster 1200 Stock vs. 1200 Stage I\*



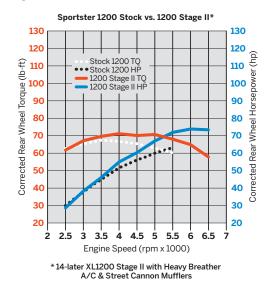


Sportster<sup>®</sup> Stage Upgrades

## STAGE II

## STAGE I + CAM UPGRADE

Adding performance cams to a Stage I equipped bike is the next step to improved performance. Cam choices allow you to tailor the engine's performance to your specific needs. A torque cam offers on-demand throttle response from low to mid RPM at cruising speed. A power cam targets high-RPM, wide-open throttle response that keeps pulling right up to redline. ECM calibration tuning is required to accommodate the increased valve timing, and performance valve springs may be required for high-lift cams.

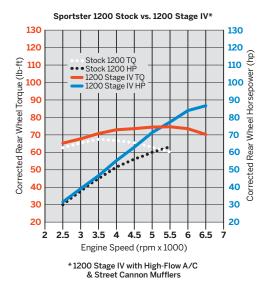




## **STAGE IV**

## STAGE I + CAMS, PISTONS, CYLINDER HEADS & THROTTLE BODY

For maximum performance improvement, the addition of high-compression pistons, free-flowing ported cylinder heads and a big bore throttle body top off a performance build. The large-diameter throttle body and port-matched intake manifold deliver huge volumes of fuel and air to the engine, the smooth passages and larger valves easily dump the mixture into the engine and the high compression pistons squeeze the air/ fuel into a more volatile vapor. When ignited, the result is a major power increase. Designed to satisfy the high-RPM, throttle-twisting rider, the Stage IV update delivers 20-30% increase in power that keeps pulling right up to the redline, without sacrificing mid-range torque. ECM calibration tuning is required to add more fuel, and a higher-lift cam may be required to deliver maximum power.





**Stage IV** bolt-on upgrade requires removal of the engine's top end and opening the cam chest. Engine remains in the chassis and no machining is required. Special tools and ECM tuning are required.



Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Sportster<sup>®</sup> Stage I Upgrade

A. SCREAMIN' EAGLE® HEAVY BREATHER PERFORMANCE AIR CLEANER KIT
This high-flow forward-facing exposed element Air Cleaner Kit is sure to turn heads at the starting line. Featuring a polished elbow and exposed filter, this unique air cleaner system offers improved performance and airflow when compared to the stock or Screamin' Eagle® High-Flow Air Cleaner. The washable and rechargeable filter features a bright chrome end cap with a laser-engraved Screamin' Eagle logo. Intake tube and back plate are made from die-cast lightweight aluminum and are polished and chrome-plated or painted black for a brilliant finish. The back plate features integral breathers and sealed breather bolt plug. Kit includes a water-repellent rain sock and all mounting hardware. 50-State U.S. EPA compliant.

Fits '08-later XL models with Original Equipment Throttle Body. All models require ECM calibration for proper instal-lation. '17-later models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

0	· ·	
29264-08A	Chrome.	
29080-09A	Gloss Black.	

Fits '14-later XL1200 model equipped with Screamin' Eagle High Flow 58mm Throttle Body. All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

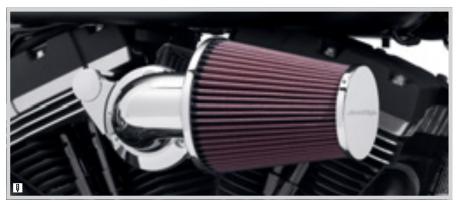
29400228	Chrome.
29400227A	Gloss Black.

NOTE: The washable and rechargeable filter uses a special coating to help filter fine particles from the incoming air. With time, the oil in the filter will dissipate and the element will begin to turn gray. The original red color can be restored with an application of K&N® Air Filter Oil.

B. SCREAMIN' EAGLE HEAVY BREATHER FILTER COVER – TEARDROP Dress up the Heavy Breather Air Cleaner with this radical cover. Manufactured from forged aluminum and precision CNC-machined and polished, these easy-to-install two-piece covers add a rich custom look. Cover is available in mirrorchrome or cut back gloss black finish to match your customizing direction. Kit includes water-repellent rain sock.

Fits models equipped with Screamin' Eagle Heavy Breather Air Cleaner Kits (except Compact Heavy Breather P/N 28716-10A, Heavy Breather Elite P/N 29400173, 29400172 or 29400285, and Milwaukee-Eight® Heavy Breather P/N 29400263 or 29400264).

29400061A	Cut Back Gloss Black – Side Logo.
28739-10A	Cut Back Gloss Black – End Logo.
28740-10A	Chrome – End Logo.



A. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER KIT - CHROME



A. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER KIT - GLOSS BLACK



B. SCREAMIN' EAGLE HEAVY BREATHER FILTER COVER – TEARDROP, CUT BACK GLOSS BLACK – SIDE LOGO



B. SCREAMIN' EAGLE HEAV TEARDROP, CHROME



**B. SCREAMIN' EAGLE** HEAVY BREATHER FILTER COVER TEARDROP, CUT BACK GLOSS BLACK

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



C. SCREAMIN' EAGLE PERFORMANCE AIR CLEANER KIT – RAIL COLLECTION



D. EXTREME BILLET AIR CLEANER KIT - CHISEL, CHROME



D. EXTREME BILLET AIR CLEANER KIT - CHISEL, CUT BACK GLOSS BLACK

# SCREAMIN' EAGLE® 475

₿

Sportster<sup>®</sup> Stage I Upgrade

## C. SCREAMIN' EAGLE® PERFORMANCE AIR CLEANER KIT – RAIL COLLECTION The look is bold and the performance exhilarating. This race-

The look is bold and the performance exhilarating. This raceinspired air cleaner is engineered to flow through the perimeter and the face of the air filter, providing high volumes of unrestricted airflow to the engine. The open-design face plate features a rich black finish with machined longitudinal strakes to expose the glowing aluminum below. Kit includes air cleaner trim, one-piece cast back plate, high-flow washable air filter element, rain sock and all required hardware. 50-State U.S. EPA compliant.

## 29400232A

Fits '07-later XL models with Original Equipment throttle body. All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle® Pro Street Tuner (sold separately).

## D. SCREAMIN' EAGLE EXTREME BILLET AIR CLEANER KIT

The bold styling of this intake system looks just as impressive as the long patch of burnout rubber you just laid down. The forged billet aluminum cover tops off a cast back plate with integral breather for a smooth transition to the throttle body. The race-inspired air cleaner is engineered to flow high volumes of air and the washable pleated element provides the ideal combination of efficiency and engine protection. Available in your choice of style and finish, this easy-to-install kit includes all mounting hardware and rain sock. 50-State U.S. EPA compliant.

Fits '07-later XL models with Original Equipment throttle body. All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

29400128Chisel – Chrome.29400127Chisel – Cut Back Gloss Black.

29400127 Chisel – Cut Back Gloss Black

NOTE: The washable and rechargeable filter uses a special coating to help filter fine particles from the incoming air. With time, the oil in the filter will dissipate and the element will begin to turn gray. The original red color can be restored with an application of K&N<sup>®</sup> Air Filter Oil.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Sportster<sup>®</sup> Stage I Upgrade

A. SCREAMIN' EAGLE® OVAL HIGH-FLOW

## AIR CLEANER

The XL High-Flow Air Cleaner Kit provides increased airflow to boost the power of your fuel-injected Sportster® model. The complete kit features a composite air cleaner back plate, air cleaner cover adapter, a high-flow washable synthetic media filter element that does not require oiling and a breather system that routes gasses and excess oil directly into the intake. Kit also includes cover trim and all mounting hardware. Street compliant when used with stock mufflers. 50-State U.S. EPA compliant.

B

₿

## 29782-07

Fits '07-later XL models with Original Equipment throttle body and oval air cleaner cover. All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle® Pro Street Tuner (sold separately).

## B. SCREAMIN' EAGLE ROUND HIGH-FLOW AIR CLEANER

The XL High-Flow Air Cleaner Kit provides increased airflow to boost the power of your fuel-injected Sportster model. Available with brilliant chrome or gloss black back plate, this Round Air Cleaner transforms the appearance of your Evolution powerplant and allows you to replace the Original Equipment oval air cleaner cover with your choice of accessory round covers. Or choose to flaunt your performance gains with the open element look, finished with custom Air Cleaner Trim from one of the Harley-Davidson® decorative collections. Kit includes one-piece cast back plate, high-flow washable air filter element and all required hardware. Street compliant when used with stock mufflers. 50-State U.S. EPA compliant

Fits '07-later XL models with Original Equipment throttle body and round air cleaner cover or round air cleaner trim. Proper installation with round air cleaner cover requires separate purchase of Air Cleaner Filter Gasket P/N 25700127. All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

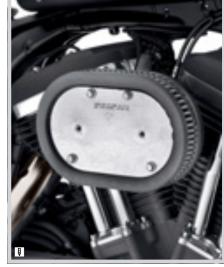
**29000019A** Chrome. **29000009A** Black.

## C. SCREAMIN' EAGLE AIR CLEANER RAIN SOCK

Add the open-element look to your Screamin' Eagle High-Flow style Air Cleaner. This easy-to-install kit allows you to replace the traditional Original Equipment air cleaner cover with custom inserts from one of the H-D® Decorative Collections. Kit includes a breathable mesh cover with classic Bar & Shield logo that stretches over the filter to maximize airflow while protecting the exposed element from the rain. Fits traditional cone-shaped air cleaner elements featured in many Screamin' Eagle Twin Cam Stage Kits.

## 28728-10

Fits Screamin' Eagle Round High-Flow Air Cleaner Kits.





A. SCREAMIN' EAGLE OVAL HIGH-FLOW AIR CLEANER



**B. SCREAMIN' EAGLE ROUND HIGH-FLOW AIR CLEANER** 



C. SCREAMIN' EAGLE AIR CLEANER RAIN SOCK (SHOWN WITH #1 SKULL AIR CLEANER TRIM)

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



D. SCREAMIN' EAGLE STREET CANNON SLIP-ON MUFFLERS – SPORTSTER SHORTY DUAL, CHROME (SHOWN WITH CHROME SLASH END CAPS AND BUCKSHOT EXHAUST SHIELDS)



D. SCREAMIN' EAGLE STREET CANNON SLIP-ON MUFFLERS – SPORTSTER SHORTY DUAL, JET BLACK (SHOWN WITH JET BLACK SLASH END CAPS AND BUCKSHOT EXHAUST SHIELDS)



E. SCREAMIN' EAGLE STREET PERFORMANCE SLIP-ON SHORTY DUAL MUFFLERS - CHROME



E. SCREAMIN' EAGLE STREET PERFORMANCE SLIP-ON SHORTY DUAL MUFFLERS – JET BLACK (SHOWN WITH JET BLACK BUCKSHOT EXHAUST SHIELDS)

Sportster<sup>®</sup> Stage I Upgrade

## D. SCREAMIN' EAGLE® STREET CANNON SLIP-ON MUFFLERS – SPORTSTER® SHORTY DUAL These 3.25" street compliant high-flow mufflers have been

These 3.25" street compliant high-flow mufflers have been specifically tuned to deliver an aggressive exhaust note and improved performance while preserving the peace with your neighbors. Available in your choice of rich chrome or heat-resistant jet black ceramic finish. Complete the look with your choice of 3.25" endcaps and Screamin' Eagle® Muffler shields (sold separately).

Fits '14-later XL models. Installation requires separate purchase of 3.25" End Caps and Muffler Clamps P/N 65900012 (Qty 2). All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately). 50-State U.S. EPA compliant.

## 64900208A Chrome.

64900209A Jet Black.

Fits '17-later XL1200 models. Designed for International markets that require ECE-certified mufflers. Mufflers include matching slash down end caps. Installation requires separate purchase of Muffler Clamps P/N 65900012 (Qty 2).

64900477 Chrome. 64900476 Jet Black

E. SCREAMIN' EAGLE STREET PERFORMANCE

SLIP-ON MUFFLERS – SPORTSTER SHORTY DUAL Street compliant high-flow mufflers are factory tuned to deliver an aggressive exhaust note and improved performance comparable to Screamin' Eagle II mufflers. Available in your choice of rich chrome or heat-resistant jet black ceramic finish, these mufflers feature a deep embossed Screamin' Eagle logo along the flank. 50-State U.S. EPA compliant.

Fits '07-'13 XL models. Installation requires separate purchase of Muffler Clamps P/N  $65296\mathchar`eq$  (Qty 2).

80503-07 Chrome. 80726-09A Jet Black

some realignment of head pipes is usually required. It is recommended to replace exhaust port gaskets. P/N 65324-83A (stock) or P/N 17048-98 (performance), to avoid tendency of head pipes to return to original position when re-tightened.

NOTE: Due to increased diameter of these mufflers

NOTE: There is no warranty on exhaust pipes and mufflers with regard to any discoloration. Blueing is caused by tuning characteristics, cam timing, carburetor jetting, over-heating, etc. and is not caused by defective manufacturing.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Sportster<sup>®</sup> Stage I Upgrade

## A. BRONZE MUFFLER END CAPS - 3.25"

These easy-to-install end caps allow you to finish your 3.25" Screamin' Eagle® mufflers your way. The durable bronze tone ceramic coated finish is the ideal complement to black coated mufflers, and sets your ride apart from the crowd. Sold in pairs Installation hardware included.

## 65100107

Fits '14-later XL and '07-'17 Softail® models equipped with Screamin' Eagle 3.25" Street Cannon Mufflers.

## B. MUFFLER END CAPS - 3.25"

These easy-to-install caps allow you to finish your 3.25" Screamin' Eagle mufflers your way. Sold in pairs. Installation hardware included.

Fits '14-later XL and '07-'17 Softail models equipped with Screamin' Eagle 3.25" Street Cannon Mufflers.

65100048A	Satin Black Anodized.
65100049	Billet Chrome Slash Cut.
65100044	Chrome – Slash Up/Down/Out.
65100063	Jet Black – Slash Up/Down/Out.

## C. JET BLACK HEADER PIPES

Hide the blue. These Original Equipment-style Header Pipes have been finished with a unique jet black heat-resistant coating and are a great accent to both chrome and black Buckshot exhaust shields. When exposed through the holes in the Buckshot shields, the black header pipe provides a sinis-ter accent and hides the heat-tempered finish of the typical exhaust pipe. Easy to install using factory mounting hardware, the kit includes front and rear header pipe.

## 65600155

Fits '14-later XL models. Does not fit international models.

## D. SCREAMIN' EAGLE® SLASH-CUT MUFFLER SHIELDS -SATIN BLACK

Shaped to mirror the slash down profile of available muffler end caps, this set of rich satin black Muffler Shields is the perfect complement to your blacked-out exhaust system. The rear shield features a subtle laser-etched Screamin' Eagle script. Easy-to-install kit includes front and rear shields and black mounting hardware.

65400405 Satin Black. Fits '07-later XL, '07-'17 Dyna® (except '08-'17 FLD, FXDF, FXDL, FXDLS and '10-'17 FXDWG) and '07-'17 Softail® models equipped with Screamin' Eagle Street Performance mufflers.

## E. SCREAMIN' EAGLE SLASH-CUT MUFFLER SHIELDS -CHROME

Styled to complement the ballistic inlet shape of the Screamin' Eagle Street Performance Slip-On Mufflers. The slash-cut rear shield features a laser-etched Screamin' Eagle signature script. Easy-to-install kit includes front and rear shields and mounting hardware.

65400464 Chrome. Fits '07-later XL, '07-'17 Dyna® (except '08-'17 FLD, FXDF, FXDL, FXDLS and '10-'17 FXDWG) and '07-'17 Softail models equipped with Screamin' Eagle Street Performance Mufflers.



A. BRONZE MUFFLER END CAPS - 3.25"



B. MUFFLER END CAPS - 3.25" (SATIN BLACK ANODIZED SHOWN)



B. MUFFLER END CAPS - 3.25"



C. JET BLACK HEADER PIPES





D. SCREAMIN' EAGLE SLASH-CUT MUFFLER SHIELDS - SATIN BLACK

E. SCREAMIN' EAGLE SLASH-CUT MUFFLER SHIELDS - CHROME

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.





F. SLOTTED EXHAUST SHIELD KIT - BRONZE



F. SLOTTED EXHAUST SHIELD KIT - SATIN BLACK





G. BUCKSHOT EXHAUST SHIELD KIT – JET BLACK (65400137A SHOWN)



G. BUCKSHOT EXHAUST SHIELD KIT – JET BLACK (64924-09 SHOWN)

G. BUCKSHOT EXHAUST SHIELD KIT – CHROME (65400143 SHOWN)



H. SCREAMIN' EAGLE MUFFLER SHIELDS

Sportster® Stage I Upgrade

# F. SLOTTED EXHAUST SHIELD KIT

Add a custom touch to your ride. These formed steel exhaust shields are available in tough heat-resistant satin black or bronze finishes that look just right when paired with black Screamin' Eagle® Street Cannon Slip-On Mufflers. The slotted cutouts are backed with textured stainless inserts to provide a raw, handcrafted look. Manufactured to Original Equipment standards for exact fit, these easy-to-install kits include front and rear head pipe shields.

# Fits '14-later XL models.

65400404	Bronze.	
65400422	Satin Black	

# G. BUCKSHOT EXHAUST SHIELD KIT

These custom shields feature a perforated "Buckshot" design that exposes the head pipe for a raw, rebellious look. Available in your choice of finishes, these exhaust shields are a perfect match for Original Equipment or Screamin' Eagle mufflers and provide a consistent look from front to back. Manufactured to Original Equipment standards for exacting fit, the easy-toinstall kit includes front and rear head pipe shields.

Fits '14-later XL models. **65400137A** Jet Black.

65400143	Chrome.

Fits '04-'13 XL models. **64924-09** Jet Black.

# H. SCREAMIN' EAGLE® MUFFLER SHIELDS

Styled to complement the ballistic inlet shape of the Screamin' Eagle Street Performance Slip-On Mufflers. The rear shield features a deep embossed Screamin' Eagle signature script. Available in chrome and jet black. Easy-to-install kit includes front and rear shields and mounting hardware.

Fits '07-later XL, '07-'17 Dyna® (except '08-'17 FLD, FXDF, FXDL and '10-later FXDWG) and '07-'17 Softail® models equipped with Screamin' Eagle Street Performance Mufflers.

64806-07A Chrome. 65400078 Jet Black

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Sportster<sup>®</sup> Stage II Upgrade

A. SCREAMIN' EAGLE® PERFORMANCE II SE-585

CAM KIT- SPORTSTER® The high-lift full throttle cam kit provides significant horse-power gains when coupled with high-flowing exhaust and intake components, and is a great fit for full-throttle horse-power junkies. 50-State U.S. EPA compliant. (exception below). 25400125

Fits '14-later XL1200 models. Requires installation of Performance Cylinder Heads P/N 16500074 or 16500347, or upgrade of Original Equipment heads with Performance Valve Spring Kit P/N 18013-03A. All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle® Pro Street Tuner (sold separately). Pending regulatory approval for '20 models. Refer to the product information at www.H-D.com/shop for status.

# **B. SCREAMIN' EAGLE HIGH-CAPACITY TAPPETS**

Screamin' Eagle Tappets feature large high-capacity needles in the roller bearing assembly to improve reliability when operating with high-lift cams, high-pressure valve springs and in high-RPM applications. The 25% larger needle bear-ings increase the dynamic load rating by approximately 20% when compared to the Original Equipment Twin Cam tappets. The unique design delivers superior tappet life in performance applications. Set of 4.

#### 18572-13

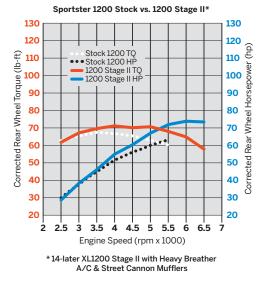
Fits '17-later Milwaukee-Eight® Engine equipped models, '00-later XL and XR models and '99-'17 Twin Cam-equipped models.

# C. SCREAMIN' EAGLE PERFORMANCE VALVE SPRING KIT

This performance beehive-shaped Valve Spring Kit will permit the Sportster® engine to rev to 7000 RPM. The unique ovate wire yields increased performance from a compact spring design. The installed spring pressure is increased to 208 lbs and allows a maximum lift of .590". Complete kit includes springs, upper collars and keepers and lower collars with integral valve seals.

#### 18013-03A

Fits '04-later XL, XR and '05-'17 Twin Cam-equipped models. Does not fit FXDLS, FLSS, FLSTFBS or Screamin' Eagle Performance Heads with .3125" diameter valves



Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

The street legal and/or street compliant statements may not apply to markets outside of the United States.



A. SCREAMIN' EAGLE PERFORMANCE II SE-585 CAM KIT- SPORTSTER



**B. SCREAMIN' EAGLE HIGH-CAPACITY TAPPETS** 

1111 Ę

C. SCREAMIN' EAGLE PERFORMANCE VALVE SPRING KIT

STAGE II

₿

₿



Sportster® Stage IV Upgrade

#### SCREAMIN' EAGLE® SPORTSTER® CONVERSION ₿ KIT – 883CC TO 1200CC\* Make your Iron 883™ model roar. This complete conversion

kit will alter the personality of your 883-equipped Sportster® model. Designed to bring your XL883 model up to XL1200 specifications. No case machining is required for installation. 50-State U.S. EPA compliant.

## Kit includes:

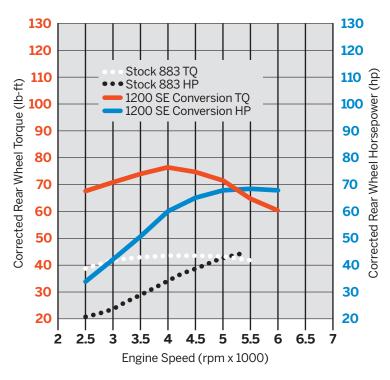
Sportster High-Flow Air Cleaner Kit XL1200 Cylinder Heads XL1200 Cylinders XL1200 Pistons and Rings Heavy Duty Clutch Spring Top End Gasket Kit

**29784-07** Black Highlighted. Fits 50-state '07-later XL883 models. All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle® Pro Street Tuner (sold separately).

**30003-10** Black Non-Highlighted. Fits 50-state '08-later XL883 models. All models require ECM calibration for proper installation. '17-later models require recalibration with Screamin' Eagle Pro Street Tuner (sold separately).

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.

# Sportster 883 Stock vs. 883 to 1200 Conversion\*



\* 883 to 1200 Conversion with Street Cannon Mufflers

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Sportster<sup>®</sup> Stage IV Upgrade

# SCREAMIN' EAGLE® SPORTSTER® STAGE IV KIT –

1200CC TO 1200CC Maximize the horsepower and torque available for your street compliant Sportster<sup>®</sup> model. This complete engine package includes all the components you need to build a high-performance ride while still retaining the original factory warranty. Installation does not require removal of the powertrain from the chassis. 50-State U.S. EPA compliant. Pending regulatory approval for '20 models. Refer to the product information at www.H-D.com/shop for status.

Kit includes:

CNC-Ported Cylinder Heads with Performance Valve Springs Screamin' Eagle® XL SE-585 Cams

Forged Hi-Compression 10.5:1 Pistons and Rings 58mm Throttle Body and Intake Manifold Top End Gasket Kit

Fits '14-later XL1200 models. Requires separate purchase of 58mm compatible accessory air cleaner. All models require ECM calibration for proper installation. '17-later models require readibration with Screamin' Eagle Pro Street Tuner (sold separately).

92500041	Black Highlighted Heads.
92500042	Black Non-Highlighted Heads.

When installed by an authorized Harley-Davidson® Dealer within 60 days of the vehicle purchase, compliant kits do not impact the vehicle's limited warranty.

STAGE IV



#### 130 130 120 120 Stock 1200 TQ (dy) 110 110 Corrected Rear Wheel Torque (Ib-ft) Stock 1200 HP . . 1200 Stage IV TQ Rear Wheel Horsepower 100 100 1200 Stage IV HP 90 90 80 80 70 70 60 60 Corrected .. 50 50 40 **40** 30 30 20 20 3.5 4 4.5 5 5.5 2 2.5 3 6 6.5 7 Engine Speed (rpm x 1000)

# Sportster 1200 Stock vs. 1200 Stage IV\*

: may \* 1200 Stage IV

\* 1200 Stage IV with 58MM Heavy Breather A/C & Street Cannon Mufflers

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

# SCREAMIN' EAGLE® MULTI-FIT ACCESSORIES

When building a performance powertrain, don't overlook the small stuff. After all, good clean air and a powerful spark are essential for maximum power and engine life. Air cleaner covers and washable K&N<sup>®</sup> air filters are available to dress your bike in style while maximizing the flow of air to your engine, and Screamin' Eagle<sup>®</sup> premium spark plugs and plug wires will keep the fire burning.



## Air Filters A. SCREAMIN' EAGLE® HIGH-FLO K&N® ₿ REPLACEMENT AIR FILTER ELEMENT K&N® replacement air filters are engineered to improve airflow for increased horsepower and quicker acceleration. K&N filters provide excellent filtration, and because they are washable and reusable, you can clean the filter whenever conditions demand. Designed as direct replacements for specified fitments. 1. 29400020 High-Flow – Multi-fit. Fits '07-later XL, '99-'07 Dyna®, '00-'15 Softail® and '99-'07 Touring models equipped with High-Flow Air Cleaner Kits. Replacement for P/N 29442-99E 1. 29400358 High-Flow – Multi-fit. Fits '18-later Softail and '17-later Touring and Trike models equipped with round High-Flow Air Cleaner P/N 29400355 or 29400356 2,29400021 High-Flow – Dyna. Fits '08-'17 Dyna models equipped with High-Flow Air Cleaner Kits. Replacement for P/N 29385-08. **3.29400019** High-Flow – Touring. Fits '16-'17 Softail and '08-'16 Touring and Trike models equipped with High-Flow Air Cleaner Kits. Replacement for P/N 29244-08. 4.29400247 High-Flow - Wedge Milwaukee-Eight® Engine Fits '17-later Touring and Trike models equipped with Wedge High-Flow Air Cleaner Kit P/N 29400245 or 29400246. 5. 29400065 Extreme Billet. Fits '15-later XG, '16-'17 Softail, and '08-'16 Touring and Trike models equipped with Extreme Billet Agitator and Chisel Air Cleaner Kits. 5,29400359 Extreme Fits '18-later Softail and '17-later Touring and Trike models equipped with round High-Flow Air Cleaner P/N 29400357. 5. 29400118 Extreme Billet & Rail. Fits '07-later XL, '08-'17 Dyna and '08-'15 Softail and models equipped with Extreme Billet Chisel and Agitator or Rail Collection Air Cleaner Kits. 6. 29400109 Burst Collection. Fits '08-'17 Dyna and Softail models, '08-'16 Touring and Trike models equipped with Burst Collection Air Cleaner Kits. 7.29400022A Ventilator – Multi-fit. Fits models equipped with Twin-Cam Ventilator and Extreme Billet Ventilator Performance Air Cleaner Kits. Replacement for P/N 29670-09. 8.29400293 Ventilator Milwaukee-Eight® Engine. Fits '18-later Softail, '17-later Touring and Trike models equipped with Ventilator Air Cleaner P/N 29400298 or 29400299 9.29424-05B Heavy Breather – Multi-fit, Chrome Fits models equipped with Heavy Breather Kit P/N 29098-09, 29299-08, 29080-09 or 29264-08. **9. 29702-08B** Heavy Breather – Touring, Chrome. Fits models equipped with Heavy Breather Kit P/N 29006-09B, 29253-08B, 29000065 or 29400105 29400297 Heavy Breather – Touring, Black. Heavy Breather – Touring, Black. Fits '16-'17 FXDLS and models equipped with Heavy Breather Kit P/N 29006-09B, 29253-08B, 29000065 or 29400105. **10.28714-10** Heavy Breather – Compact, Chrome. Fits '08-'16 Touring and Trike models equipped with Compact Heavy Breather Kit P/N 28716-10A. 11. 29400141 Heavy Breather Elite, Chrome. Fits models equipped with Screamin' Eagle Heavy Breather Elite Performance Air Cleaner Kit P/N 29400172 and

29400173. 27300139 Heavy Breather Elite, Black Replacement air filter for models equipped with Screamin' Eagle Heavy Breather Elite Performance Air Cleaner Kit P/N 29400285.

#### 12.29400276 Heavy Breather

Milwaukee-Eight Engine, Black. Fits '18-later Softail, '17-later Touring and Trike models equipped with Heavy Breather Air Cleaner P/N 29400263 or

29400264 Heavy Breather 13. 29400275

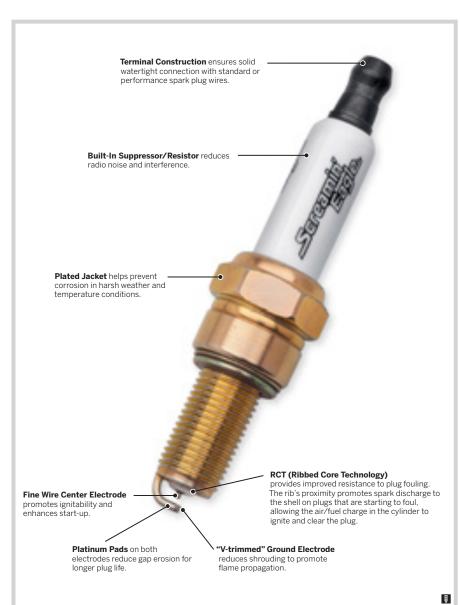
Fits '18-later Softail, '17-later Touring and Trike models equipped with Heavy Breather Air Cleaner P/N 29400263 or 29400264



A. SCREAMIN' EAGLE HIGH-FLO K&N REPLACEMENT AIR FILTER ELEMENT – HEAVY BREATHER



A. SCREAMIN' EAGLE HIGH-FLO K&N REPLACEMENT AIR FILTER ELEMENT – MILWAUKEE-EIGHT HEAVY BREATHER



B. SCREAMIN' EAGLE PERFORMANCE SPARK PLUG



C. SCREAMIN' EAGLE 10MM PHAT SPARK PLUG WIRES - CUT TO LENGTH

Spark Plugs

Ş

# B. SCREAMIN' EAGLE® PERFORMANCE SPARK PLUGS

Screamin' Eagle® Spark Plugs feature double platinum coating for superior erosion resistance and extended life. The "V" trimmed ground electrode reduces shrouding of the flame front to promote flame propagation, and the fine wire center electrode enhances startups and ignitability. Screamin' Eagle Plugs feature Ribbed Core Technology (RCT) that provides resistance to fouling, and are designed with Original Equipment-style noise suppression to prevent electrical interference with radios and CB communication equipment. Works great in racing applications where rich air/fuel conditions are required. Unique style with Screamin' Eagle logo. Sold in pairs.

# Standard Compression Applications

Designed for modified engines including performance carburetors, high-flow air cleaners, camshafts, exhaust systems and ignition systems in conjunction with stock compression ratios.

**31600106** Standard Compression Applications. Fits '99-later Twin Cam-equipped models, and '86-later Evolution® Sportster® 883, 1100 and 1200 models.

**31600085** Standard Compression Applications. Fits '15-later XG models and '17-later Milwaukee-Eight®

engine equipped models.

# **High Compression Applications**

These plugs are designed for high-performance applications involving modifications in high-flow air cleaners, camshafts, exhaust, performance heads, ignition components, higher compression ratios above Original Equipment configurations or engines specific for racing applications.

**31600105** High Compression Applications. Fits '99-later Twin Cam-equipped models. '86-later XL and XR and Evolution 1340 models equipped with Screamin' Eagle Performance Cylinder Heads.

#### C. SCREAMIN' EAGLE 10MM PHAT SPARK PLUG WIRES -CUT TO LENGTH

Fat 10mm plug wires add dimension and style to your ride. Screamin' Eagle boot design and suppression core wires ensure solid connection and maximum voltage transfer between coil and plugs. Screamin' Eagle script printed along the wire to add style.

#### 32095-98B Black.

Multi-Fit – Cut to length. Fits '86-'03 XL models (except XL1200S), '91-'98 Dyna® models, '85-'99 Softail® models and '80-'84 Touring models.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

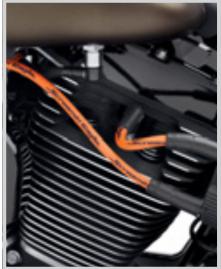
Spark Plug Wires

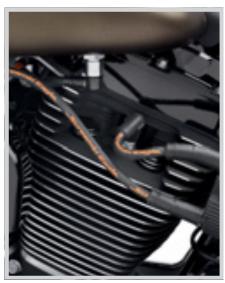
A. SCREAMIN' EAGLE® 10MM PHAT SPARK PLUG WIRES Fat 10mm plug wires add dimension and style to your ride. Screamin' Eagle® boot design and suppression core wires ensure solid connection and maximum voltage transfer between coil and plugs. Screamin' Eagle script printed along the wire to add style.

Fits '15-later >	(G models.	
31600048A	Black.	
31600051A	Orange.	
31600054A	Red.	
Fits '07-later >	KL models.	
31901-08A	Black.	
31902-08A	Orange.	
Fits '04-'06 X	L models.	
31958-04B	Black.	
31956-04B	Orange.	
Fits '86-'03 X	L models (except XL1200S).	
32092-98B	Black.	
31963-89B	Orange.	
Fits '99-'17 Dy		
31930-99C	Black.	
31944-99C	Orange.	
31937-99C	Red.	
Fits '91-'98 Dy	yna, '85-'99 Softail® and '80-'84 Touring models.	
32093-98B	Black.	
31964-89C	Orange.	
Fits '18-later S	Softail models.	
31600111	Black.	
31600113	Orange.	
31600112	Red.	
Fits '00-'17 S '13-'16 FXSB n	oftail models (except FXCW, FXCWC, FXS and nodels).	
31907-08A	Black.	
32360-00C	Orange.	
32359-00C	Red.	
Fits '08-'16 F>	CW, FXCWC, FXS and FXSB models.	
31965-08A	Black.	
31967-08A	Red.	
Fits '17-later T	ouring and Trike models.	
31600108	Black.	
31600110	Orange.	
31600109	Red.	
Fits '09-'16 Touring and Trike models.		
32303-08A	Black.	
32325-08A	Orange.	
32318-08A	Red.	
Fits '99-'08 To	ouring models.	
31932-99C	Black.	
31946-99C	Orange.	
31939-99C	Red.	



A. SCREAMIN' EAGLE 10MM PHAT SPARK PLUG WIRES - RED





A. SCREAMIN' EAGLE 10MM PHAT SPARK PLUG WIRES - ORANGE

A. SCREAMIN' EAGLE 10MM PHAT SPARK PLUG WIRES - BLACK



A. SCREAMIN' EAGLE 10MM PHAT SPARK PLUG WIRES

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

# SCREAMIN' EAGLE® CRATE ENGINE & DRIVE TRAIN COMPONENTS

Fresh from the factory, Harley-Davidson<sup>®</sup> Crate Engines are the ideal platform for building your high-performance ride. And once you've put your heart and soul into achieving just the type of horsepower and torque numbers you crave, we offer everything you need to get all that power to the pavement.



Milwaukee-Eight® Engines

# A. MILWAUKEE-EIGHT® CRATE ENGINE

The Milwaukee-Eight® engine has brought a whole new ride to the Harley-Davidson® family. They're the most powerful, coolest-running motors we've ever built. Smoother, stronger and more durable. With crisper throttle response and truer, cleaner sound. Four valves per cylinder, single chaindriven cam, dual spark plugs, counter-balanced and rubber mounted. Developed and proven over countless miles and millions of hours. Every single part is new, engineered to give you more performance and more of the feeling you want from an engine. Today, it's a whole new ride. And now, you can get the most technologically advanced V-Twin engines to refresh your ride. Available in 107Cl and 114Cl configurations, these Milwaukee-Eight engines are street compliant when installed in the models specified. Manufactured to the latest specifications, these engines are available in a variety of finishes to suit your customizing direction. Does not include intake system, timer cover, stator, rotor or compensating sprocket.

See your Dealer for details.

# CRATE ENGINES AVAILABLE FROM YOUR DEALER:

107 Black with Black Covers – Air/Oil-cooled

Fits '18-later Softail® models. Original equipment on FXFB.

**107 Black with Chrome Covers – Air/Oil-cooled** Fits '18-later Softail models. Original equipment on FXLR, FXBR, and FLDE.

**107 Black and Chrome – Air/Oil-cooled** Fits '17-later Touring Air/Oil-cooled models.

**107 Black with Gloss Black Covers – Air/Oil-cooled** Fits '17-later Touring models.

**107 Black and Chrome – Twin-Cooled™** Fits '17-later Touring Twin-Cooled<sup>™</sup> models.

**114 Black with Black Covers – Air/Oil-cooled** Fits '18-later Softail models. Original equipment on FXFBS.

**114 Black with Chrome Covers – Air/Oil-cooled** Fits '17-later Touring models. Original equipment on '18 FLRT.

**114 Black with Chrome Covers – Air/Oil-cooled** Fits '18-later Softail models. Original equipment on FXBRS.

**114 Black with Gloss Black Covers – Air/Oil-cooled** Fits '17-later Touring models.

# 114 Black with Chrome Cover – Twin-Cooled

Fits '17-later Touring Twin-Cooled models. Original equipment on '19 FLHTK.

NOTE: Replacement engines must be re-fitted with emission control devices and systems appropriate for the vehicle model and model year in order to ensure emissions compliance. Failure to do so constitutes tampering under U.S. EPA guidelines and can lead to substantial fines and penalties.

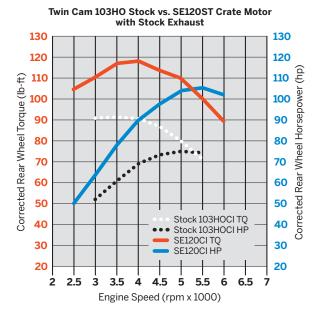
Legal for use on public roads only when installed in the specified models. Not legal for use on public roads when installed in models other than the ones specified and not eligible for the P&A 24-month warranty when installed in models other than the ones specified. Please see the Parts and Accessories warranty statement and your dealer for more information.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

The street legal and/or street compliant statements may not apply to markets outside of the United States.

A. MILWAUKEE-EIGHT CRATE ENGINES





Twin Cam SE120ST Crate Motor

# B. SCREAMIN' EAGLE® SE12OST STREET PERFORMANCE CRATE MOTOR This street-tuned 120-cubic-inch Screamin' Eagle® Crate

This street-tuned 120-cubic-inch Screamin' Eagle® Crate Motor takes your bagger from mild to wild. This engine is designed for bolt-in installation in the Original Equipmentstyle chassis of your Touring bike. No special fabrication or engine mount relocation is required. The crankcase, cylinders and heads are painted black, and feature machined aluminum highlights and chrome covers for a stunning "show-and-go" look. Equipped with the ultimate large bore Screamin' Eagle 58mm Throttle Body (18% larger than stock), this engine is capable of producing 106 horsepower and 117 lb-ft of torque at the rear wheel. Engine features one-year manufacturer's warranty. For best performance results, we recommend combining this engine with your choice of Screamin' Eagle High Flow Exhaust System P/N 64800022.

This engine is 50-State U.S. EPA compliant when used with Original Equipment mufflers or the Screamin' Eagle Street Performance Exhaust System P/N 64800022. All models require ECM calibration (priced separately). U.S. delivered engines include Manufacturer's Statement of Origin (MSO).

Developed and tested in Milwaukee, this motor features the finest Screamin' Eagle components:

- 4.060 big-bore cylinders.
- 4-5/8" stroke SE Pro stroker flywheel and rod assembly.
- 10.5:1 high-compression nickel-plated forged pistons with Teflon<sup>®</sup> coated skirt.
- Titanium SST piston rings
- SE-259E high-lift cams.
- Perfect-Fit pushrods.
- SE high-performance lifters.
- CNC-ported MVA heads with automatic compression release.
- Screamin' Eagle Pro High-Flow 58mm EFI Throttle Body, high-flow injectors and manifold clamps.
- Machined lower rocker boxes for valve spring collar clearance.
- Factory-machined engine cases.
- Unique piston oilers for stroker clearance.
- Screamin' Eagle inner crankcase full complement cam needle bearings.
- SE Lefty high-performance crankcase output bearing and nitride bearing race.
- SE Performance spark plugs.
- 120ST cam cover and cylinder head medallions.

# 19221-15

Fits 50-state '10-'16 Touring models. Does not fit Twin-Cooled™ models. Does not fit Trike. '10 Touring models require Screamin' Eagle Big Twin Compensator Kit P/N 40100061. All models require ECM calibration for proper installation. '10-'13 Touring models can be programmed by Dealer (sold separately). '14-'16 Touring models can be calibrated using the Screamin' Eagle Pro Street Tuner (sold separately).

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

Clutch & Drivetrain

### A. SCREAMIN' EAGLE® HIGH CAPACITY CLUTCH KIT – MILWAUKEE-EIGHT® ENGINE The Screamin' Eagle® High Capacity Clutch Kit increases the

The Screamin' Eagle® High Capacity Clutch Kit increases the drivetrain's ability to reliably support high torque applications without significantly increasing lever effort. Designed to fit in the stock clutch basket, this kit provides smooth shifting, progressive engagement, and works with the factory Assist and Slip clutch system to keep clutch lever effort similar to the stock levels. Kit contains 10 fiber clutch plates and 10 contact plates – one more than Original Equipment – and 3-1200 Newton clutch springs. This combination provides 11% more clutch surface area for greater power handling capability. **37000287** 

Fits '18-later Softail<sup>®</sup> and '17-later Touring models.

# B. SCREAMIN' EAGLE HIGH CAPACITY CLUTCH PLATE KIT – MILWAUKEE-EIGHT ENGINE

Replacement clutch plates for the Screamin' Eagle High Capacity Clutch Kit P/N 37000287. Kit includes 10 fiber friction plates and 10 contact plates.

37000258

Fits '18-later Softail and '17-later Touring models.

### C. MILWAUKEE-EIGHT ENGINE CLUTCH SPRINGS – 1275N

High-tension springs are engineered to add additional clutch capacity in high torque and high horsepower applications. Kit includes 3-1275 Newton (N) coil springs, and is designed to complement the Screamin' Eagle High Capacity Clutch Plate Kit P/N 37000258. When combined with the High Capacity Clutch Plate Kit, torque capacity is increased to the maximum level available. Installation will increase capacity and lever effort. Springs can be installed without removing the outer primary cover.

# 37000286

Fit's '18-later Softail and '17-later Touring models.

#### D. MILWAUKEE-EIGHT ENGINE CLUTCH SPRINGS – 1200N

Replacement clutch springs for the Screamin' Eagle High Capacity Clutch Kit P/N 37000287. Kit includes 3-1200 Newton (N) coiled clutch springs. Installation of these springs with Original Equipment clutch plates will increase clutch capacity and lever effort. Springs can be installed without removing the outer primary cover. Included in Milwaukee-Eight® Stage III and IV Kits.

# 37000288

Fit's '18-later Softail and '17-later Touring models.



# A. SCREAMIN' EAGLE HIGH CAPACITY CLUTCH KIT - MILWAUKEE-EIGHT ENGINE

Configuration	Max Crankshaft Torque (ft. lbs.)	% Increase in Torque Capacity Over Milwaukee-Eight® 107 OE Clutch	Approximately Lever Effort (Ib)
Milwaukee-Eight 107Cl Original Equipment (9-Disk/1100N Spring)	125	_	14.6
9 Disk/1200N Spring	134	7.2%	16
9 Disk/1275 Spring	143	14.4%	17
Milwaukee-Eight 114Cl Original Equipment (10 Disk/1100N Spring) (P/N 37000287)	139	11.2%	14.6
Screamin' Eagle High Capacity Clutch Kit 10 Disk/1200N Spring	150	20%	16
10 Disk/1275N Spring	160	28%	17



C. MILWAUKEE-EIGHT ENGINE CLUTCH SPRINGS – 1275N

D. MILWAUKEE-EIGHT ENGINE CLUTCH SPRINGS - 1200N

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

The street legal and/or street compliant statements may not apply to markets outside of the United States.

B. SCREAMIN' EAGLE HIGH CAPACITY CLUTCH PLATE KIT – MILWAUKEE-EIGHT ENGINE

Clutch & Drivetrain

# E. SCREAMIN' EAGLE® BIG TWIN

COMPENSATOR

B

This premium compensator has been engineered with heavier springs and increased travel to support the high torque output associated with high-compression race and large displace-ment engines. Designed to outperform the Original Equipment compensator, this unit helps protect the engine and driveline components during harsh drag race launches. Compensator features improved oil passages, oil deflectors and a needle bearing thrust washer that improves the overall operation of these components.

# 42200064A

Fits 12-13 Dyna®, '12-'13 Softail® (except FXCW, FXCWC, FXSB, FXSBSE and '09 FXSTSSE), '11-'13 Touring and '09-'13 Trike models. Original Equipment on '14-'17 Dyna, Softail and 14-16 Touring models. Requires separate purchase of Installation Adhesive Kit P/N 11100088.

# 40100061

Fits '06-'11 Dyna, '07-'11 Softail (except FXCW and FXCWC), 107-10 Touring, and 107-109 CVO™ (except 109 FXSTSSE) models. Does not fit Trike. Requires separate purchase of Installation Adhesive Kit P/N 11100088. Kit includes Rotor Assembly P/N 30041-08. Installation on '06 Dyna models require separate purchase of '07-style stator. 422000954

Fits '08-'12 FXCWC and '09 FXSTSSE models and '13-later FXSB models. If P/N 40274-08A has been installed previously, the rotor shell, P/N 30041-08A is not required

F. SCREAMIN' EAGLE VARIABLE PRESSURE CLUTCH

Get more performance from the Original Equipment clutch. The Screamin' Eagle® Variable Pressure Clutch is designed to help put the added power from a Screamin' Eagle Stage Kit to the pavement. This bolt-on kit harnesses the centrifu-gal force of spinning weights to increase the clutch capacity as engine speed increases. The mechanism applies increasing pressure to the stock clutch pressure plate as RPM rises. The result: high torque-handling capabilities without increas-ing clutch lever effort at idle. The Variable Pressure Clutch also provides smoother clutch disengagement at lower speed. Kit fits behind most stock derby covers with no modifications. See installation manual for additional accessory derby cover fitment information.

To match the performance demands of your engine, team the Variable Pressure Clutch with your choice of clutch diaphragm springs. We recommend the higher-capacity Screamin' Eagle Diaphragm Spring P/N 37951-98 for major performance upgrades.

	Lever Effort	Torque Capacity
Original Equipment Spring	Same as stock	120 ft-lbs
SE Spring P/N 37951-98	35% greater than stock	153 ft-lbs

# 37000121A

Fits '99-'17 Evolution® 1340 and Twin Cam-equipped models. Will not fit '16-later Touring and Trike models, '15-later FLHTCUL or FLHTKL models or '07-later Touring or Trike models equipped with Narrow-Profile Outer Primary Cover P/N 25700385 or 25700438. Will not fit '13-later CVO models with hydraulic actuated clutch, '16-'17 FXDLS, FLSS and FLSTFBS, or '14-later Touring and Trike models equipped with Screamin' Eagle A&S Clutch Kit P/N 37000026. Derby Covers P/N 25001-03, 25441-04A, 25770-99, 25331-10, 25339-10, 25700250 and 25700062 require Spacer Kit P/N 37000123. Does not fit Derby Covers P/N 25347-02 or 25345-01





E. SCREAMIN' EAGLE BIG TWIN COMPENSATOR



Clutch & Drivetrain

### A. SCREAMIN' EAGLE® TWIN CAM PERFORMANCE ASSIST AND SLIP (A&S) CLUTCH KIT Developed for the high-thrust 110Cl engine featured as

Developed for the high-thrust 110Cl engine featured as Original Equipment on '14-later CVO™ models, this A&S clutch provides significantly increased torque-handling capacity (135lb/ft). Clutch is designed to improve engagement grip and provides minor slippage during downshifting to reduce shock to the power train. Reduces hand lever pull effort by over 1 pound. Complete kit features improved clutch plates for enhanced wear resistance and is the perfect addition when installing a high-output Screamin' Eagle® Stage Kit.

## 37000026

Fits '14-'16 Touring and Trike models with hydraulic clutch actuator. Original Equipment on FXDLS, FLSS, FLSTBS and FXSE models.

#### B. SCREAMIN' EAGLE PERFORMANCE CLUTCH FRICTION DISC KIT

Newly developed friction material delivers longer life than Original Equipment friction discs. Kit includes new precisionmachined flat steel plates. This Friction Disc Kit is a perfect match for the Screamin' Eagle Twin Cam Performance Race Clutch Hub Kit P/N 37976-08.

₿

Ę

₿

Ę

# 37980-10

Fits '99-'17 Twin Cam-equipped models and '98-'99 Evolution® 1340-equipped models. Will not fit '13-'16 CVO Touring models with hydraulic actuated clutch or, '15-'16 FLHTCUL and FLHTKL, '16-'17 FXDLS, FLSS, FLSTFBS, FXSE or '13-'16 CVO Touring models with hydraulic actuated clutch, '15-'16 FLHTCUL and FLHTKL or '14-'16 Touring and Trike models equipped with Screamin' Eagle A&S Clutch Kit P/N 37000226.

# C. HEAVY DUTY CLUTCH SPRING FOR STOCK CLUTCH

37951-98

Fits '99-'17 Twin Cam-equipped models and '98-'99 Evolution 1340-equipped models. Will not fit '16-'17 FXDLS, FLSS, FLSTFBS and FXSE or '13-'16 CVO Touring models with hydraulic actuated clutch, or '15-'16 FLHTCUL and FLHTKL, '14-'16 Touring and Trike models equipped with Screamin' Eagle A&S Clutch Kit P/N 37000026.

D. SCREAMIN' EAGLE PERFORMANCE CLUTCH KIT Performance Clutch Kit converts the 8-plate clutch to a 9-plate design. The surface area is increased by 13% and the spring rate is increased by 10% for a combination that can handle over 115 ft-lbs of torque at the crank, a 23% increase over the stock-rated capacity. Kit includes Kevlar® fiber-based friction discs and performance clutch spring.

38002-04 Fits '91-later XL and '94-'97 Evolution 1340-equipped models.

# E. SCREAMIN' EAGLE PERFORMANCE

SLIPPER CLUTCH FOR VRSC™ MODELS This clutch offers reduced lever effort and improved performance. The unique "slip and assist" ramp system opens the two halves of the clutch hub slightly during high loads to the drivetrain, allowing a moderate slip that reduces shock to the drivetrain during rapid downshifting. The resulting reduction in wheel hop allows maximum contact between the tire and the road in wet or slippery conditions. Clutch lever effort is also reduced by 20% in 1130cc and 30% on 1250cc applications. **37938-08KA** 

Fits '02-'07 VRSC™ models.

A. SCREAMIN' EAGLE TWIN CAM PERFORMANCE ASSIST AND SLIP CLUTCH KIT



B. SCREAMIN' EAGLE PERFORMANCE CLUTCH FRICTION DISC KIT



C. HEAVY DUTY CLUTCH SPRING FOR STOCK CLUTCH



D. SCREAMIN' EAGLE PERFORMANCE CLUTCH KIT



E. SCREAMIN' EAGLE PERFORMANCE SLIPPER CLUTCH FOR VRSC MODELS

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.



F. SCREAMIN' EAGLE 6-SPEED TRANSMISSION AND GEAR SET (SHOWN WITH SCREAMIN' EAGLE TRANSMISSION SIDE COVER FOR 6-SPEED TRANSMISSION)

# **SCREAMIN' EAGLE® 493**

₿

6-Speed Transmission

# F. SCREAMIN' EAGLE® 6-SPEED GEAR SET

Designed from the ground up, the Screamin' Eagle® trans-mission incorporates many of the best Original Equipment features, like a late-style shifting mechanism and a newly designed "shift ring" system to make this the smoothest shift-ing Harley-Davidson® transmission available. The "shift ring" system is similar to the system used in the VRSC™ transmission and it slides on the shafts to mate into the gears. This eliminates sliding heavy gears to accomplish the shift and results in smooth, precise and light-effort shifting. Sixth gear is a true overdrive at a .89:1 ratio and the first five gears mimic today's proven 5-speed ratios. The overdrive feature allows you to run a lower engine RPM in sixth gear, at any given road speed. Lower RPM can result in lower vibration, longer engine life and smoother cruising. The Screamin' Eagle 6-Speed Transmission is available as a complete transmission or as a replacement gear set and can be matched with hydraulic or cable-operated clutch controls.

Screamin' Eagle 6-Speed Transmissions feature forged chrome "trap door," forged shifter forks and forged and precisely ground gears. No speedometer or exhaust mount modifications are required. Complete transmissions are ready to install into the chassis and the 6-Speed Gear Set Kits are designed to replace the stock gear set without removing the transmission. Gear Set Kits require slight modification (template included) to the Original Equipment transmission case and include all necessary installation hardware.

# GEAR SET

#### 33100-03A Fits '91-'94 and '96-'00 Dyna® and '90-'99 Softail models. Requires separate purchase of appropriate Side Cover Release Kit.

# 33101-03A

Fits '90-'00 Touring models. Requires separate purchase of appropriate Side Cover Release Kit

33102-03A Fits '00-'06 Softail and '01-'06 Touring models. Requires separate purchase of appropriate Side Cover Release Kit.

33103-03A Fits '01-'05 Dyna models. Requires separate purchase of appropriate Side Cover Release Kit.

#### Shown with:

#### SCREAMIN' EAGLE TRANSMISSION SIDE COVER ₿ FOR 6-SPEED TRANSMISSION

Includes unique side cover and clutch components required for installing a Screamin' Eagle 6-Speed Transmission.

# 38753-04A Hydraulic Clutch.

Fits '99-'05 Dyna, '00-'06 Softail and '99-'06 Touring models equipped with Screamin Eagle 6-Speed Transmission and Hydraulic Clutch. NOTE: If installing a Hydraulic Clutch on a previously installed Screamin Eagle 6-Speed, separate purchase of the Clutch Release Cover Gasket P/N 35148-03 is required.

#### 38752-04 Cable Clutch

Fits '91-'05 Dyna and '90-'06 Softail and Touring models equipped with Screamin' Eagle 6-Speed Transmission and cable-actuated clutch.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

# **SHORT & LONGBLOCK PROGRAM**

When it comes time to repower your motorcycle, the first stop should be your local Harley<sup>®</sup> Dealer. They can set you up with a replacement shortblock or longblock engine that is manufactured from 100% new Original Equipment parts and subjected to the same rigorous testing as all Harley engines. Plus, all longblock engines feature a one-year factory warranty and your original VIN stamped on the case.



A. TWIN CAM SHORTBLOCK ASSEMBLY – DYNA AND TOURING



SCREAMIN' EAGLE® 495

Shortblock Program

# A. SHORTBLOCK ASSEMBLY

The perfect starting point for building the engine of your dreams. Engine shortblocks are manufactured and assembled on Harley-Davidson's main engine assembly line for exceptional quality and reliability. Shortblock cases, flywheels, bearings and rods are preassembled and ready for your custom build. Kit includes current spec Original Equipment cam plate, oil pump, cam drive components and the gaskets, seals and most of the hardware required to complete the engine and install it (not all components shown). You select your cylinders, heads, cams, covers and other top-end components. Choose one of the Screamin' Eagle® Stage kits to incorporate reliable performance and pick from our decorative engine covers to customize the look. Shortblock Assemblies are stamped with a new VIN and include MSO (Manufacturers Statement of Origin). The MSO is for Domestic only. Kits ship directly from the factory within 3-5 days. Assembly comes stamped with a new VIN on Twin-Cam Kits. (For VIN matching shortblock assemblies see the appropriate Service Parts Catalog.)

# Twin Cam Engine

 16200070
 Black 96CI/103CI.

 Fits '07-'17 Dyna® (except FXDLS), and '07-'16 Touring and Trike models (except CVO™).

 16200071
 Black 96CI/103CI.

 Fits '07-'17 Softail® models (except FLSS, FLSTFBS and CVO).

 Milwaukee-Eight® Engine (not shown)

See your Dealer for details.

NOTE: Replacement engines must be re-fitted with emission control devices and systems appropriate for the vehicle model and model year in order to ensure emissions compliance. Failure to do so constitutes tampering under U.S. EPA guidelines and can lead to substantial fines and penalties.

Legal for use on public roads only when installed in the specified models. Not legal for use on public roads when installed in models other than the ones specified and not eligible for the P&A 24-month warranty when installed in models other than the ones specified. Please see the Parts and Accessories warranty statement and your dealer for more information.

Street legal and/or street compliant statements refer to product meeting 50-State emissions and noise standards in the United States.

# HARLEY-DAVIDSON® Longblock program

Your engine is the heart and soul of your Harley-Davidson<sup>®</sup> motorcycle. When the miles start to add up, a Harley-Davidson LongBlock can put the rumble back in your ride simply, quickly and affordably.

WHY SHOULD I CONSIDER A LONGBLOCK? Unlike an engine rebuild from the repair shop down the street, the Harley-Davidson® LongBlock is manufactured from 100% new Original Equipment components, and is built to the latest factory specifications. Engine includes upgraded Screamin' Eagle® lefty crankcase bearing, Screamin' Eagle cam bearings and Screamin' Eagle performance tappets to handle higher-stress loads and performance upgrades. In addition, '99-'06 LongBlocks are upgraded with late-model hydraulic cam tensioners, high-volume oil pump and billet cam plate. '07-'16 103Cl and 110Cl engines feature factory-installed Automatic Compression Releases.

WHAT DOES THE H-D® LONGBLOCK INCLUDE? The crankcase is pre-assembled with flywheels, connecting rods, bearings, seals, cylinders, pistons, rings, heads, valves, valve springs, tappets and pushrod covers. Also included and ready for Dealer installation are top end rocker arm supports, rocker arms and shafts, pushrods and breathers. The LongBlock also includes cam support plate, cam plate bearings, cam and timing chain drive, hydraulic tensioners and all required gaskets and new hardware.

ARE UPGRADES AVAILABLE?\* You can choose silver or black-highlighted engines to match your styling direction. Bikes originally equipped with Twin Cam 88<sup>®</sup> engines can upgrade to 95 or 103Cl displacement, and Twin Cam 96<sup>™</sup>-equipped models can be repowered with 103 or 110Cl engines, based on specific model fitment. Upgrades require model-specific ECM recalibration (sold separately). Only available in North America.

WHAT ELSE DO I NEED? LongBlock is sold without cam shafts, lower rocker boxes, upper rocker box covers or cam cover. You have the option to reinstall your current cams and covers, or select from a wide assortment of performance and custom engine cover options.

**FAST AND EASY:** Just take your Harley® motorcycle to your authorized dealership. They will remove the engine from the frame, ship the left crankcase half to Harley-Davidson and in a short time, you will have a new LongBlock back, ready for the dealer to reinstall in your bike. Your engine retains its original vehicle identification number (VIN) for easy title exchange and registration.

\*Displacement upgrades are available for vehicles previously equipped with street compliant big bore kits only.

#### Also available: ENGINE COVER KITS

Finish your LongBlock engine installation in style. Kit includes 2 upper and lower rocker box covers and matching cam cover.



# Available to fit: '00-'06 Softail models. 16200087 Twin Cam 88® - Black. 16200088 Twin Cam 88 - Silver.

 Y01-'06 EFI Softail models.

 16200093
 Twin Cam 95 - Black.\*

 16200094
 Twin Cam 95 - Silver.\*

#### '05-'06 EFI Softail models.

 16200097
 Twin Cam 103™ – Black.\*

 16200098
 Twin Cam 103 – Silver.\*

# '07-'11 Softail models.

16200101	Twin Cam 96™ – Black.
16200102	Twin Cam 96 – Silver.

#### '07-'17 Softail models.

16200104	Twin Cam 103 – Black.*
16200108	Twin Cam 110™ – Black.*
16200109	Twin Cam 110 – Granite.*

# **'99-'05 Dyna and '99-'06 Touring models. 16200085** Twin Cam 88 – Black.

**16200086** Twin Cam 88 – Silver.

# '04-'05 EFI Dyna and '99-'06 EFI Touring models. 16200091 Twin Cam 95 - Black.\*

16200092 Twin Cam 95 – Silver.\*

03- 00 EFI	Touring models.
16200095	Twin Cam 103 – Black.*
16200096	Twin Cam 103 – Silver.*

# '06-'17 Dyna and '07-'11 Touring models.

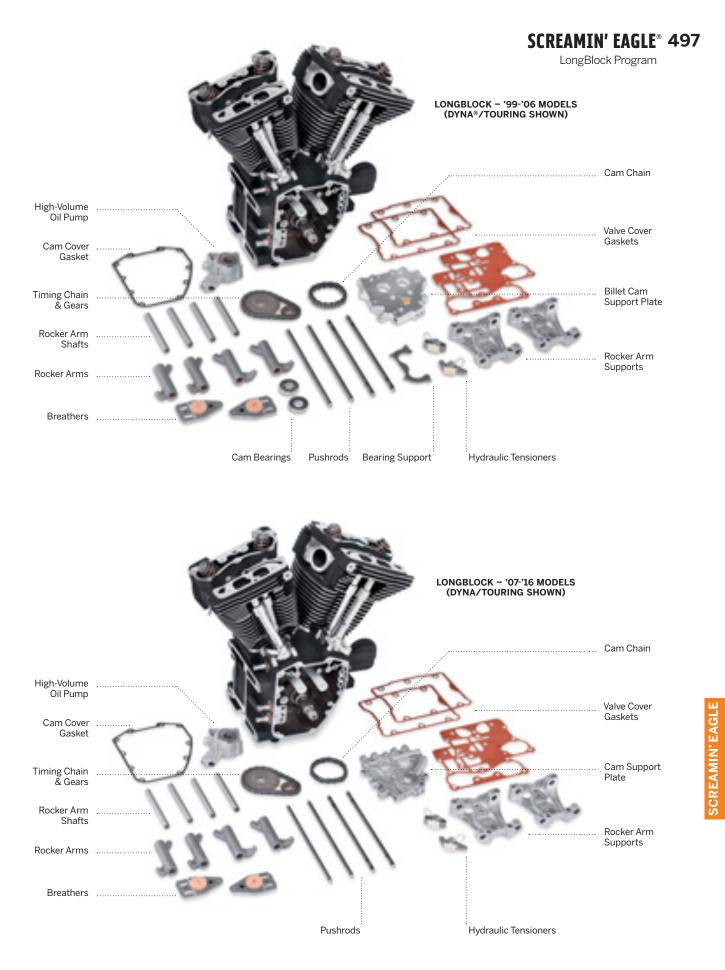
-	5
16200099	Twin Cam 96 – Black.
16200100	Twin Cam 96 – Silver.

# '07-'17 Dyna and '07-'16 Touring models (Includes ACR – Auto Compression Release).

16200103	Twin Cam 103 – Black.*
16200105	Twin Cam 110 – Black.*
16200106	Twin Cam 110 – Granite.*

# '14-'16 Twin-Cooled™ Touring models.

14 10 100	louing mouchs.
16200162	Twin Cam 103 – Black.*
16200163	Twin Cam 110 – Black.*
16200164	Twin Cam 110 – Granite.*



NOTE: All fasteners are included but not shown.