

2015 HARLEY-DAVIDSON®

SCREAMIN' EAGLE® PRO RACING PARTS

COMPETITION & PERFORMANCE PARTS FOR THE EXPERIENCED RIDER



TOO FAST? FOR US, THERE IS NO SUCH THING.

Racing has been the backbone of Harley-Davidson since the story began 111 years ago — bringing hard-core enthusiasts together on the track, in the pits and in the stands. Screamin' Eagle® Pro Racing Parts are designed to race and engineered to win — fueling adrenaline, igniting crowds and delivering high-performance results. Harley-Davidson supports competition on both the professional and amateur levels. Whether fielding championship NHRA® Pro Stock Motorcycle drag racing and AMA flat track teams or encouraging grass-roots racers to hit the strip, Harley-Davidson believes in the spirit of two-wheeled competition.

02	HARLEY-DAVIDSON® RACING	69	EFI TUNERS
04	PUT IT TO THE TEST	72	ENGINE & DRIVETRAIN COMPONENTS
06	ANATOMY OF A PERFORMANCE ENGINE	104	FACTORY-BUILT CRATE ENGINES
10	RACE PARTS INFORMATION	109	LONGBLOCK PROGRAM
11	HARLEY-DAVIDSON STREET™	112	SPECIALTY TOOLS
14	PERFORMANCE EXHAUST	120	INDEX
32	AIR CLEANERS & INTAKE		
52	LEGAL STAGE KITS		
58	RACE STAGE KITS		

For the latest information on Screamin' Eagle® Pro Racing Parts, see your Harley-Davidson® dealer, or visit h-d.com/racing.



HARLEY-DAVIDSON® RACING

NHRA® MELLO YELLO® PRO STOCK MOTORCYCLE RACING

Experience the ultimate in side-by-side two-wheeled competition. This elite class of professional racing delivers a high-octane, high adrenaline rush like no other. With blazing speeds up to 200 mph, NHRA Pro Stock Motorcycle drag racing is the culmination of perfect timing, raw horsepower and flawless precision. *To follow the Screamin' Eagle®/Vance & Hines factory team, visit www.harley-davidson.com/racing.*

NHRA® HARLEY-DAVIDSON® DRAG RACING SERIES

Ever wondered what it would feel like to tear down the track? It's time to make that dream a reality. NHRA competition provides all enthusiasts the opportunity to experience the high-octane adrenaline of drag racing on their own street bike or race-prepped machine. Harley-Davidson is the Series Sponsor—the largest sponsor of all six Screamin' Eagle classes. *For full details, visit www.nhra.com.*

AMA PRO VANCE & HINES HARLEY-DAVIDSON® SERIES

For thrilling high-speed, knee-dragging professional road racing, it's hard to beat this series built around Harley-Davidson® XR1200™ motorcycles. These well-matched machines put rider skill at a premium as they thunder around the most challenging tracks in the country. The close competition attracts some of the sport's best riders, making every 25-mile race completely unpredictable – and unbelievably exciting. *For all the details, visit amaproracing.com.*

AMA PRO FLAT TRACK RACING

Some battles are best fought on the dirt. AMA Pro Flat Track Racing blends tradition with sights, sounds and action to produce the best in wheel-to-wheel competition. Racing at speeds up to 140 mph, purpose-built Harley-Davidson® XR-750-powered motorcycles battle the competition in one of the most exciting sports on two wheels. *To follow the Harley-Davidson® factory team, visit www.harley-davidson.com/racing.*





PUT IT TO THE TEST

The foundation of the Sportsman Draggin' Bagger class is the Screamin' Eagle® SE120R engine, a fully assembled race-use performance engine that is built by Harley-Davidson. The 120-cubic-inch engine produces an awesome 135 horsepower and 137 lb-ft of torque at the rear wheel. The DB class is reserved for '99-later Touring models equipped with the 120R engine and features rules that limit the modifications to ensure low entry cost and a high level of competition. For more information and complete class rules, visit www.NHRAracer.com.

RELIABILITY — RUN AFTER RUN

To help you spend more time on the track and less time spinning wrenches, we also added everything you need to make this motor "bulletproof." High-lift rocker arms live in forged rocker supports, and are motivated by perfect-fit pushrods and roller tappets. The cams are held in place by a billet cam support plate, and the crank rides in a premium Lefty roller bearing. The top and bottom ends are tied together with high tensile cylinder studs, and the power is put to the ground through a billet clutch hub and race disc package.



BIGGER-BORE CYLINDER KIT



MVA CYLINDER HEADS



RACE CLUTCH KIT

ANATOMY OF A PERFORMANCE ENGINE

Power Plant. Milwaukee Muscle. Big Twin. Mill. Whatever you call it, your engine is the single most important factor in improving your bike's performance. Decide whether you want a street-legal Stage Kit for more passing power, or a big-bore monster motor that'll melt the asphalt right off the track. Check out the basics outlined below and let your dealer know how you plan to embarrass your competition. Again.

MOVE MORE AIR & FUEL

Moving more air and fuel through the engine is the easiest (and most cost effective) way to make more horsepower and torque. A free-flowing air cleaner and matching tuned exhaust will add performance you can feel. To optimize engine performance (and to minimize the risk of engine damage), any changes to the intake and exhaust system must be accompanied by an increase in fuel flow. Re-jetting the carburetor or recalibrating the fuel-injection Electronic Control Module (ECM) will alter the amount of fuel and determine the precise moment at which fuel is released into the combustion chamber. Whenever you're planning on making performance upgrades, make sure to consult your Harley-Davidson® dealer about the results you want to achieve.



CAMSHAFTS

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. If you need increased torque to launch a heavy bike off the line, or high horsepower to improve trap speed with a lightweight bike, Screamin' Eagle® cams are available in a wide variety of configurations engineered to help you achieve the results you crave.



FLYWHEELS & CYLINDERS

To reach your displacement goals, Screamin' Eagle® Pro Racing Parts provides big-bore cylinder and stroker flywheel options to meet your specifications.



PISTONS & RINGS

Selecting the proper piston for your engine's performance characteristics is a little bit science, and a little bit art. That's why we design pistons that are matched to specific combinations of bore, stroke, cylinder head design and cam specifications. To minimize wear and improve compression and oil control, many of our Screamin' Eagle® Pistons are equipped with state-of-the-art Stainless Steel Twist (SST) piston rings.



DISPLACEMENT

When it comes to increasing engine power, there's no substitute for cubic inches. Assuming efficient volumetric filling and proper air/fuel mixture, the bigger the displacement, the more power your engine can produce. Essentially, there are three ways to increase your racing engine's displacement: by increasing cylinder bore, by increasing piston stroke, or by increasing both the cylinder bore and piston stroke. Remember, stroke refers to the vertical distance a piston travels inside a cylinder, and bore refers to the diameter of the cylinder chamber in which the piston travels. What all this means is that you can enlarge your racing engine's displacement by installing cylinders with a bigger bore and/or by adding a stroker flywheel and crankshaft combination to increase piston stroke.

DISPLACEMENT CALCULATION

$$1.57 \times \text{Bore} \times \text{Bore} \times \text{Stroke}^*$$

EXAMPLE

110 cubic inch = 4 in. Bore, 4.375 in. Stroke

$$1.57 \times 4 \times 4 \times 4.375 = 109.9$$

*valid for 2-cylinder engine

COMPRESSION RATIO CALCULATION

$$(Vd + Vc) / Vc$$

Vd = volume displaced by 1 cylinder

Vc = volume above the piston

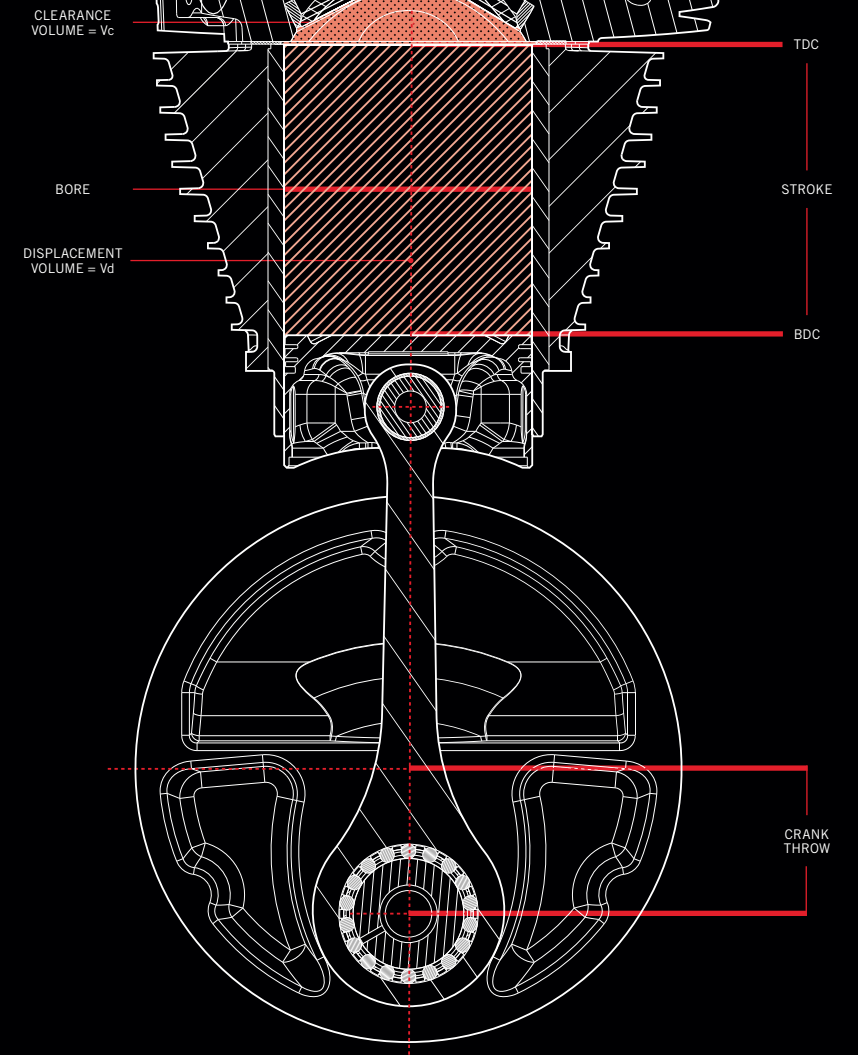
EXAMPLE

(1 cylinder of a 110 cubic inch engine)

$$Vd = 54.95 \text{ cu. in.}$$

$$Vc = 5.78 \text{ cu. in.}$$

$$(54.95 + 5.78) / 5.78 = 10.5:1$$



STAGE KITS

Developed specifically for fuel-injected Harley-Davidson® motorcycles, Screamin' Eagle® EFI Stage Kits offer complete street-legal and racing performance configurations engineered to help you generate specific torque and horsepower gains at a given engine calibration. Eliminating all the guesswork and trial-and-error 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. Always consult with your dealer about any Stage Kit-related modifications.



PISTONS & HEADS

Once you've increased your engine's displacement, you need to select complementary components that provide an ideal compression ratio for your specific situation. You can actually increase race engine power solely by boosting the compression ratio — the amount of pressure resulting from "squeezing" the air/fuel mixture — inside the cylinder's combustion chamber. The shape of the combustion chamber, which is dictated by the design of the cylinder heads and pistons, also has an effect on how efficiently the air/fuel mixture is drawn into the cylinder, burned and then expelled. Screamin' Eagle® Cylinder Heads offer a fusion of innovative port shapes and proven valve train components that produce race-winning power. And when matched with Screamin' Eagle® Pistons, which feature a range of designs for faster burn patterns and specific performance results, they can help put the competition at your back.



THROTTLE BODIES

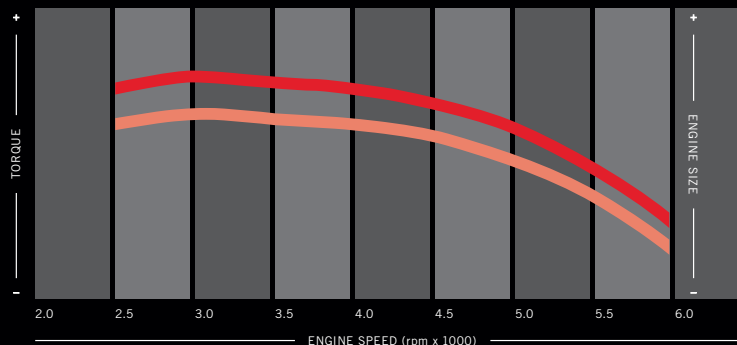
Big-inch race engines equipped with high-flowing heads, high-lift cams and open exhaust need large quantities of air/fuel mix to maximize their performance potential. Adding a big-bore throttle body that's matched to the engine's power characteristics is the next step. Teaming high-flow injectors with a port-matched throttle-body and intake manifold delivers the combustible mixture with the right combination of velocity and swirl to fill the cylinder for maximum bang.

PERFORMANCE TUNING

Modifying an EFI-equipped motorcycle for racing is similar to modifying a carbureted model, in that freer-flowing intake and exhaust systems will require more fuel, and increased displacement and compression will require more fuel as well as spark timing changes. The Screamin' Eagle® Pro Super Tuner provides the computer-based tools you need to record and edit the ECM tuning tables for fuel delivery and spark timing. The Tuning Mode allows you to alter specific variables in your EFI system, and the Data Mode enables you to record and display real-time vehicle data and graph the results on screen. The Super Tuner software also includes a variety of pre-tuned race-application calibrations that can be saved and loaded into your ECM.



PERFORMANCE BASICS

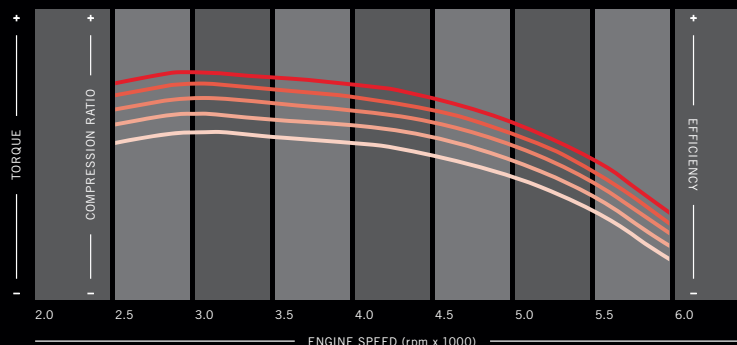
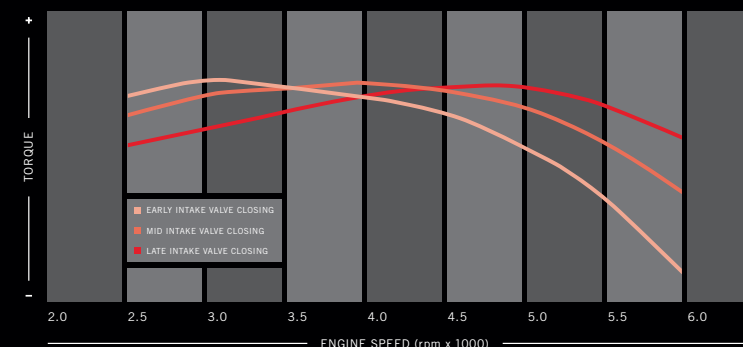


THE GENERAL EFFECTS OF INCREASING DISPLACEMENT ON ENGINE PERFORMANCE

Increasing engine displacement is an easy way to increase the output of an engine. Displacement increases tend to increase the output of the engine across the entire engine speed range. Big-bore pistons and cylinder and/or stroker kits are available to increase engine displacement.

THE GENERAL EFFECTS OF CAM TIMING ON ENGINE PERFORMANCE

The intake closing point relative to bottom center listed in the table on pages 75 and 77 can be used as a "general" indicator for the shape of the torque curve. As illustrated in this graph, earlier intake closing values will result in higher torque at low engine speeds (along with lower torque at high engine speeds). Later intake closing values will result in higher torque at high engine speeds (along with lower torque at low engine speeds).



THE GENERAL EFFECTS OF COMPRESSION RATIO ON ENGINE PERFORMANCE

Increasing the compression ratio is a common method for increasing an engine's performance. Increasing the compression ratio increases the thermal efficiency of the engine, resulting in improved engine performance across the entire engine speed range.

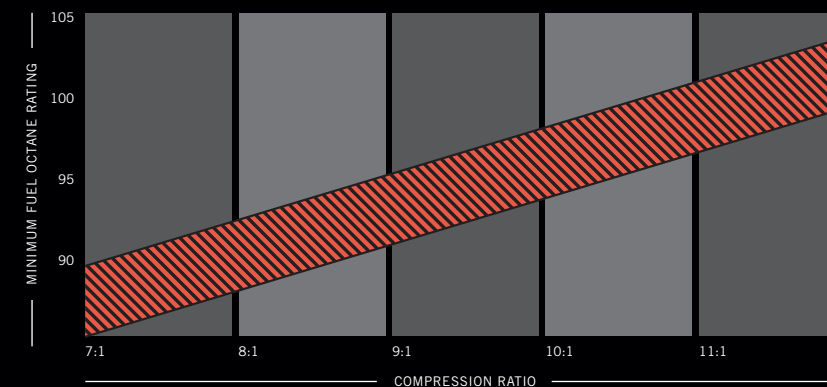
High-compression pistons are an easy way to increase compression ratio. See page 80 for recommended head and piston combinations.

Increasing the compression ratio will likely result in a need to run higher-octane fuels and less spark advance to avoid harmful spark knock.

THE GENERAL EFFECTS OF COMPRESSION RATIO ON FUEL QUALITY REQUIREMENTS

Increasing the compression ratio of an engine will likely result in a need to run higher-octane fuel in the motorcycle. This graph shows the general trend for minimum required fuel octane rating for various compression ratios.

Cam selection also plays an important role in fuel quality requirements. For a given compression ratio, cams with an early intake valve closing value will likely require higher-octane fuel than cams with a later intake valve closing value.



RACE PARTS INFORMATION

WARRANTY & CAUTION

OVERVIEW Harley-Davidson has the engineering expertise, sophisticated dyno lab and complete testing facilities to provide enthusiasts 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-legal offerings installed by authorized Harley® dealers, may void your H-D® limited vehicle warranty. See your dealer for more information.

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

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

CAUTION ICONS



GO LIGHT These Screamin' Eagle products are 50-state street-legal for sale and use on all vehicles, including those that are pollution controlled.



STOPHAND Harley-Davidson motorcycles modified with some performance engine parts must not be used on public roads and, in some cases, may be restricted to closed-course competition. Those performance parts identified with a stophand symbol are U.S. EPA legal, but are NOT legal for sale or use in California on pollution-controlled motor vehicles. California guidelines on tampering can also lead to substantial fines and penalties.



CROSSED FLAGS Harley-Davidson motorcycles modified with some Screamin' Eagle performance engine parts must not be used on public roads and, in some cases, may be restricted to closed-course competition. All engine-related performance parts identified with the crossed flags symbol are intended for racing applications only and are not legal for sale or use in California on pollution-controlled vehicles. Alterations of emission-related components constitutes tampering under the U.S. EPA guidelines and can lead to substantial fines and penalties.



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

PERFORMANCE VS. NOISE

Contrary to popular opinion, just because a bike is loud doesn't necessarily mean it performs better. In most cases, a certain amount of backpressure, which is generated primarily by the baffles in a muffler, is needed to effectively scavenge burnt fuel and air from the engine's cylinders and increase performance. Straight pipes that contain no baffles are only advantageous in very specific racing applications, namely for running lightweight bikes that have been tuned for high-horsepower, high-RPM operation on the drag strip. Most bikes running in ET-classes that require a fast starting-line launch need an exhaust system designed to add additional torque throughout the RPM range.

TUNING

Remember, your engine is a complex system of interrelated components that rely on each other to function properly. When you change your exhaust, you will most likely have to tune other parts of the system—like your air and fuel flow—to create the optimum synergy between components and maximize their on-track performance potential in the RPM range in which you'll be running.

HARLEY-DAVIDSON STREET™

REVOLUTIONARY PERFORMANCE

Moving more air and fuel through the Revolution X™ engine is the easiest way to make more horsepower and torque. Free-flow air cleaner elements are simple to install and bring a big performance boost for the dollars invested and a sweet-sounding Street Performance muffler deliver power you can feel across a broad RPM range.



12 STREET™

Air Cleaners

A. 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. All EFI-equipped models require ECM calibration* (priced separately). **For race application only.**

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

Fits '15-later XG models.

29400208 Agitator – Cut Back Black.

29400207 Chisel – Cut Back Black.



A. EXTREME BILLET AIR CLEANER KIT – AGITATOR

B. SCREAMIN' EAGLE PERFORMANCE AIR CLEANER KIT



This kit provides a freer breathing capability to pump-up the power of your EFI-equipped motorcycle. Air Cleaner features a washable high-flow, oiled cotton media element. Kit includes a high-flow air filter element, Screamin' Eagle® air cleaner medallion and all required hardware.

29400197

Fits '15-later XG models.

Also available:

SCREAMIN' EAGLE AIR CLEANER MEDALLION

Dress your air cleaner in style. Easy-to-install medallion features brilliant Screamin' Eagle script and Harley-Davidson lettering set against a rich black background. Self-adhesive backing for easy installation.

61300364

Fits '15-later XG models.



A. EXTREME BILLET AIR CLEANER KIT – CHISEL



B. SCREAMIN' EAGLE PERFORMANCE AIR CLEANER KIT

STREET™ 13

Exhaust

STREET



C. SCREAMIN' EAGLE NIGHTSTICK 2-INTO-1 SLIP-ON MUFFLER

C. SCREAMIN' EAGLE® NIGHTSTICK 2-INTO-1 SLIP-ON MUFFLER*



Tuned by the factory for the ultimate combination of rich tone and legal sound levels, this slip-on muffler is the perfect match for your Harley-Davidson® model. The high-flow 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 multiple stainless steel diffusion discs and domed end cap deliver an aggressive raspy sound. Available in jet black finish, these long and lean pipes feature an embossed Screamin' Eagle® logo. Easy to install.

Fits '15-later XG models.

64900220 Jet Black, Domestic.

D. SCREAMIN' EAGLE BUCKSHOT EXHAUST SHIELD KIT

These custom exhaust shields feature a perforated "Buckshot" design to expose the head pipe for a raw rebellious look. These exhaust shields are a perfect match for Original Equipment or Screamin' Eagle muffler and complement the blacked out Harley-Davidson Street™ model. Manufactured to Original Equipment standards for exacting fit, the easy-to-install kit includes front and rear head pipe shields.

65400167 Jet Black.

Fits '15-later XG models.

E. MUFFLER END CAP – EDGE CUT

This Edge Cut End Cap kit allows you to personalize your Original Equipment mufflers. These easy-to-install caps are dressed with the same black-anodized finish as the Edge Cut Collection for a consistent look front to back and feature machined aluminum accents for a modern touch.

65100056

Fits '15-later XG models with Original Equipment muffler.



D. SCREAMIN' EAGLE BUCKSHOT EXHAUST SHIELD KIT



E. MUFFLER END CAP – EDGE CUT



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.

PERFORMANCE EXHAUST

MORE THAN JUST HOT AIR

The sound of a Harley-Davidson® motorcycle grabs the heart and moves the soul. The unique pulse of the V-Twin engine sets the rhythm and Screamin' Eagle® Street Performance Mufflers belt out the song. The complete line of Street Performance Mufflers is tuned to enhance the bass notes and deliver a rich melodic tone from idle to wide-open throttle. These stylish slip-on mufflers produce real-world performance improvements over a wide RPM range, while maintaining street-legal EPA-approved sound levels.





A. SCREAMIN' EAGLE STREET CANNON SLIP-ON MUFFLERS – CHROME
(SHOWN WITH CHROME BUCKSHOT EXHAUST SHIELDS)



A. SCREAMIN' EAGLE STREET CANNON SLIP-ON MUFFLERS – JET BLACK
(SHOWN WITH JET BLACK BUCKSHOT EXHAUST SHIELDS)



B. SCREAMIN' EAGLE END CAPS – CHROME SLASH CUT



B. SCREAMIN' EAGLE END CAPS – JET BLACK WITH SE SCRIPT

A. SCREAMIN' EAGLE® STREET CANNON SLIP-ON MUFFLERS – SPORTSTER®

These 3.25" street legal 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. EPA stamped. Complete the look with your choice of 3.25" end caps (sold separately).

Fits '14-later XL models. Installation requires separate purchase of End Caps and Muffler Clamps P/N 65296-95A (Qty 2).

64900208 Chrome.

64900209 Jet Black w/muffler shields.

B. SCREAMIN' EAGLE 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 Screamin' Eagle 3.25" Street Cannon Mufflers P/N 64900208 and 64900209.

65100049 Chrome Slash Cut.

65100048 Jet Black with SE Script.

16 EXHAUST

Sportster® Exhaust

A. SCREAMIN' EAGLE® STREET PERFORMANCE SLIP-ON MUFFLERS – SPORTSTER®

Street legal 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. EPA stamped, these mufflers are 50-state street legal on stock '07-later model engines.

Fits '07-'13 XL models. Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2).

80503-07 Chrome.

80726-09A Jet Black.



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

B. HARLEY-DAVIDSON® SLIP-ON MUFFLERS – SPORTSTER

These brilliant chrome-finished mufflers feature a classic slash down or tapered baloney cut design that adds a custom touch to any XL. The 49-state street legal mufflers offer great sound quality and feature the "Harley-Davidson" script on the rear muffler. Not legal for sale or use on California catalyst-equipped vehicles.

Fits '06 XL models.

80417-06 Tapered Baloney Cut.

80416-06 Slash Down.

Fits '04-'05 XL models.

80415-04 Slash Down.

80412-04 Tapered Baloney Cut.

Fits '98-'03 XL (except 883R), '92-'03 883 Hugger™, '96-'03 XL1200C and '92-'03 XL models equipped with Profile® Low Rear Suspension P/N 54571-94A.

80102-97 Baloney Cut.



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



B. HARLEY-DAVIDSON SLIP-ON MUFFLERS – SLASH DOWN

NOTE: Due to increased diameter of these mufflers 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: 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.



B. HARLEY-DAVIDSON SLIP-ON MUFFLERS – TAPERED BALONEY CUT



C. SCREAMIN' EAGLE JET BLACK HEADER PIPES (65600155 SHOWN)

C. SCREAMIN' EAGLE® 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 sinister 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.

80887-10
Fits '04-'13 XL models.

D. SCREAMIN' EAGLE 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-to-install kit includes front and rear head pipe shields.

Fits '14-later XL models.

65400137 Jet Black.

65400143 Chrome.

Fits '04-'13 XL models.

64601-10 Chrome.

64924-09 Jet Black.

64900128 Brushed Nickel.

E. 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, jet black and brushed nickel. Easy-to-install kit includes front and rear shields and mounting hardware.

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

64806-07A Chrome.

65400078 Jet Black.

65400079 Brushed Nickel.



C. SCREAMIN' EAGLE JET BLACK HEADER PIPES (65600155 SHOWN)



C. SCREAMIN' EAGLE JET BLACK HEADER PIPES (80887-10 SHOWN)



D. SCREAMIN' EAGLE BUCKSHOT EXHAUST SHIELD KIT – CHROME



D. SCREAMIN' EAGLE BUCKSHOT EXHAUST SHIELD KIT – JET BLACK



D. SCREAMIN' EAGLE BUCKSHOT EXHAUST SHIELD KIT – BRUSHED NICKEL



E. SCREAMIN' EAGLE MUFFLER SHIELDS

NOTE: Due to increased diameter of these mufflers 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: 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.

18 EXHAUST

Dyna® Exhaust

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 high-flowing 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 legal. Available in your choice of rich chrome or heat-resistant jet black ceramic finish. Jet black mufflers include matching 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. EPA stamped, these mufflers are 50-state street legal on stock displacement engines.

Fits 50-state '07-later FXD, FXDB, 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).

80678-08 Chrome.

80794-10A Jet Black w/ Muffler Shields.



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



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



A. SCREAMIN' EAGLE STREET PERFORMANCE SLIP-ON SHORTY DUAL MUFFLERS – JET BLACK
(SHOWN WITH BRUSHED NICKEL MUFFLER AND 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.



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



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



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

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 cut-out chambers that expose the finish below for a bold contrast. Complete the look with Jet Black or Brushed Nickel Exhaust Shields (sold separately). Mufflers are 50-state street legal on 96CI or 103CI displacement models.

Fits '08-later FXDF and '10-later FXDWG models equipped with 96CI or 103CI engines. Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2).

- | | |
|------------------|--------------------------------------|
| 80674-08A | Chrome w/Black End Caps. |
| 80601-09A | Jet Black w/Chrome End Caps. |
| 64900124 | Jet Black w/Brushed Nickel 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.

20 EXHAUST

Dyna® Exhaust

A. SCREAMIN' EAGLE® NIGHTSTICK 2-INTO-1 SLIP-ON MUFFLERS – DYNA®

Tuned by the factory for the ultimate combination of improved performance, rich tone and legal sound levels, these 50-state street legal slip-on mufflers are the perfect match for your Dyna® Switchback™ model. The high-flow 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. EPA stamped.

Fits '12-later FLD models.

80872-12 Chrome.

64900137 Jet Black.

Fits '14-later FXDL models.

64900243 Chrome.

64900242 Jet Black.

B. HARLEY-DAVIDSON® SLIP-ON MUFFLERS – DYNA

Harley-Davidson® Slip-On Mufflers for Dyna models. Choose your style, slash down or baloney cut. These 50-state street legal mufflers offer great sound quality, improved performance and feature the "Harley-Davidson" script on the rear muffler.

Fits '95-'05 Dyna models.

80366-99 Slash Down.

80104-99 Baloney Cut.



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



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



B. HARLEY-DAVIDSON SLIP-ON MUFFLERS – SLASH DOWN

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.



C. SCREAMIN' EAGLE EXHAUST SHIELD KIT – DYNA SHORTY DUAL

C. SCREAMIN' EAGLE® EXHAUST SHIELD KIT – DYNA® SHORTY DUAL

Extend the custom look along the bike's entire profile. These formed steel exhaust shields are available in your choice of unique jet black ceramic or warm brushed nickel finish that complements jet black Screamin' Eagle® Street Performance Slip-On Mufflers. Both finishes have 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.

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

80821-10 Jet Black.

64900127 Brushed Nickel.

D. SCREAMIN' EAGLE EXHAUST SHIELD KIT – DYNA STAGGERED DUAL

Add a custom touch to your ride. These formed steel exhaust shields are available in your choice of tough jet-black ceramic or unique electroless nickel plated finish that looks just right when paired with jet black Screamin' Eagle Street Performance Slip-On Mufflers. The warm look of the nickel complements both bright and satin paint colors and 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.

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

65247-09 Jet Black.

64900129 Brushed Nickel.

E. SCREAMIN' EAGLE 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.

Fits '12-later FLD models.

65400088 Jet Black.

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

65400172 Jet Black.

F. 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, jet black and brushed nickel. Easy-to-install kit includes front and rear shields and mounting hardware.

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

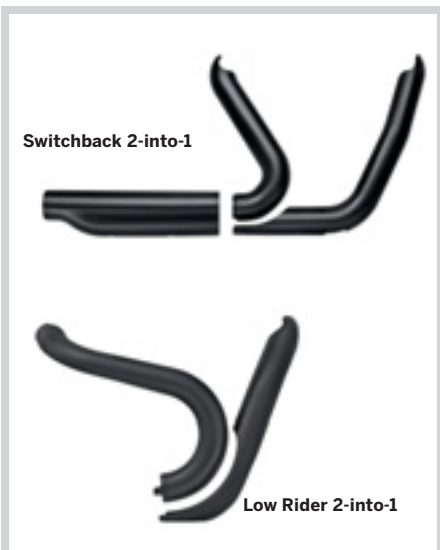
64806-07A Chrome.

65400078 Jet Black.

65400079 Brushed Nickel.



D. SCREAMIN' EAGLE EXHAUST SHIELD KIT – DYNA STAGGERED DUAL



E. SCREAMIN' EAGLE EXHAUST SHIELD KIT – DYNA 2-INTO-1



F. SCREAMIN' EAGLE MUFFLER SHIELDS

22 EXHAUST

Softail® Exhaust

A. SCREAMIN' EAGLE® STREET PERFORMANCE SLIP-ON MUFFLERS – SOFTAIL® SHORTY DUAL

Tough sound, nice performance. Street Performance Mufflers feature high-flowing internals to maximize performance, developing improved low end grunt and passing power you can feel. The ballistic-shaped inlet and tuned baffles produce a rich, aggressive exhaust note that lets everyone know you're around. Available in rich chrome or heat-resistant jet black finish, jet black mufflers include matching 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. EPA stamped, these mufflers are 50-state street legal on stock displacement engines.

Fits '07-later Softail® models equipped with Staggered Shorty Dual exhaust. Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2).

80679-12 Chrome.

80813-12 Jet Black w/Muffler Shields.



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



A. SCREAMIN' EAGLE STREET PERFORMANCE SLIP-ON SHORTY DUAL MUFFLERS – JET BLACK W/ MUFFLER SHIELDS (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.

EXHAUST 23

Softail® Exhaust



B. SCREAMIN' EAGLE STREET PERFORMANCE SLIP-ON SHOTGUN MUFFLERS – CHROME, SLASH DOWN (SHOWN WITH SCREAMIN' EAGLE MUFFLER SHIELDS)

B. SCREAMIN' EAGLE® STREET PERFORMANCE SLIP-ON MUFFLERS – SOFTAIL® SHOTGUN

Tough sound, nice performance. Street Performance Mufflers feature high-flowing internals to maximize performance, developing improved low end grunt and passing power you can feel. The ballistic-shaped inlet and tuned baffles produce a rich, aggressive exhaust note that lets everyone know you're around. Available in rich chrome or heat-resistant jet black finish, these mufflers finish your bike's adrenaline-driven look. Jet black mufflers include matching Screamin' Eagle® signature script muffler shields. Chrome mufflers allow for the reuse of stock muffler shields or the separate purchase of Chrome "Screamin' Eagle" Script Muffler Shields. EPA stamped, these mufflers are 50-state street legal on stock displacement engines.

Fits '07-later FXS, FLS, FLSTN and FLSTSB models equipped with shotgun exhaust. Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2).

80681-12 Chrome.

80781-12 Jet Black w/Muffler Shields.

Fits '07-later FLSTF, FLSTFB and FXSTD models equipped with shotgun exhaust. Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2).

80680-12 Chrome.

80621-12 Jet Black w/Muffler Shields.



B. SCREAMIN' EAGLE STREET PERFORMANCE SLIP-ON SHOTGUN MUFFLERS – JET BLACK W/ MUFFLER SHIELDS, SLASH DOWN (SHOWN WITH 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.

24 EXHAUST

Softail® Exhaust

A. SCREAMIN' EAGLE® FAT EXHAUST SHIELD KIT

These Fat Exhaust Shields transform your bike into a bruiser by giving the head pipes a thick and muscular appearance. This kit replaces the stock header heat shields with a large diameter version that blends with the outer diameter of the muffler, giving the appearance of a larger exhaust system without compromising sound or performance. This easy-to-install kit includes front and rear heat shields.

Fits '07-later FXS, FLSTF and FLSTFB models.

65400001 Chrome.

65400082 Jet Black.



A. SCREAMIN' EAGLE FAT EXHAUST HEAT SHIELD KIT – CHROME

B. SCREAMIN' EAGLE 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 Jet Black.

Fits '07-later FLSTF, FLSTFB, FXS and FXSTD models equipped with shotgun exhaust.

2. 80829-10A Jet Black.

Fits '07-later FLS, FLSTSB and FLSTN models.

3. 80818-10 Jet Black.

Fits FXSB, FXSBSE, '08-'11 FXCW and FXCWC models equipped with shorty dual exhaust.



A. SCREAMIN' EAGLE FAT EXHAUST HEAT SHIELD KIT – JET BLACK



B. SCREAMIN' EAGLE EXHAUST SHIELD KIT – SOFTAIL



C. SCREAMIN' EAGLE THUNDER STREET PERFORMANCE MUFFLERS – CHROME (SHOWN WITH PISTON END CAPS)

C. SCREAMIN' EAGLE® THUNDER STREET PERFORMANCE SLIP-ON MUFFLERS



Hear the thunder long before the storm hits. Screamin' Eagle® 3.5" Performance Mufflers provide increases in torque and horsepower you can feel. Designed to work with the header-mounted catalyts, these pipes feature an open baffle design that produces a rich, deep base note that meets 50-state sound level requirements. Internal insulation protects the rich chrome finish from heat and discoloration. Fitted with your choice of stylish end caps (sold separately), these easy-to-install slip-on mufflers make the styling and sound statement you are looking for.

Fits 50-state '10-later Touring models (except '10 FLHX and FLTRX and models equipped with 110CI engines). Also fits '09 California Touring models. Does not fit Trike models. Requires separate purchase of End Cap Kit and Muffler Clamps P/N 65296-95A (Qty 2).

- | | |
|-----------------|------------|
| 65115-10 | Chrome. |
| 65430-10 | Jet Black. |

D. SCREAMIN' EAGLE END CAPS

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.

Fits Touring models equipped with Screamin' Eagle 3.5" diameter Thunder Street Performance Slip-On Mufflers P/N 65115-10 and 65430-10.

- | | |
|--------------------|-------------------------------------|
| 1. 80629-10 | Piston. |
| 2. 80630-10 | Slash Cut. |
| 3. 65100013 | Black with Chrome Spears. |
| 4. 65100014 | Chrome with Black Spears. |
| 5. 65100029 | Jet Black – Screamin' Eagle Script. |
| 6. 65100035 | Burst Collection. |



C. SCREAMIN' EAGLE THUNDER STREET PERFORMANCE MUFFLERS – JET BLACK (SHOWN WITH BLACK WITH CHROME SPEARS END CAPS)



D. SCREAMIN' EAGLE 3.5" END CAPS

26 EXHAUST

Touring Exhaust

A. 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 separately) to provide the perfect finishing touch.

Fits 50-state '09-later Touring and Trike models (except '10 FLHX and FLTRX and models equipped with 110CI engines). Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2). Requires separate purchase of end caps.

64900186 Chrome.

64900187 Jet Black.

B. 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 mirror-chrome or black finish to match your customizing style (sold in pairs).

Fits '97-'13 Touring models. Fits Screamin' Eagle Street Performance Touring 4.0" 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.

80812-10 Black.

80716-08 Chrome.



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



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



B. MUFFLER BRACKET COVER KIT – CHROME



B. MUFFLER BRACKET COVER KIT – BLACK

NEW



C. THE BURST COLLECTION – 4" END CAPS



D. SCREAMIN' EAGLE 4" END CAPS – REVOLVER

C. THE BURST COLLECTION – 4" END CAPS

Sculpted machining sends reflections of light in all directions. Burst Collection Muffler End Caps feature a rich black anodized finish that is machined to expose the highlights of raw aluminum. The contrasting cut-back look makes a powerful visual statement and works great with both chrome and jet black mufflers.

65100054

Fits Touring and Trike models equipped with Screamin' Eagle® Street Performance Touring 4.0" End Cap Mufflers. Does not fit 4.0" CVO™ Touring mufflers.

D. SCREAMIN' EAGLE® 4" END CAPS

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 Touring and Trike models equipped with Screamin' Eagle Street Performance Touring 4.0" End Cap Mufflers. Does not fit 4.0" CVO Touring mufflers.



D. SCREAMIN' EAGLE 4" END CAPS – PISTON



D. SCREAMIN' EAGLE 4" END CAPS – SLASH UP/DOWN/OUT

65100016 Revolver.

65100015 Piston.

65100019 Slash Up/Down/Out.

65100018 Billet Tapered Slash.

65100017 Fishtail.

65100028 Jet Black.

80611-09 Blunt Revolver.



D. SCREAMIN' EAGLE 4" END CAPS – BILLET TAPERED SLASH



D. SCREAMIN' EAGLE 4" END CAPS – FISHTAIL



D. SCREAMIN' EAGLE 4" END CAPS – JET BLACK



D. SCREAMIN' EAGLE 4" END CAPS – BLUNT REVOLVER

28 EXHAUST

Touring Exhaust

A. SCREAMIN' EAGLE® HIGH-FLOW EXHAUST SYSTEM WITH NIGHTSTICK MUFFLERS

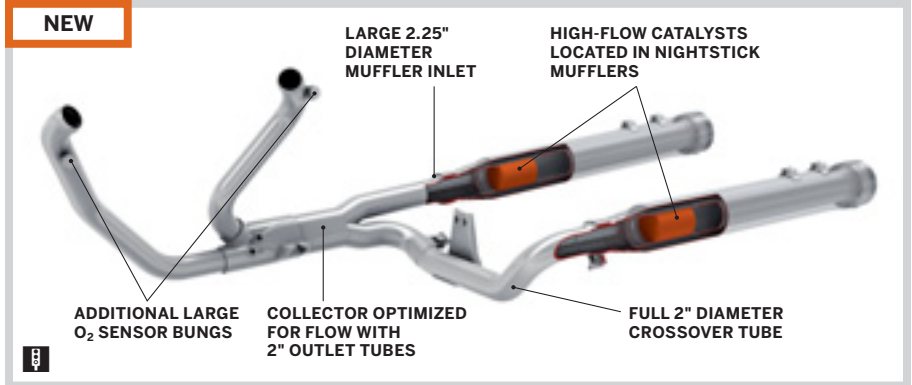
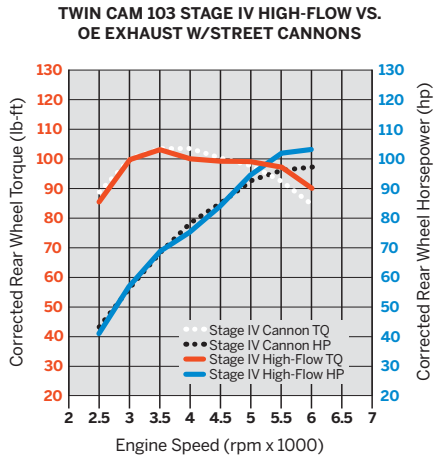
The Screamin' Eagle® High-Flow Exhaust system provides bolt-on performance by reducing catalyst restrictions and improving exhaust flow. Optimized for CVO™ 110 and Screamin' Eagle Stage Kit engine configurations producing 80-100+ HP, the kit replaces the stock head pipe and mufflers with large diameter 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 numbers – this system can produce 5-7 hp gains on a 110CI motor and 8-10 hp gains on a 120CI motor when compared to the Original Equipment exhaust system. Extra oxygen sensor bungs permit attachment of tuning equipment. Kit includes head pipe, 2.25" inlet Nightstick mufflers with catalysts and a collector and crossover tube heat shield. 50-state legal.

64800022

Fits '10-'15 Touring models equipped with a 103 or 110CI engine.



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



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



A. SCREAMIN' EAGLE HIGH-FLOW EXHAUST SYSTEM WITH NIGHTSTICK 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.



B. SCREAMIN' EAGLE NIGHTSTICK 2-INTO-2 SLIP-ON MUFFLERS – CHROME

B. SCREAMIN' EAGLE® NIGHTSTICK SLIP-ON MUFFLERS – 2-INTO-2



Tuned by the factory for the ultimate combination of improved performance, rich tone and legal sound levels, these 50-state street legal slip-on mufflers are the perfect match for your Touring motorcycle. The high-flow design of the external diffusion discs produces plenty of low-end "guts" for getting your fully-loaded bike away from the light and a fat torque curve that gets you quickly around a slow-moving RV. Available in your choice of mirror-chrome or tough jet-black ceramic finishes, these long and lean mufflers feature an embossed Screamin' Eagle® logo and are flared to an aggressive 4.0" opening at the rear. The multiple stainless steel diffusion discs are capped with a complementing end cap and stainless hardware for a classic finishing touch. Designed for easy installation on the Original Equipment header pipe and muffler hanger. EPA stamped, this muffler is 50-state street legal on stock displacement engines.

Fits 50-state '10-later Touring models with dual exhaust. Also fits '09 California Touring models. Does not fit Trike models. Requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2).

64900093 Chrome.

64900091 Jet Black.

Also available:

SCREAMIN' EAGLE NIGHTSTICK SLIP-ON MUFFLERS – 2-INTO-1



Maximize the performance of your 2-into-1 exhaust-equipped 2010 Street Glide® or Road Glide® model. Designed for easy installation on the Original Equipment header pipe and muffler hanger, this long and lean muffler provides the right combination of airflow and back pressure to boost the performance and sound quality of your bike. EPA stamped, this muffler is 50-state street-legal on stock displacement engines.

Fits 50-state '10 FLHX and FLTRX models with Original Equipment 2-into-1 exhaust. Installation requires separate purchase of Muffler Clamp P/N 65296-95A (Qty 2). Also fits '10-later Touring models equipped with 2-into-1 Head Pipe Kit.

80881-10A Chrome.

80846-10 Jet Black.

C. SCREAMIN' EAGLE FATSHOTZ SLIP-ON MUFFLERS – 2-INTO-2



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. EPA stamped, these mufflers are 50-state street legal on stock displacement engines.

80847-10

Fits 50-state '10-later Touring and Trike models with dual exhaust (except '14-later FLHRSE and FLHTKSE). '10 FLHX and FLTRX models require separate purchase of Touring 2-into-2 Head Pipe Kit. Also fits '09 California Touring and Trike models. Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2).



B. SCREAMIN' EAGLE NIGHTSTICK 2-INTO-2 SLIP-ON MUFFLERS – JET BLACK



C. SCREAMIN' EAGLE FATSHOTZ 2-INTO-2 SLIP-ON 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.

30 EXHAUST

Touring Exhaust

A. SCREAMIN' EAGLE® STREET PERFORMANCE SLIP-ON MUFFLERS

Street Performance one-piece touring mufflers feature an aggressive exhaust note and high-flowing internals to maximize performance. These easy-to-install slip-on mufflers feature free-flowing internals to combine aggressive sound quality with performance comparable to Screamin' Eagle® II race-use mufflers. Available in your choice of mirror-chrome or tough jet-black ceramic finish, these street legal mufflers feature a new ballistic-shape inlet and a deep embossed "Screamin' Eagle" signature script. EPA stamped.

Fits 50-state '09-later Touring models (except '10 FLHX and FLTRX) equipped with Twin Cam 96™ engines. Does not fit Trike models. Installation requires separate purchase of Muffler Clamps P/N 65296-95A (Qty 2).

80721-09 Chrome.

80742-09A Jet Black.

B. SCREAMIN' EAGLE 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 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. 64981-09 Jet Black 2-into-2 Exhaust.

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

2. 66906-10 Jet Black 2-into-1 Exhaust.

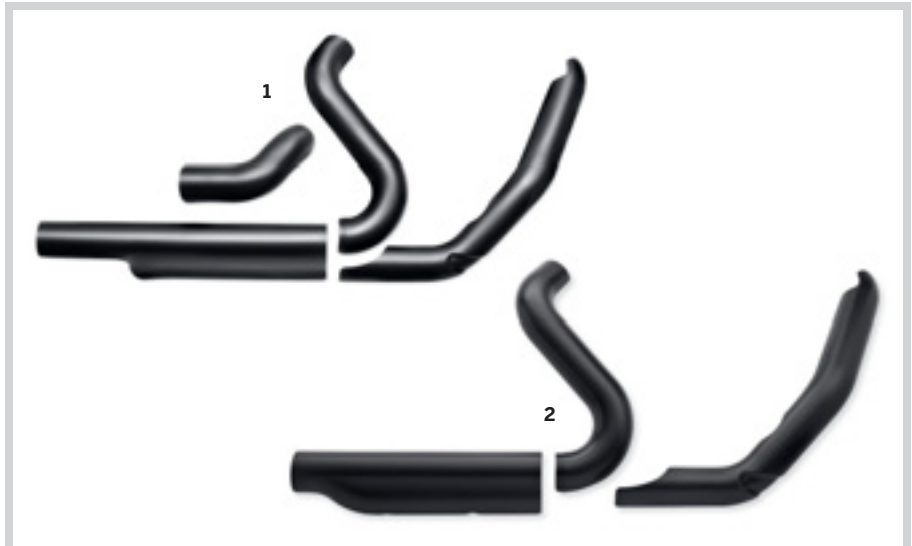
Fits '10 FLHX and FLTRX models with Original Equipment 2-into-1 exhaust.



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



A. SCREAMIN' EAGLE STREET PERFORMANCE SLIP-ON MUFFLERS – JET BLACK



B. SCREAMIN' EAGLE EXHAUST SHIELD KIT – TOURING



C. SCREAMIN' EAGLE LASER EXHAUST SHIELD KIT – CHROME WITH CHROME SCREENS

C. SCREAMIN' EAGLE® 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-later Touring and Trike models (except '10 FLHX and FLTRX).

65400064 Chrome with Chrome Screens.

65400117 Jet Black with Stainless Steel Screens.

D. SCREAMIN' EAGLE PRO EXHAUST WRAP KIT ❄️❄️

Give your bike the ultimate old school look with Screamin' Eagle Exhaust Wrap. This premium exhaust wrap is available in three colors: Bronze, Midnight Grey and Off-White. Each kit includes a 2.0" x 25' roll of exhaust wrap and 10 stainless steel ties, enough to complete any Harley-Davidson® air-cooled model application. **For race application only.**

65858-08 Midnight Grey.

11100026 Bronze.

65855-08 Off-White.



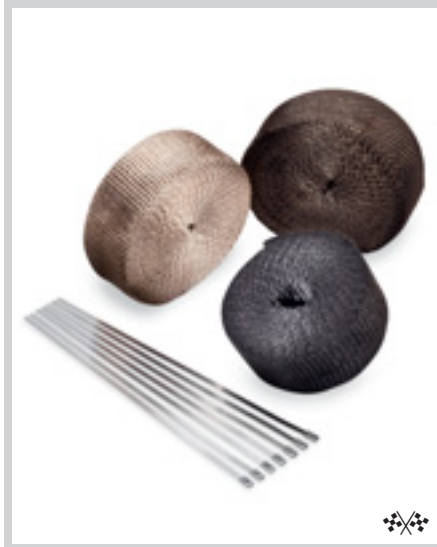
C. SCREAMIN' EAGLE LASER EXHAUST SHIELD KIT – CHROME WITH CHROME SCREENS



C. SCREAMIN' EAGLE LASER EXHAUST SHIELD KIT



C. SCREAMIN' EAGLE PRO EXHAUST WRAP KIT – (MIDNIGHT GREY SHOWN)

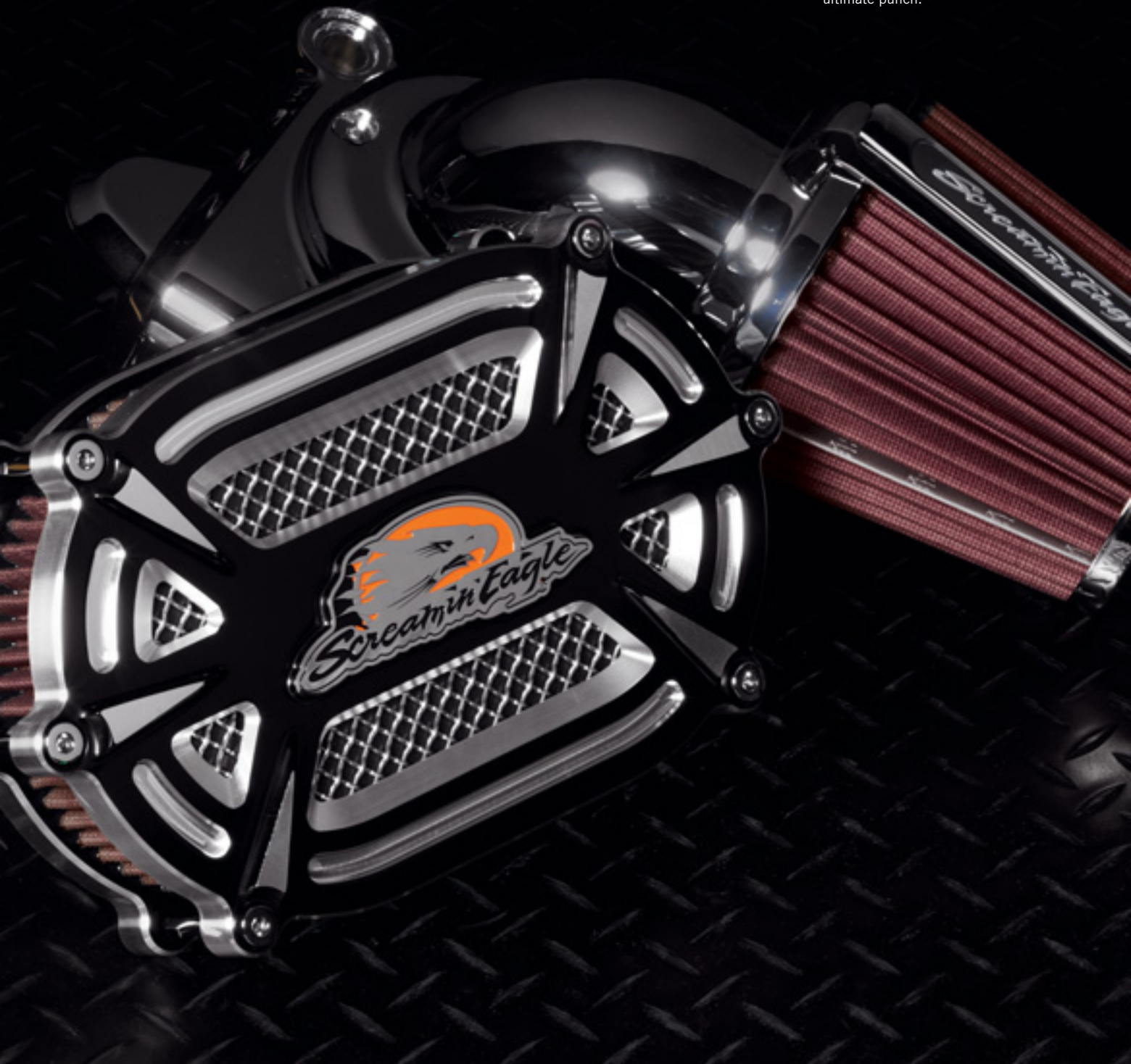


D. SCREAMIN' EAGLE PRO EXHAUST WRAP KIT

AIR CLEANERS & INTAKE

TAKE A DEEP BREATH

Improved airflow equals more power. Adding a performance air cleaner and a set of system-matched slip-on mufflers to your bike produces the most “bang for the buck” when it comes to performance additions. And for the most competitive track ride, a big-bore throttle body and high-flow injectors will deliver the ultimate punch.





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

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

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, the Heavy Breather Elite kit features a washable and re-chargeable filter 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. All EFI-equipped models require ECM calibration* (priced separately).

Fits '14-later Touring models. Does not fit models equipped with Twin-Cooled™ engine, fairing lower glove boxes or fairing lower speakers. Street Legal when used with Original Equipment throttle body or with Screamin' Eagle Street Performance Big Bore Stage 4 Kit P/N 92500011.

29400173 Chrome.

29400172 Gloss Black.

*Recalibration is required for proper installations. See dealer for details. Labor costs not included.

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 HEAVY BREATHER ELITE PERFORMANCE AIR CLEANER KIT – GLOSS BLACK



SCREAMIN' EAGLE HEAVY BREATHER ELITE PERFORMANCE AIR CLEANER KIT



SCREAMIN' EAGLE HEAVY BREATHER ELITE PERFORMANCE AIR CLEANER KIT (SHOWN WITH RAIN SOCK)

34 INTAKE

Air Cleaner Kits

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 air flow when compared to the stock or Screamin' Eagle® High-Flow air cleaner. The washable and re-chargeable filter features a bright chrome end cap with a laser-engraved Screamin' Eagle logo. Intake tube and backplate are made from die cast lightweight aluminum and are polished and chrome-plated or painted black for a brilliant finish. The backplate features integral breathers and sealed breather bolt plug. Kit includes a water-repellent rain sock and all mounting hardware. All EFI-equipped models require ECM calibration* (priced separately).

Fits '08-later Touring, '11-'12 FLSTSE and '13-later FXSBSE and FLSTNSE models. Street legal when used with Original Equipment throttle body or with '10-later models when equipped with Screamin' Eagle Street Performance Big Bore Stage 4 Kit P/N 92500011. Also fits with 58mm Throttle Body P/N 27713-08 and 27639-07A (**race application only**). Installation with Throttle Body 27639-07A requires purchase of (2) screw P/N 29465-08. Does not fit models equipped with fairing lower glove boxes or fairing lower speakers. Does not fit Twin-Cooled™ models.

29006-09B Gloss Black.

29253-08B Chrome.

Fits '08-later Touring models equipped with fairing lower glove boxes (except models with fairing lower speakers). Also fits '11-later CVO™ Softail® models. Street legal when used with Original Equipment throttle body or with Screamin' Eagle Street Performance Big Bore Stage 4 Kit P/N 92500011. Does not fit Twin-Cooled models. Also fits with 58mm Throttle Body P/N 27713-08 and 27639-07A (**race application only**). Installation with Throttle Body P/N 27639-07A requires separate purchase of (2) Screw P/N 29465-08.

28716-10A Compact Design – Chrome.

Fits '08-later Dyna® and Softail models (except '11-'12 FLSTSE, '13-later FXSBSE and '14-later FLSTNSE). Street-legal when used with Original Equipment throttle body. Also fits '99-'07 Dyna, '00-'07 Softail and '99-'07 Touring models (except '99-'01 EFI Touring) and models equipped with 50mm Throttle Body P/N 27623-05 (**race application only**). Does not fit models equipped with fairing lower glove boxes or fairing lower speakers.

29098-09 Gloss Black.

29299-08 Chrome.

Fits '08-later XL models. Street-legal when used with Original Equipment throttle body. Also fits '91-'07 XL models (**race application only**). Installation on '91-'03 models requires purchase on Breather Screw P/N 3565.

29080-09 Gloss Black.

29264-08 Chrome.

Fits '08-later Touring models equipped with 64mm EFI Throttle Body P/N 27300033. Does not fit models equipped with fairing lower glove boxes, fairing lower speakers or Twin Cooled models.

29000065 Chrome.

Fits '06-later Dyna and Softail models (except '11-later CVO Softail) and '06-'07 Touring models equipped with 62mm EFI Throttle Body P/N 27300019. Does not fit models equipped with fairing lower glove boxes or fairing lower speakers. **For race application only.**

29400105 Chrome.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

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 HEAVY BREATHER PERFORMANCE AIR CLEANER KIT – SOFTAIL/DYNA – CHROME



A. SCREAMIN' EAGLE HEAVY BREATHER PERFORMANCE AIR CLEANER KIT – SOFTAIL/DYNA – BLACK



A. HEAVY BREATHER PERFORMANCE AIR CLEANER KIT – COMPACT



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



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



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

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 mirror-chrome or cut back black finish to match your customizing direction. Kit includes water-repellant rain sock.

Fits Heavy Breather Air Cleaner filter elements (except Compact Version P/N 28716-10 or Heavy Breather Elite P/N 29400173 and 29400172). Does not fit with decorative filter end caps.

29400061 Cut Back Black – Side Logo.

28739-10 Cut Back Black – End Logo.

28740-10 Chrome – End Logo.

C. SCREAMIN' EAGLE HEAVY BREATHER FILTER COVER – TWISTED SLOT

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 mirror-chrome or cut back black finish to match your customizing direction. Kit includes water-repellant rain sock.

Fits Heavy Breather Air Cleaner filter elements (except Compact Version P/N 28716-10 or Heavy Breather Elite P/N 29400173 and 29400172). Does not fit with decorative filter end caps.

28742-10 Chrome.

28741-10 Cut Back Black.

D. 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 Version P/N 28716-10 or Heavy Breather Elite P/N 29400173 and 29400172).

E. 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 Heavy Breather Air Cleaner Kits (except Compact Heavy Breather P/N 28716-10 or Heavy Breather Elite P/N 29400173 and 29400172).

Also available:

SCREAMIN' EAGLE HEAVY BREATHER RAIN SOCK

Caught in the rain? This element cover is tailored to provide a perfect fit, decorated with the Screamin' Eagle logo. Made from breathable and water resistant material, this cover lets air through while water beads and rolls off your Heavy Breather Air Cleaner element. Don't get caught without it.

29493-05 Standard.

Fits models equipped with Heavy Breather Air Cleaner Kits.

28715-10 Compact.

Fits models equipped with Compact Heavy Breather Air Cleaner Kits.



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



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



C. SCREAMIN' EAGLE HEAVY BREATHER FILTER COVER – TWISTED SLOT, CHROME



C. SCREAMIN' EAGLE HEAVY BREATHER FILTER COVER – TWISTED SLOT, CUT BACK BLACK



D. SCREAMIN' EAGLE HEAVY BREATHER DECORATIVE ENDCAP – WILLIE G SKULL



E. SCREAMIN' EAGLE HEAVY BREATHER DECORATIVE MEDALLION

36 INTAKE

Air Cleaner Kits

A. 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. All EFI-equipped models require ECM calibration* (priced separately).

Fits '08-later Touring and Trike models with Original Equipment 50mm Throttle Body.

29400064 Agitator – Chrome.

29400063 Agitator – Cut Back Black.

29400104 Chisel – Chrome.

29400103 Chisel – Cut Back Black.

Fits '08-later Dyna® and Softail® models (except '11-later CVO™ Softail).

29400116 Chisel – Cut Back Black.

29400117 Chisel – Chrome.

Fits '07-later XL models with Original Equipment throttle body.

29400127 Chisel – Cut Back Black.

29400128 Chisel – Chrome.

Fits '08-later Touring models equipped with Screamin' Eagle® Pro 58mm Throttle Body P/N 27713-08. Also fits '06-later Dyna, Softail and '06-'07 Touring models equipped with Screamin' Eagle Pro 58mm Throttle Body P/N 27639-07A. **For race application only.**

29400124 Chisel – Chrome.

29400123 Chisel – Cut Back Black.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.



A. EXTREME BILLET AIR CLEANER KIT – AGITATOR, CHROME



A. EXTREME BILLET AIR CLEANER KIT – AGITATOR, CUT BACK BLACK



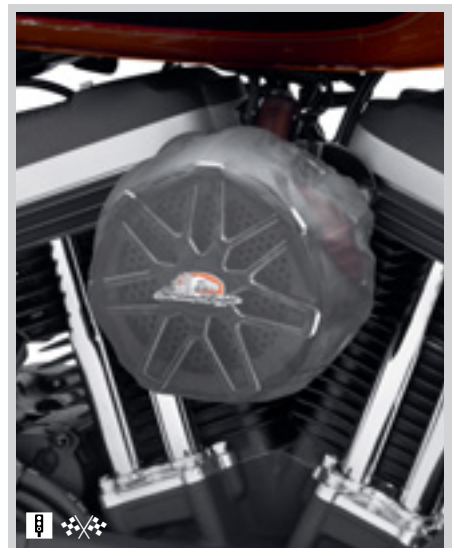
A. EXTREME BILLET AIR CLEANER KIT – CHISEL, CHROME



A. EXTREME BILLET AIR CLEANER KIT – CHISEL, CUT BACK BLACK



A. EXTREME BILLET AIR CLEANER KIT



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

NEW



B. SCREAMIN' EAGLE® PERFORMANCE AIR CLEANER KIT – THE BURST COLLECTION



Performance and style combined. Designed to complement the Burst Collection, this radical low profile air cleaner features a “tuxedo black” surround that has been expertly machined to expose the satin aluminum finish below. The billet cover conceals a one-piece cast back plate with integral breather and mounting bracket that promotes smooth air flow into the throttle body. The exposed reverse cone cotton element provides high-volumes of air and the element is washable for maximum efficiency and protection. The complete kit includes Burst Collection trim, backing plate, air cleaner element and all required installation hardware. All EFI-equipped models require ECM calibration* (priced separately).

29000066

Fits '08-later Touring and Trike models with Original Equipment 50mm throttle body or with Screamin' Eagle® Street Performance Big Bore Stage 4 Kit P/N 92500011 or 92500020.

29400178

Fits '08-later Dyna® and Softail® models (except '11-'12 FLSTSE2/3, '13-'14 FXSBSE and '14-'15 FLSTNSE).

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

B. SCREAMIN' EAGLE PERFORMANCE AIR CLEANER KIT – THE BURST COLLECTION

INTAKE

NEW



NEW



B. SCREAMIN' EAGLE PERFORMANCE AIR CLEANER KIT – THE BURST COLLECTION

38 INTAKE

Air Cleaner Kits

A. SCREAMIN' EAGLE® EXTREME BILLET VENTILATOR AIR CLEANER KIT

The proven, track-inspired exposed element Ventilator air cleaner with a completely totally unique look. This low-profile oval air cleaner features a 360° side-exposed filter element for maximum air flow, and a stylish machined billet aluminum cover for style. Available in your choice of chrome or cut back black finish, the two-piece billet cover surrounds the filter and features a full color Screamin' Eagle® medallion. The cast back plate ensures smooth air flow 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 hardware. Street legal when used with stock mufflers. All EFI-equipped models require ECM calibration* (priced separately).

Fits '09-later Touring and Trike models. Also fits '11-later FLSTSE2/3, FLSTNSE and FXSBSE models.

29400163 Chrome.

29400164 Cut Back Black.

Fits '10-later Dyna® and Softail® models (except '11-later CVO™ Softail models).

29400167 Chrome.

29400168 Cut Back Black.

Fits '08-later Touring and '11-later CVO Softail models equipped with Screamin' Eagle Pro High Flow 58mm Throttle Body P/N 27713-08. **For race application only.**

29400165 Chrome.

29400166 Cut Back Black.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.



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



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



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



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



NEW

B. SCREAMIN' EAGLE VENTILATOR ELITE AIR CLEANER KIT – CHROME

B. SCREAMIN' EAGLE® VENTILATOR ELITE AIR CLEANER KIT



This low-profile oval air cleaner features a 360° exposed filter element and a cast back plate designed to provide maximum air flow 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, diamond-cut Screamin' Eagle® medallion, protective rain sock and all required installation hardware. Street legal when used with stock mufflers. All EFI-equipped models require ECM calibration* (priced separately).

Fits '09-later Touring and Trike models. Also fits '11-later FLSTSE2/3, FLSTNSE and FXSBSE models.

29400217 Chrome.

29400218 Gloss Black.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

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 Dyna®, Softail®, Touring and Trike models equipped with Screamin' Eagle Ventilator Air Cleaner Kits P/N 29490-09, 29915-09, 28721-10, 28722-10 or 29400039. Also fits CVO models with Original Equipment Ventilator Air Cleaner.

61300516 Chrome.

61300517 Gloss Black.



NEW

B. SCREAMIN' EAGLE VENTILATOR ELITE AIR CLEANER KIT – BLACK



NEW

B. SCREAMIN' EAGLE VENTILATOR ELITE AIR CLEANER KIT



NEW

B. VENTILATOR ELITE AIR CLEANER KIT (SHOWN WITH RAIN SOCK)

40 INTAKE

Air Cleaner Kits

A. SCREAMIN' EAGLE® 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. Street legal when used with stock mufflers. All EFI-equipped models require ECM calibration* (priced separately).

Fits '09-later Touring and Trike models. Also fits '11-later CVO™ Softail® models.

29490-09 Chrome.

29915-09 Gloss Black.

Fits '10-later Dyna® and Softail models (except '11-later CVO Softail models).

28721-10 Chrome.

28722-10 Gloss Black.

Fits '08-later Touring and '11-later CVO Softail models equipped with Screamin' Eagle Pro High Flow 58mm Throttle Body P/N 27713-08. **For race application only.**

29400039 Chrome.

*Recalibration is required for proper installation. See Dealer for details. Labor cost is not included.



A. SCREAMIN' EAGLE VENTILATOR PERFORMANCE AIR CLEANER KIT – CHROME



A. SCREAMIN' EAGLE VENTILATOR PERFORMANCE AIR CLEANER KIT – GLOSS BLACK



A. SCREAMIN' EAGLE VENTILATOR PERFORMANCE AIR CLEANER KIT (SHOWN WITH RAIN SOCK)



A. SCREAMIN' EAGLE VENTILATOR PERFORMANCE AIR CLEANER KIT



B. SCREAMIN' EAGLE STAGE I AIR CLEANER KIT

B. SCREAMIN' EAGLE® STAGE I AIR CLEANER KIT – TWIN CAM MODELS*

Kit features a one-piece cast back plate with integral breather and mounting brackets for simplified installation and a "state of the art" synthetic media washable air cleaner element that does not require oiling. If you want more torque from your Twin Cam-equipped model, this kit provides a freer breathing capability to pump-up the power of your EFI-equipped motorcycle. This kit includes air cleaner, breather and all required hardware. Street legal when used with stock mufflers. All EFI-equipped models require ECM calibration* (priced separately).

29773-02C

Fits '08-later Softail® and '08-later Dyna® equipped with accessory Air Cleaner Covers (stock on '08 CVO™ Dyna). FXS, FLS, FLSTSB and '13-later FXDB models require separate purchase of Gasket P/N 29591-99 and Screw P/N 29703-00. Also fits '01-'07 EFI Softail, '02-'07 EFI Touring, '04-'07 EFI Dyna and models equipped with Accessory Air Cleaner Covers. (Stock on '05 FLSTFI 15th Anniversary, '05-'07 CVO Softail, '07 CVO Dyna and '07 CVO Road King® models.) '06-'07 CVO Electra Glide® models require the separate purchase of Air Cleaner Cover P/N 29121-07. Air Cleaner Trim is sold separately.

29400129

Fits '14-later Touring and Trike models with Original Equipment 50mm Throttle Body.

29260-08

Fits '08-13 Touring and Trike models with Original Equipment 50mm Throttle Body. '08-later CVO models require separate purchase of Air Cleaner Cover P/N 29121-07.

29406-08

Fits '08-later Dyna models with Original Equipment Teardrop Air Cleaner Cover.

29489-99C

Fits '99-'01 fuel-injected Touring models.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.



B. SCREAMIN' EAGLE STAGE I AIR CLEANER KIT – MULTI-FIT (29773-02C SHOWN)



B. SCREAMIN' EAGLE STAGE I AIR CLEANER KIT (29400129 SHOWN)

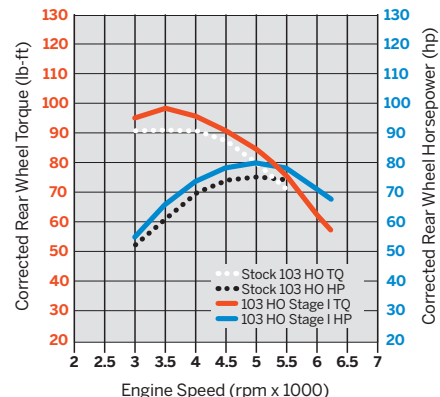


B. SCREAMIN' EAGLE STAGE I AIR CLEANER KIT (29260-08 SHOWN)



B. SCREAMIN' EAGLE STAGE I AIR CLEANER KIT – '08-LATER DYNA (29406-08 SHOWN)

TWIN CAM 103 HO STOCK VS. 103 HO STAGE I



42 INTAKE

Air Cleaner Kits

A. SCREAMIN' EAGLE® PRO AIR CLEANER AND BREATHER KIT – TWIN CAM MODELS

The die-cast backplate and high-flow, washable air filter provide large volumes of clean, stable air to the engine. The crankcase breather system utilizes individual breather hoses that direct the breather gases into the mouth of the carburetor, or EFI induction module, to minimize excess oil in the system. Kit includes all required hardware and installation instructions. All EFI-equipped models require ECM calibration* (priced separately). **For race application only.**

29440-99D

Fits '00-later Softail®, '99-'07 Touring (except '99-'01 EFI models) and '99-'07 Dyna® models. Also fits '08-later Dyna models equipped with accessory air cleaner covers. Fits EFI models and carbureted models with original equipment CV, Screamin' Eagle® CV (except CV51mm Super Bore) and Flatslide carburetors. Also fits '06-'09 CVO™ Electra Glide®, '09 CVO Road King, '09 CVO Road Glide®, '08-'09 CVO Springer™ and '09 CVO Dyna models with separate purchase of Air Cleaner Cover P/N 29121-07 or accessory air cleaner cover. Stock on '05 15th Anniversary FLSTF, '05-'07 CVO Softail, '07-'08 CVO Dyna and '07 CVO Road King models.

29441-99A

Fits '99-'01 EFI Touring models. (not shown)

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.



A. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KIT – TWIN CAM MODELS



B. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KIT – 58MM THROTTLE BODY

B. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KIT – 58MM THROTTLE BODY

The die-cast backplate and high-flow state-of-the-art synthetic media washable air filter provide large volumes of clean, stable air to the engine. The backplate features integral crankcase breather passages. Kit includes all required hardware and installation instructions. All EFI-equipped models require ECM calibration* (priced separately). **For race application only.**

29515-08

Fits '08-later Touring models equipped with Screamin' Eagle 58mm Throttle Body P/N 27713-08. Also fits '06-later Dyna, Softail and '06-'07 Touring models equipped with 58mm Throttle Body P/N 27639-07A. '08-later Dyna models with Teardrop Air Cleaner Cover and '14-later Touring models require separate purchase of an Accessory Air Cleaner Cover.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.



C. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KIT – CARBURETED EVOLUTION 1340-EQUIPPED MODELS



D. SCREAMIN' EAGLE PERFORMANCE AIR CLEANER FOR VRSC MODELS

C. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KIT – CARBURETED EVOLUTION 1340-EQUIPPED MODELS**

Backplate includes cast-in venturi and improved mounting system. Larger filter element is washable, does not require oiling, and provides more capacity for bigger air flows and power. Breather manifold and all required hardware are included. **For race application only.**

29543-99B

Fits '93-'99 Evolution® 1340-equipped models equipped with stock CV carburetor, 42mm or 45mm Flatslide carburetor or 44mm CV carburetor.

****NOTICE:** Installation of this kit requires jetting or recalibration for proper function. Failure to do so may cause a lean fuel condition which may result in engine damage.

D. SCREAMIN' EAGLE PERFORMANCE AIR CLEANER FOR VRSC™ MODELS

This high-flow air cleaner provides the clean stable air the engine needs for maximum performance. The washable filter element does not require oiling.

29793-02C Fits '02-later VRSC™ models.

E. 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 '11-'12 FLSTSE, '13-'14 FXSBSE, '14-'15 FLSTNSE and '08-later Touring and Trike models equipped with Screamin' Eagle Heavy Breather or Burst Air Cleaner Kit.

61300109 Chrome.

61300110 Gloss Black.



E. THROTTLE BODY COVER – CHROME



E. THROTTLE BODY COVER – GLOSS BLACK



F. SCREAMIN' EAGLE SPORTSTER STAGE I AIR CLEANER KIT – ROUND (BLACK SHOWN)



F. SCREAMIN' EAGLE SPORTSTER STAGE I AIR CLEANER KIT – ROUND (CHROME SHOWN)

F. SCREAMIN' EAGLE® SPORTSTER® STAGE I AIR CLEANER KIT – ROUND

The XL Stage 1 Air Cleaner Kit provides increased airflow to boost the power of your fuel-injected Sportster® model. Available with brilliant chrome or black back plate, this Round Air Cleaner transforms the appearance of your Evolution® power plant 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 legal when used with stock mufflers. Requires ECM calibration* (priced separately).

Fits '07-later XL models. Requires separate purchase of a round air cleaner cover with Twin Cam-style air cleaner trim. Air Cleaners P/N 29400-08, 29153-07, 29417-04, 61400007, 61400009, 61300057 and 27956-10 require separate purchase of Screw P/N 29269-83A. XL1200V requires separate purchase of Gasket P/N 25700127.

29000009A Black.

29000019A Chrome.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.



G. SCREAMIN' EAGLE SPORTSTER STAGE I AIR CLEANER KIT – OVAL



G. SCREAMIN' EAGLE SPORTSTER STAGE I AIR CLEANER KIT – OVAL

The XL Stage I 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 gases and excess oil directly into the intake. Kit also includes cover trim and all mounting hardware. Street legal when used with stock mufflers. All models require ECM calibration* (priced separately).

29782-07

Fits '07-later XL models with stock oval air cleaner cover. XL1200V requires separate purchase of oval air cleaner cover P/N 29084-04DH.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

H. SCREAMIN' EAGLE PRO HIGH-FLOW AIR CLEANER KIT – SPORTSTER MODELS

This air cleaner kit provides increased air flow when used with stock or Screamin' Eagle® carburetors or fuel injection systems. It includes a composite backplate, an air cleaner cover adapter and a high-flow, washable element that does not require oiling. In addition, the breather system has been redesigned to route breather gases directly into the inlet to minimize excess oil in the air cleaner assembly. Kit includes air cleaner element, backplate, air cleaner cover adapter, air cleaner trim and all necessary installation accessories. All EFI-equipped models require ECM calibration* (priced separately). **For race application only.**

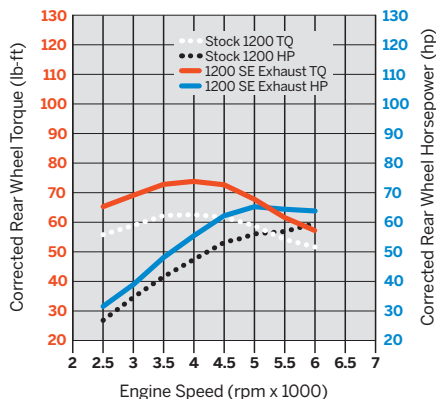
29042-04C

Fits '04-later XL models with stock oval air cleaner cover. XL1200V requires separate purchase of oval air cleaner cover P/N 29084-04DH.

29066-03B Fits '88-'03 XL models.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

SPORTSTER 1200 STOCK VS. STAGE I AIR CLEANER & STREET PERFORMANCE MUFFLERS



H. SCREAMIN' EAGLE PRO HIGH-FLOW AIR CLEANER KIT – SPORTSTER MODELS

44 INTAKE

Air Cleaner Kits

A. SCREAMIN' EAGLE® HIGH-FLO K&N® 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.

NOTE: These washable and rechargeable filters use 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. Clean the surface and renew the original red color with an application of K&N Air Filter Care products.

1. 29400020 Stage I—Multi-fit.

Fits '07-later XL, '99-'07 Dyna®, '00-later Softail® and '99-'07 Touring models equipped with Stage I Air Cleaner Kit P/N 29000009, 29000019A, 29773-02C or 29440-99D. Replacement for P/N 29442-99E.

2. 29400021 Stage I—Dyna.

Fits '08-later Dyna models equipped with Stage I Air Cleaner Kit P/N 29406-08. Replacement for P/N 29385-08.

3. 29400019 Stage I—Touring.

Fits '08-later Touring and Trike models equipped with Stage I Air Cleaner Kit P/N 29260-08. Replacement for P/N 29244-08.

4. 29400065 Extreme Billet.

Fits '15-later XG and '08-later Touring and Trike models equipped with Extreme Billet Agitator and Chisel Air Cleaner Kits.

4. 29400118 Extreme Billet.

Fits '07-later XL, '08-later Dyna and '08-later Softail models equipped with Extreme Billet Chisel Air Cleaner Kits.

5. 29400109 Burst Collection.

Fits models equipped with Burst Collection Air Cleaner Kits.

6. 29400026 Stage I—XL.

Fits '88-later XL models equipped with High-Flow Air Cleaner Kit P/N 29042-04C or 29066-03B. Replacement for P/N 29044-04B.

7. 29400022A Ventilator—Multi-fit.

Fits models equipped with Ventilator and Extreme Billet Ventilator Performance Air Cleaner Kits. Replacement for P/N 29670-09.

8. 29424-05A Heavy Breather—Multi-fit.

Fits '91-later XL, '99-later Dyna, '00-later Softail and '99-'07 Touring models equipped with Heavy Breather Kit P/N 29098-09, 29299-08, 29080-09 or 29264-08.

8. 29702-08A Heavy Breather—Touring.

Fits models equipped with Heavy Breather Kit P/N 29006-09B, 29253-08B, 29000065 or 29400105.

9. 28714-10 Heavy Breather—Compact Touring.

Fits '08-later Touring and Trike models equipped with Compact Heavy Breather Kit P/N 28716-10A.

10. 29400141 Heavy Breather—Elite.

Fits models equipped with Screamin' Eagle® Heavy Breather Elite Performance Air Cleaner Kit P/N 29400172 and 29400173.



A. SCREAMIN' EAGLE HIGH-FLO K&N AIR FILTER ELEMENT

B. K&N AIR FILTER CARE PRODUCTS

Clean and restore the original performance of K&N air filter elements. The washable and rechargeable filters use 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. Clean the surface and renew the original red color with an application of K&N Air Filter Care products.

K&N AIR FILTER CARE SERVICE KIT

99850-92T

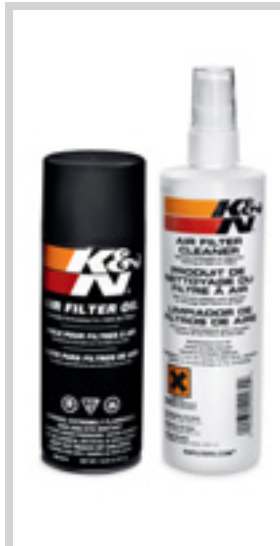
Complete kit to clean and re-oil K&N-type air filters. Includes one 12 oz bottle Air Filter Cleaner and one aerosol Air Filter Oil.

K&N AIR FILTER OIL

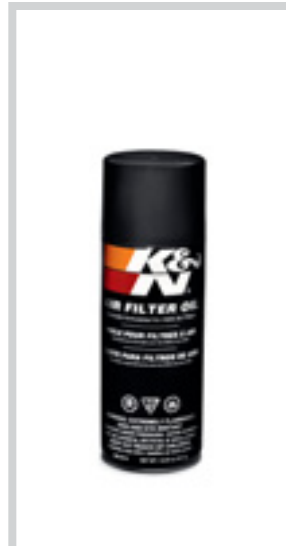
99882-88T 12 oz Aerosol.

K&N POWER KLEEN AIR FILTER CLEANER

93600004 32 oz with Sprayer.



B. K&N AIR FILTER CARE SERVICE KIT



B. K&N AIR FILTER OIL



B. K&N POWER KLEEN AIR FILTER CLEANER



C. SCREAMIN' EAGLE AIR CLEANER INSERT



D. SCREAMIN' EAGLE AIR CLEANER TRIM RING

C. SCREAMIN' EAGLE® AIR CLEANER INSERT

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.

61300299

Fits '14-later Touring and Trike models (except CVO™) equipped with Original Equipment air cleaner cover.

D. SCREAMIN' EAGLE AIR CLEANER TRIM RING

Dress your air cleaner in the traditional H-D orange and black. Easy-to-install trim ring features brilliant orange Screamin' Eagle script and Harley-Davidson lettering set against a gloss black background. Self adhesive backing.

29503-07

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

E. SCREAMIN' EAGLE ACCESSORY COLLECTION

Add style to your motorcycle with these Screamin' Eagle accessories and proclaim you're serious about performance.

1. Oval Air Cleaner Insert

Fits '66-'03 XL models.

29382-97A Black on Silver.

29383-97A Silver on Black.

2. Air Cleaner Insert

Fits '84-'99 Evolution® 1340-equipped models.

29619-99 Silver on Black.

3. Air Cleaner Insert

Fits '99-'06 Twin Cam-equipped models.

29620-99 Black on Silver.

29567-99 Silver on Black.



E. SCREAMIN' EAGLE ACCESSORY COLLECTION



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

F. SCREAMIN' EAGLE AIR CLEANER RAIN SOCK

Add the open-element look to your Screamin' Eagle Stage-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 Air Cleaner Kits P/N 29773-02C, 29260-08, 29000009 and 29000019A.

G. 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 Stage Kits or 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-later Softail (except '11-later CVO Softail), '02-'07 Touring and '99-'07 Dyna models.

29510-05 Chrome.

29586-06 Wrinkle Black.

Fits '08-later Dyna models with Original Equipment Teardrop Air Cleaner Cover.

29170-08 Chrome.

29119-08 Wrinkle Black.

Fits '08-'13 Touring models.

29624-08 Chrome.

29319-08 Wrinkle Black.



Multi-Fit

'08-'13 Touring

'08-later Dyna

G. SCREAMIN' EAGLE AIR CLEANER BACK PLATE KITS

46 INTAKE

EFI Throttle Bodies

A. SCREAMIN' EAGLE® PRO HIGH-FLOW 64MM EFI THROTTLE BODY – ELECTRONIC THROTTLE*

To provide the ultimate results, race engines need all the unrestricted air they can get. Designed to maximize the performance of your Race Xtreme component-equipped SE120R engine, this throttle body is ready to take on the track. The gigantic 64mm Throttle Body is precision-machined to ensure a smooth air flow. Throttle Body can be combined with the Oval-Ported High-Flow Intake Manifold P/N 27300035 and port-matched Hurricane Cylinder Heads, or mated to MVA and Factory CNC-Ported cylinder heads with Intake Manifold P/N 27300052. Screamin' Eagle® High-Flow Fuel Injectors P/N 27796-08 (sold separately) are recommended. All EFI models require ECM calibration (priced separately). **For race application only.**

27300033

Fits '08-later Touring models equipped with Screamin' Eagle Pro Hurricane CNC Oval Ported Cylinder Heads and High-Flow Intake Manifold P/N 27300035 or MVA Cylinder Heads and CNC-Ported Factory Heads with Intake Manifold P/N 27300052.

B. SCREAMIN' EAGLE PRO HIGH-FLOW INTAKE MANIFOLD – 64MM*

This cast manifold is machined to provide an exact fit and match to the CNC Ported Heads. Shaped to ensure a smooth transition and maximum air flow, this manifold is designed to accept the Screamin' Eagle Race Xtreme Throttle Body. Screamin' Eagle Pro High-Flow Injectors P/N 27796-08 (sold separately) are recommended. Kit includes mounting hardware. All EFI models require ECM calibration (priced separately). **For race application only.**

27300035 Hurricane Heads.

Fits '08-later Touring models equipped with Screamin' Eagle Pro 64mm EFI Throttle Body P/N 27300033 and Hurricane CNC Oval Ported Cylinder Heads P/N 17799-10.

27300052 MVA Heads.

Fits '08-later Touring models equipped with Screamin' Eagle Pro 64mm EFI Throttle Body P/N 27300033 and Screamin' Eagle Pro MVA Heads. Factory CNC Ported heads or other heads with 1.750" intake port diameter.

C. SCREAMIN' EAGLE PRO HIGH-FLOW 58MM EFI THROTTLE BODY – ELECTRONIC THROTTLE*

The biggest engines deserve the most fuel. This huge 58mm Throttle Body (8mm or 16% larger than stock) won't leave your engine starving for more air. The one-piece throttle body features Electronic Throttle Control technology. Just add your stock injectors or the Screamin' Eagle Pro High-Flow Injector Kit P/N 27796-08 (sold separately). Stock injectors are recommended for engines making up to 100 rear wheel horsepower, Screamin' Eagle High-Flow injectors are recommended for engines creating greater than 100 rear wheel horsepower. All EFI-equipped models require ECM calibration (sold separately). **For race application only.**

27713-08

Fits '08-later Touring and '11-later CVO™ Softail models.



A. SCREAMIN' EAGLE PRO HIGH-FLOW 64MM EFI THROTTLE BODY – ELECTRONIC THROTTLE



B. SCREAMIN' EAGLE PRO HIGH-FLOW INTAKE MANIFOLD – 64MM



C. SCREAMIN' EAGLE PRO HIGH-FLOW 58MM EFI THROTTLE BODY – ELECTRONIC THROTTLE

***NOTICE:** Installation of this kit requires jetting or recalibration for proper function. Failure to do so may cause a lean fuel condition which may result in engine damage.



D. SCREAMIN' EAGLE PRO HIGH-FLOW 62MM EFI THROTTLE BODY – CABLE OPERATED THROTTLE



D. SCREAMIN' EAGLE® PRO HIGH-FLOW 62MM EFI THROTTLE BODY – CABLE OPERATED THROTTLE*

To provide the ultimate results, race engines need all the unrestricted air they can get. Designed to maximize the performance of your Race Xtreme component-equipped SE120R engine, this 62mm Throttle Body is extruded, precision machined to ensure a smooth air flow when combined with the Oval-Ported High-Flow Intake Manifold and port-matched Hurricane Cylinder Heads. Screamin' Eagle® High-Flow Fuel Injectors P/N 27797-07 (sold separately) are recommended. All EFI models require ECM calibration (priced separately).

For race application only.

27300019A Black finish.

Fits '06-later Dyna® and Softail® models and '06-'07 Touring models equipped with Screamin' Eagle Pro Hurricane CNC Oval Ported Cylinder Heads P/N 17799-10 and High-Flow Intake Manifold P/N 27082-10.

E. SCREAMIN' EAGLE PRO HIGH-FLOW INTAKE MANIFOLD – 62MM*



This cast intake manifold is machined to provide an exact fit and match to the CNC Ported Heads. Shaped to ensure a smooth transition and maximum air flow, this manifold is designed to accept the Screamin' Eagle Race Xtreme 62mm Throttle Body. Screamin' Eagle Pro High-Flow Injectors P/N 27797-07 (sold separately) are recommended. Kit includes mounting hardware. All EFI models require ECM calibration (priced separately). **For race application only.**

27082-10 Hurricane Heads.

Fits '06-later Dyna and Softail EFI models and '06-'07 Touring EFI models equipped with Screamin' Eagle Pro 62mm EFI Throttle Body P/N 27300019 and Hurricane CNC Oval Ported Cylinder Heads P/N 17799-10.

27300054 MVA Heads.

Fits '06-later Dyna and Softail EFI models and '06-'07 Touring EFI models equipped with Screamin' Eagle Pro 62mm EFI Throttle Body P/N 27300019 and Screamin' Eagle Pro MVA Heads, Factory CNC Ported heads or other heads with 1.750" intake port diameter.



E. SCREAMIN' EAGLE PRO HIGH-FLOW INTAKE MANIFOLD – 62MM



F. SCREAMIN' EAGLE PRO HIGH-FLOW 58MM EFI THROTTLE BODY – CABLE OPERATED THROTTLE*



This massive 58mm bore Throttle Body is extruded, precision machined and polished to provide all the air you'll need to dominate at the track. Designed for use with Screamin' Eagle Pro cylinder heads, installation requires separate purchase of Screamin' Eagle Pro High-Flow Intake Manifold P/N 29667-07, and either the Screamin' Eagle Pro High-Flow Air Cleaner Kit P/N 29515-08 or the Heavy Breather Air Intake System 29253-08A, 29006-09A or 28716-10. Injectors mount to the Screamin' Eagle Manifold, stock injectors can be reused for engines making up to 100 rear wheel horsepower. Screamin' Eagle Pro High-Flow Injectors P/N 27797-07 are recommended for engines producing greater than 100 Rear Wheel Horsepower. All EFI-equipped models require ECM calibration (sold separately). **For race application only.**

27639-07A

Fits '06-later Dyna and Softail EFI models (except '11-later CVO™ Softail) and '06-'07 Touring EFI models. Not compatible with cruise control.

G. SCREAMIN' EAGLE PRO HIGH-FLOW INTAKE MANIFOLD – 58MM THROTTLE BODY*



This manifold is cast and precision machined to provide an exact fit with Screamin' Eagle Pro Accessory cylinder heads and the Screamin' Eagle Pro 58mm EFI Throttle Body P/N 27639-07A. This manifold has intake runners which are .100" larger in diameter than all stock Twin Cam heads and early Screamin' Eagle performance cylinder heads. The intake port diameter in the cylinder heads should be 1.750", if not; an experienced engine builder can open the cylinder head ports to this diameter to ensure a smooth transition and air flow. Stock injectors can be reused for applications making up to 100 rear wheel horsepower. Screamin' Eagle Pro High-Flow Injectors P/N 27797-07 are recommended for engines producing greater than 100 rear wheel horsepower. All EFI-equipped models require ECM calibration (sold separately). **For race application only.**

29667-07

Fits '06-later Dyna and Softail EFI models and '06-'07 Touring EFI models equipped with Screamin' Eagle Pro 58mm EFI Throttle Body P/N 27639-07A.



Shown with MAP Sensor – Not Included



F. SCREAMIN' EAGLE PRO HIGH-FLOW 58MM EFI THROTTLE BODY – CABLE OPERATED THROTTLE

G. SCREAMIN' EAGLE PRO HIGH-FLOW INTAKE MANIFOLD – 58MM THROTTLE BODY

48 INTAKE

EFI Throttle Bodies

A. SCREAMIN' EAGLE® PRO 50MM EFI THROTTLE BODY*



EFI THROTTLE BODY*

Higher flowing for larger displacement race engine applications. Includes throttle body and unique intake flanges and seals. This big bore throttle body features a 50mm throttle plate (a 4mm increase over the '06 Original Equipment throttle body) to provide increased airflow and more power. Higher flow rate injectors provide 25% more fuel to complement the increased airflow. Sensors, injectors (with a flow rate of 4.9 grams/second) and the IAC stepper motor are fully assembled on this bolt-on unit. All EFI-equipped models require ECM calibration (priced separately). **For race application only.**

27623-05A

Fits '06-later Twin Cam EFI models (except '08-later Touring) equipped with accessory performance cylinder heads. The intake flanges supplied in this kit will only fit cylinder heads machined for use with the stock symmetrical intake flanges (Original Equipment since MY06). All Screamin' Eagle® performance cylinder heads (except Kompressor and MCR Performance) with kit P/N extension of -06 or later have an intake port diameter of 1.750" and are machined for use with symmetrical intake flanges.



A. SCREAMIN' EAGLE PRO 50MM EFI THROTTLE BODY – (SHOWN WITH MAP SENSOR, NOT INCLUDED)

B. SCREAMIN' EAGLE PRO STAGE II KIT – VRSC™ MODELS



Increase your VRSC™ model's top-end horsepower and race track performance. When paired with your choice of race-use exhaust system, the Screamin' Eagle Pro intake and exhaust cams, tuned-length short velocity stacks and a high-flow air cleaner combine to produce a solid 20-horsepower boost at the rear wheel. Kit includes cam gaskets that permit this Stage Kit to be installed without removing the engine from the frame. The lower air cleaner box can be modified to improve the air flow (template included). All models require ECM calibration (priced separately) with available Super Tuner configuration. **For race application only.**

30076-09

Fits '07 VRSCX and '08-later VRSC models. Installation requires modification of the lower air cleaner box for relocation of the temperature sensor. Installation requires separate purchase of Valve Shims.

Lift @ Valve –

Intake/Exhaust: .490"/.464"

Duration @ .053 –

Intake/Exhaust: 256° /258°

Timing @ .053 Lift –

Open/Close Intake: 20° BTDC/56° ABDC

Timing @ .053 Lift –

Open/Close Exhaust: 57° BBDC/21° ATDC

TDC Lift @ Valve –

Intake/Exhaust: .143"/.142"



B. SCREAMIN' EAGLE PRO STAGE II KIT – VRSC MODELS

C. SCREAMIN' EAGLE PRO VRXSE DESTROYER® BIG BORE THROTTLE BODY KIT



This bolt-on kit boasts a 58mm throttle body, compared to 53mm stock throttle body. Can be used with stock injectors or with VRXSE Performance Injector Kit P/N 27791-05. Recalibration required through Pro Super Tuner only. **For race application only.**

27670-05

Fits '02-later VRSC models.



C. SCREAMIN' EAGLE PRO VRXSE DESTROYER BIG BORE THROTTLE BODY KIT

***NOTICE:** Installation of this kit requires jetting or recalibration for proper function. Failure to do so may cause a lean fuel condition which may result in engine damage.



D. SCREAMIN' EAGLE PRO HIGH-FLOW INJECTOR KIT (27797-07 SHOWN)



E. SCREAMIN' EAGLE PRO VRXSE DESTROYER PERFORMANCE INJECTOR KIT

D. SCREAMIN' EAGLE® PRO HIGH-FLOW INJECTOR KIT*



Injectors provide fuel delivery at the rate of 4.9 grams/second, 25% more than Original Equipment injectors. Recommended for use with engine configurations making more than 100 rear wheel horsepower. All EFI-equipped models require ECM calibration (sold separately). **For race application only.**

27797-07

Fits Twin Cam models equipped with Screamin' Eagle® 58mm EFI Throttle Body P/N 27639-07A or 62mm EFI Throttle Body P/N 27300019.

Also available:

SCREAMIN' EAGLE PRO HIGH-FLOW INJECTOR KIT*



Injectors provide fuel delivery at the rate of 5.3 grams/second, 23% more than Original Equipment injectors. Recommended for use with engine configurations making more than 100 rear wheel horsepower. All EFI-equipped models require ECM calibration (sold separately). **For race application only.**

27796-08

Fits models equipped with Screamin' Eagle 58mm Throttle Body P/N 27713-08 or Screamin' Eagle High Flow Oval Port Intake Manifold P/N 27300035.

SCREAMIN' EAGLE PRO HIGH-FLOW INJECTOR KIT*



Injectors provide fuel delivery at the rate of 6.2 grams/second, 59% more than the Original Equipment injectors. Recommended for use with engine configurations making more than 120 rear wheel horsepower. All EFI-equipped models require ECM calibration (sold separately). **For race application only.**

27400002

Fits Twin Cam models equipped with Screamin' Eagle Pro 62mm EFI Throttle Body 27300019 with High Flow Oval Port Intake Manifold P/N 27082-10 or Screamin' Eagle Pro 58mm Throttle Body P/N 27639-07A with High Flow Intake Manifold P/N 29667-07.

SCREAMIN' EAGLE PRO HIGH-FLOW INJECTOR KIT*



Injectors provide fuel delivery at the rate of 6.7 grams/second, 56% more than the Original Equipment injectors. Recommended for use with engine configurations making more than 120 rear wheel horsepower. All EFI-equipped models require ECM calibration (sold separately). **For race application only.**

27400001

Fits '08-later Touring models equipped with Screamin' Eagle Pro 64mm Throttle Body P/N 27300033 with High Flow Oval Port Intake Manifold P/N 27300035 or Screamin' Eagle Pro 58mm Throttle Body P/N 27713-08.

E. SCREAMIN' EAGLE PRO VRXSE DESTROYER® PERFORMANCE INJECTOR KIT*



This performance injector kit features 6-hole, twin jet injectors that flow 30% more fuel, compared to stock injectors. Recalibration required through EFI Race Tuner only. **For race application only.**

27791-05

Fits '02-later VRSC™ models equipped with P/N 27670-05 Destroyer® Big Bore Throttle Body Kit.

SCREAMIN' EAGLE (SE) & ORIGINAL EQUIPMENT (OE) FUEL INJECTOR IDENTIFICATION

Kit P/N	Flow Rate (Static) @ 400kPa	Application	Identification
27400001	6.7 g/s	SE 64mm ETC* SE 58mm ETC*	IWP189 printed on injector electrical connector heather violet band/ black connector
27400002	6.2 g/s	SE 62mm Cable Drive SE 58mm Cable Drive	GM 12613412 printed on body of injector (opposite side of connector)
27796-08	5.3 g/s	SE 58mm w/Electronic Throttle Control (ETC*)	IWP029B printed on injector electrical connector, red band/gray connector
27797-07	4.9 g/s	SE 50mm Cable Drive (1P), SE 58mm Cable Drive (2P), '06-later Twin Cam (except ETC* models)	27654-06 printed on body of injector (opposite side of connector)
27791-05	6.37 g/s	Destroyer VRSCX	IWP190 printed on injector electrical connector, blue band/black connector
27609-01B	4.3 g/s	SE 43mm Cable Drive, OE 46mm Cable Drive (2P), OE 50mm ETC*	IWP162 printed on injector electrical connector, white band/ gray connector
27706-07A	3.8 g/s	OE '07-later XL	IWP181/B printed on injector electrical connector, sky blue band/gray connector
27625-06	3.91 g/s	OE 46mm Cable Drive (2P), '06 Twin Cam	27625-06 printed on body of injector (opposite side of connector)
27709-06A	3.91 g/s	OE 46mm Cable Drive (2P), Late '06-later Twin Cam (except ETC* models)	27709-06/A printed on body of injector (opposite side of connector)
27665-01A	4.81 g/s 5.08 g/s	OE VRSC	IWP063/B printed on injector electrical connector, grey band/black connector/ turquoise blue band/black connector

*ETC-equipped models: '08-later Touring, '11-'12 FLSTSE, '13-'14 FXSBSE and '14-'15 FLSTNSE.

***NOTICE:** Installation of this kit requires jetting or recalibration for proper function. Failure to do so may cause a lean fuel condition which may result in engine damage.

50 INTAKE

EFI Throttle Bodies

A. SCREAMIN' EAGLE® PRO SUPER BORE 51MM CV CARBURETOR KIT

This is the highest-flowing carburetor Screamin' Eagle® has ever tested. It will satisfy the flow need of the largest V-Twins. This Harley-Davidson® exclusive kit is complete with carb, higher-flow air cleaner and mounting hardware. This is the largest CV-style carb available and has easy access to main and pilot jets without removing the bowl. Recommended for engines 95 cubic inch and larger. Uses stock throttle cables. The 51mm CV Carburetor is not cruise control compatible. **For race application only.**

27928-07A

Fits '99-'06 carbureted Twin Cam models. Requires separate purchase of Intake Manifold P/N 27927-07. (Not compatible with standard HTCC Heads, Harley-Davidson® Air Cleaner Cover P/N 29754-01, 29598-00, 29599-00 or Screamin' Eagle Teardrop Air Cleaner P/N 29409-02.)



B. SCREAMIN' EAGLE PRO HIGH-FLOW INTAKE MANIFOLD – 51MM SUPER BORE CARBURETOR

This manifold is designed for use with Screamin' Eagle Pro Super Bore 51mm CV Carburetor P/N 27926-02A (sold separately). Large manifold eliminates restrictions and is machined for precision alignment to Screamin' Eagle accessory cylinder head intake flange dimensions. **For race application only.**

29414-07

Fits '99-'06 carbureted Twin Cam models. This manifold has intake runners which are .100" larger in diameter than all stock Twin Cam heads and early Screamin' Eagle performance cylinder heads. The intake port diameter in the cylinder heads should be 1.750", if not; an experienced engine builder can open the cylinder head ports to this diameter to ensure a smooth transition and air-flow. The intake flanges supplied in this kit will only fit cylinder heads machined for use with the stock symmetrical intake flanges (Original Equipment since MY06). All Screamin' Eagle performance cylinder heads (except Kompressor) with kit P/N extension of -06 or later have a intake port diameter of 1.750" and are machined for use with symmetrical intake flanges.

27927-07

Fits '99-'06 carbureted Twin Cam models. This manifold has intake runners which are the same diameter as all stock Twin Cam heads and early Twin Cam performance heads. Install using stock intake flanges.



A. SCREAMIN' EAGLE PRO SUPER BORE 51MM CV CARBURETOR KIT



B. SCREAMIN' EAGLE PRO HIGH-FLOW INTAKE MANIFOLD – 51MM SUPER BORE CARBURETOR



C. SCREAMIN' EAGLE PRO BIG BORE 44MM CV CARBURETOR KIT



D. SCREAMIN' EAGLE PRO 42MM FLATSLIDE CARBURETOR KIT



E. SCREAMIN' EAGLE PRO BIG BORE INTAKE MANIFOLD



F. SCREAMIN' EAGLE CV CARBURETOR TOP COVER



G. DYNOJET KIT



H. DYNOJET THUNDERSLIDE KIT

C. SCREAMIN' EAGLE® PRO BIG BORE 44MM CV CARBURETOR KIT

This carb kit is exclusive to Screamin' Eagle® parts. The CV (constant velocity) design creates smooth air/fuel delivery for exceptional low- and mid-range power. The big 44mm bore allows this carb to feed even the most air hungry engine at high RPM. Easy to install with stock cables. Screamin' Eagle Intake Manifold required for proper fitment. Separate purchase of Screamin' Eagle High-Flow Air Cleaner Kit is recommended for optimal performance. This 44mm CV carburetor is not cruise-control compatible. **For race application only.**

27934-99

Fits '90-'99 carbureted Evolution® 1340-equipped models, '99-'06 carbureted Twin Cam-equipped models and '88-'06 XL models.

D. SCREAMIN' EAGLE PRO 42MM FLATSLIDE CARBURETOR KIT

This carburetor allows you to use your stock cables. Exclusive configuration 42mm Flatslide Carburetor from Mikuni American for Screamin' Eagle. Designed and jetted to work with Screamin' Eagle Air Cleaner and Breather Kits. Exceptional throttle response and driveability. **For race application only.**

29641-99

Unpolished. Fits '90-'99 carbureted Evolution 1340 and '99-'06 carbureted Twin Cam-equipped models. Cannot be used on vehicles equipped with cruise control.

E. SCREAMIN' EAGLE PRO BIG BORE INTAKE MANIFOLD

This intake manifold is required for use with the Screamin' Eagle 44mm CV and 45mm Flatslide Carburetors. Can also be used with 42mm Flatslide or your stock CV carburetor. **For race application only.**

29635-99

Fits '99-'06 Twin Cam-equipped models. (shown)

29636-99

Fits '90-'99 Evolution 1340-equipped models. (not shown)

F. SCREAMIN' EAGLE CV CARBURETOR TOP COVER

This great looking carb top adds a finishing touch to the Original Equipment or Screamin' Eagle CV Carburetor. The top covers feature a brilliant chrome finish and "Screamin' Eagle" logo diamond engraving for clean crisp detail.

27477-04

Die-Cast. Fits carbureted models equipped with Original Equipment or Screamin' Eagle Big Bore 44mm CV Carburetor.

G. DYNOJET® KIT

A premium performance modification kit for models with Original Equipment CV carburetors. Works well with free-breathing intake and exhaust. **For race application only.**

29604-00A

Fits '00-'06 carbureted Twin Cam-equipped models.

29045-97B

Fits '96-'06 Evolution-equipped XL883 and 1200 models (except 1200S) and 1340-equipped models with Original Equipment CV carburetors.

H. DYNOJET THUNDERSLIDE KIT

This premium performance modification kit for Original Equipment CV carburetors features a lightweight slide for quicker throttle response. The unique composite slide, emulsion tube and slide needle make the CV carburetor come alive when used with free flow intake and exhaust. When used with a performance cam and added compression, this is a winning combination. **For race application only.**

29605-00A

Fits '00-'06 carbureted Twin Cam-equipped models.

29935-98A

Fits '90-'99 carbureted Evolution 1340-equipped models.

29936-98A

Fits '89-'06 XL1200 models (except 1200S).



SCREAMIN' EAGLE® STREET PERFORMANCE BIG BORE STAGE 4 KIT – 103 CUBIC INCHES

This Street Performance kit provides the maximum horsepower output for a legal 103 Kit that will maintain the factory warranty. This kit includes Screamin' Eagle® CNC Ported Factory Cylinder heads, 58mm ETC throttle body, SE-259E cams, 10.5 to 1 compression pistons, Perfect Fit Pushrods, Screamin' Eagle clutch spring and all required engine gaskets. This Street Performance Kit produces 103 hp and 110 lb-ft of torque. All EFI-equipped models require ECM calibration* (priced separately).

92500011 Black Highlighted.
Fits 50-state '10-later Touring models (except '14-later models with Twin-Cooled™ engines) equipped with a Twin Cam 103™ engine. Fits 49-state '10-'11 Touring models equipped with a Twin Cam 96™ 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.

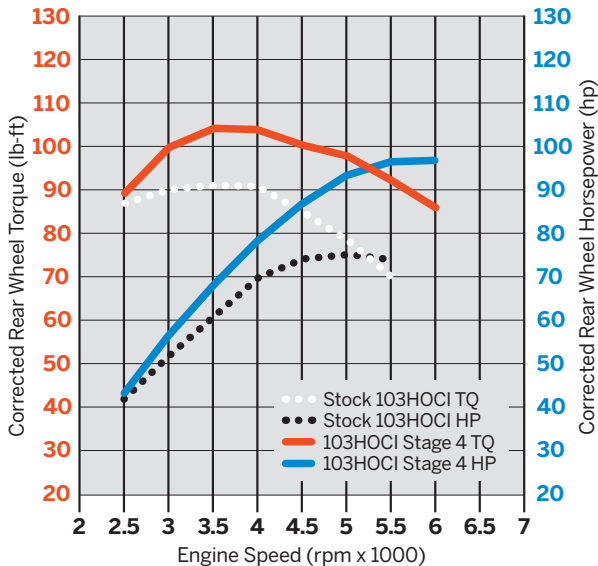
92500019 Black Highlighted.
Fits '14-later FLHTCU, FLHTCUL, FLHTK and FLHTKL models with Twin-Cooled™ engines. Does not fit Trike models.

*Recalibration is required for proper installation. See Dealer for details. Labor cost is not included.

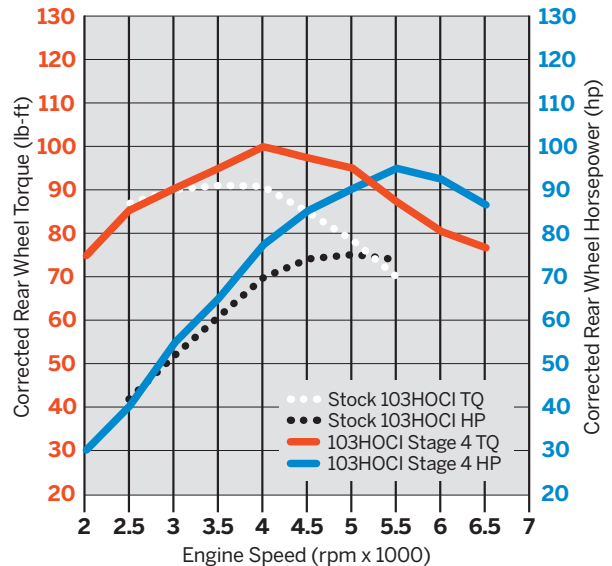
NOTICE: Installation of automatic or manual compression releases on large displacement engines is highly recommended.

When installed by an authorized Harley-Davidson® Dealer at the time of vehicle delivery, these kits do not impact the vehicle's limited warranty.

Screamin' Eagle® Street Performance, Air-Cooled Stage 4 Kit – 103 Cubic Inches



Screamin' Eagle® Street Performance, Twin-Cooled™ Stage 4 Kit – 103 Cubic Inches



SCREAMIN' EAGLE STREET PERFORMANCE STAGE 4 KIT – 103 CUBIC INCHES

54 STAGE KITS – LEGAL

Twin Cam Stage Kits

SCREAMIN' EAGLE® 110 CUBIC INCH STAGE I KIT FOR EFI MODELS

Bring your Twin Cam motorcycle up to the same displacement and power output as the CVO™ Screamin' Eagle® models – a gigantic 1800cc's. This street legal kit combines all the proven components of the CVO Screamin' Eagle models – the 4.0" Big-Bore forged pistons and cylinders, SE-255 camshafts and cylinder heads with automatic compression release. The Screamin' Eagle cylinder heads and forged piston combination offers a 9.3:1 compression ratio for easy starting. The cylinder heads also prominently feature the "Screamin' Eagle 110" medallion. Kit includes all required gaskets (except primary cover and transmission interface gasket) and hardware to complete the installation. Installation requires case boring. Professional installation recommended. Separate purchase of cam spacers is recommended. Requires separate purchase of appropriate Automatic Compression Release Wiring Harness. All EFI-equipped models require ECM calibration* (priced separately).

27501-10A Black Highlighted.

Fits 50-state '10-later Touring models (except '14-later models with Twin-Cooled™ engines). Kit includes CVO Air Cleaner Backplate. '10 FLHX and FLTRX models require separate purchase of 2-into-2 Head Pipe Kit and Mufflers. '11-later Touring models require installation of CVO Mufflers P/N 64768-09A and 64769-09A or FatShotz Muffler Kit P/N 80847-10 (sold separately). Does not fit Trike models.

92500020

Fits 50-state '14-later FLHTCU, FLHTCUL, FLHTK and FLHTKL models with Twin-Cooled engines.

27508-11 Black Highlighted.

Fits '11-later Softail® models (except FLS, FLSTN and FLSTSB). Requires separate purchase of Screamin' Eagle high flow air cleaner and ACR Harness P/N 70623-11.

27505-10A Black Highlighted.

Fits 50-state '11-later Dyna® models equipped with Shorty Dual Exhaust. Installation requires separate purchase of Muffler P/N 64895-10 (Qty 2). Fits 50-state '10-later FXDF and FXDWG models. Requires separate purchase of Mufflers P/N 65884-09 and 65886-09. Kit includes chrome Heavy Breather Air Cleaner Kit.

29866-07B Black Highlighted.

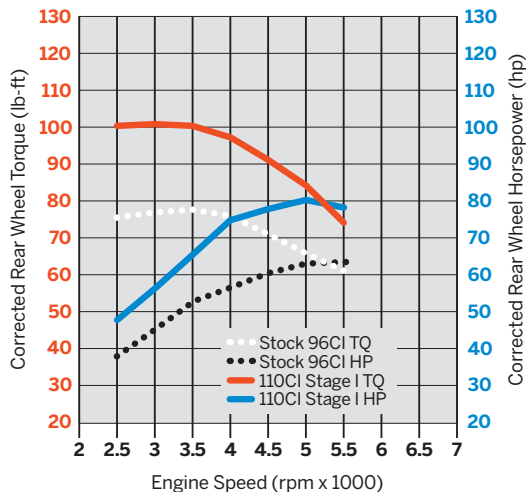
Fits '07-'13 HDI Touring models, '07-'09 HDI Dyna models and '07-'09 HDI FLSTF and '07 HDI FXSTD Softail models. Street legal on HDI-configured models when installed with Original Equipment air cleaner and exhaust. '11-'13 later Touring models require separate purchase of Ventilator Air Cleaner and CVO mufflers P/N 64768-09A and 64769-09A.

*Recalibration is required for proper installation. See Dealer for details. Labor cost is not included.

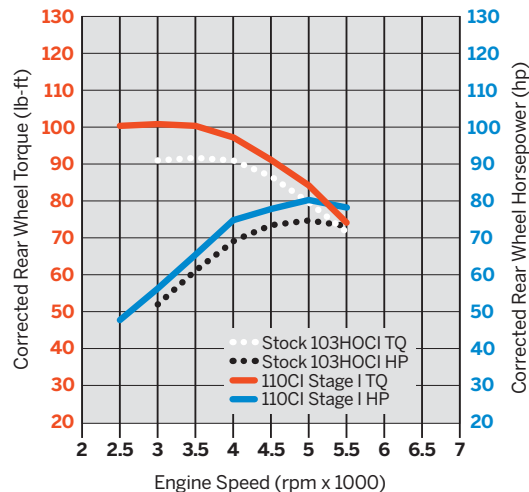


When installed by an authorized Harley-Davidson® Dealer at the time of vehicle delivery, these kits do not impact the vehicle's limited warranty.

Twin Cam 96™ Stock vs. 110CI Stage I Kit



Twin Cam 103HO Stock vs. 110CI Stage I Kit



56 STAGE KITS – LEGAL

Twin Cam Stage Kits

SCREAMIN' EAGLE® BIG BORE STAGE I KIT FOR EFI MODELS – 103 CUBIC INCHES

This Big Bore Kit lets you increase the displacement of your Twin Cam 96™ engine-equipped model from 96 cubic inches (1584cc) to 103 cubic inches (1690cc). Includes Big Bore cylinders, Big Bore flat top piston assemblies and a Stage I Air Cleaner Kit with one-piece back plate, integral breathers, all mounting hardware and gaskets. A high-performance capacity clutch spring is included to provide the additional clutch capacity required by the extra torque. Requires separate purchase of primary cover gasket. This kit is street legal when used with stock mufflers. (Not all components shown.) All EFI-equipped models require ECM calibration* (priced separately).

29903-07A Black Highlighted.
Fits all '07 Twin Cam and '08-later Softail® models with Original Equipment Twin Cam 96 engine.

27535-08 Black Highlighted.
Fits '08-later Dyna® models with Original Equipment Twin Cam 96 engine.

27539-08A Black Highlighted.
Fits '08-'11 Touring models with Original Equipment Twin Cam 96 engine.

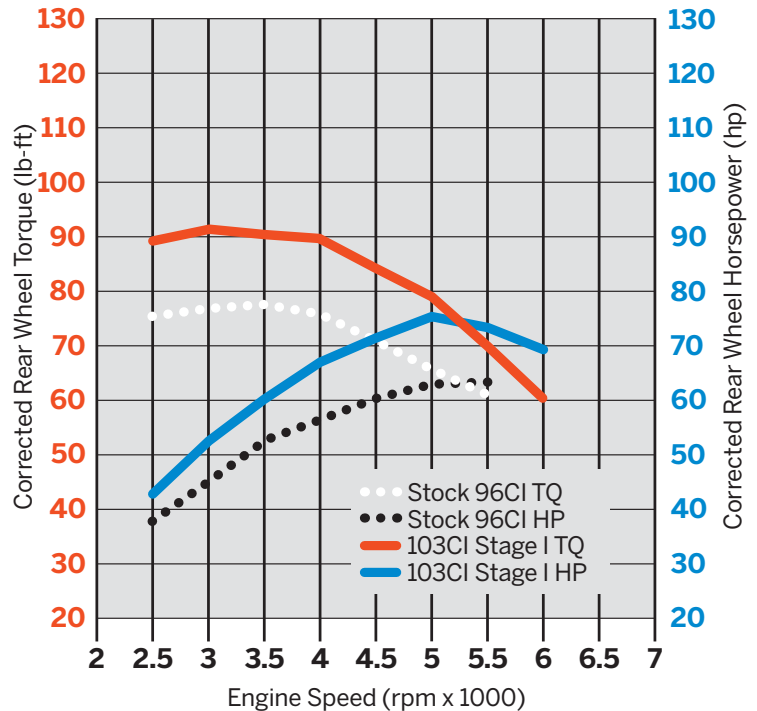
*Recalibration is required for proper installation. See Dealer for details. Labor cost is not included.

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

When installed by an authorized Harley-Davidson® Dealer at the time of vehicle delivery, these kits do not impact the vehicle's limited warranty.



Twin Cam 96 Stock vs. 103CI Stage I Kit





SCREAMIN' EAGLE® SPORTSTER® 883CC TO 1200CC STAGE I CONVERSION KIT

Make your Iron 883™ 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, this kit includes Sportster Stage I Air Cleaner Kit, XL1200 Cylinder Heads and XL1200 Cylinders and Pistons. Kit includes cylinders and cylinder heads. No case machining is required for installation. Street legal when used with stock mufflers. All models require ECM calibration* (priced separately).

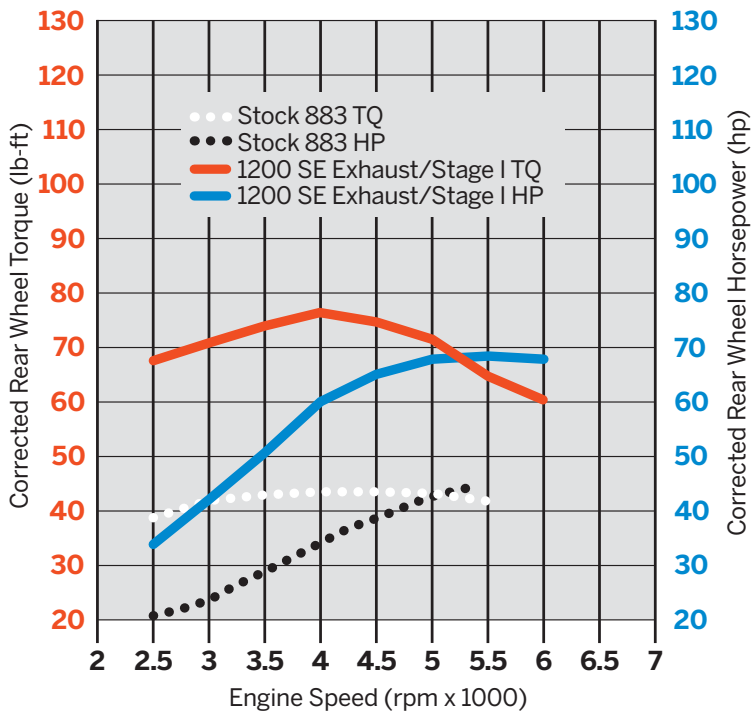
29784-07 Black Highlighted.
Fits '07-later XL883 models.

30003-10 Black Non-Highlighted.
Fits '08-later XL883 models.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

When installed by an authorized Harley-Davidson® Dealer at the time of vehicle delivery, these kits do not impact the vehicle's limited warranty.

Sportster 883cc Stock vs. 1200cc Stage I Kit
(Shown with SE Performance Mufflers)



SCREAMIN' EAGLE SPORTSTER 883CC TO 1200CC STAGE I STREET LEGAL CONVERSION KIT

RACE STAGE KITS

PUT IT ALL TOGETHER

Screamin' Eagle® Race-Use Stage Kits are engineered to eliminate the guesswork and trial-and-error challenges involved in building a reliable, track-ready performance engine. We've already done hundreds of hours of dyno testing and fuel-injection calibration so you don't have to. System-matched throttle bodies, heads and pistons are combined with heavy-duty internal components to maximize the engine's potential and ensure its long-term reliability.





SCREAMIN' EAGLE PRO 120RX RACE KIT – CABLE THROTTLE



SCREAMIN' EAGLE® PRO 120RX RACE KIT – 120 CUBIC INCHES



Engineered to maximize the track performance of the Screamin' Eagle® SE120R race engine, this system-matched pairing of Race Xtreme components is sure to put you in the winners circle. When combined with a race-use stepped header system, this combination can produce over 145 rear-wheel horsepower. **For race application only.**

Kit includes the following Screamin' Eagle Pro components:

- Hurricane CNC Oval Ported Cylinder Heads
- Forged 12:1 Compression Piston Kit
- RX-267 Performance Cam Kit
- Tapered Quick-Install Adjustable Pushrods
- 62mm or 64mm Throttle Body
- High-Flow Oval Port Intake Manifold
- High-Flow Injector Kit
- Velocity Stack Kit
- Super Tuner EFI Tuner
- All necessary gaskets

92500002A Cable Throttle – 62mm.
Fits '06-later Dyna® and Softail® EFI models and '06-'07 Touring EFI models equipped with 120CI Twin Cam engine. Not compatible with cruise control.

92500004A Electronic Throttle – 64mm.
Fits '08-later Touring models equipped with 120CI Twin Cam engine. Does not fit Twin-Cooled™ models.



SCREAMIN' EAGLE PRO 120RX RACE KIT – ELECTRONIC THROTTLE



60 STAGE KITS – RACE

Twin Cam Models

SCREAMIN' EAGLE® PRO STAGE IV RACE KIT – 113 CUBIC INCHES

A complete kit for the racing performance enthusiast. This kit has it all to get your motor to perform competitively at the track. This kit includes our precision honed big bore 4.060" diameter cylinders with high-compression 10.5:1 forged aluminum pistons, a set of high lift SE-266E cams, our CNC Ported Maximum Velocity Area (MVA's) Heads with 2.120" diameter intake valves, Perfect Fit (+.060) Pushrods and gaskets. Heads are machined to accept automatic compression releases (sold separately). To get the air to the heads you need a big bore throttle body. This kit includes our 58mm throttle body along with large fuel injectors. To top off the kit we've also included our very popular EFI Super Tuner. Requires separate purchase of Air Cleaner Kit, Cam Drive Retention Kit P/N 25566-06, Cam Spacer Kit P/N 25928-06. Installation requires crankcase machining with Crankcase Boring Tool P/N 94416-06 or separate purchase of Screamin' Eagle® Crankcase Set P/N 24601-10A or 244000001.

For race application only.

Fits '07-later Dyna® and Softail® and '07 Touring models. Also fits '06 Dyna models when upgraded to 4.375" Stroker Flywheel P/N 23729-07. Cannot be installed on 110CI CVO™ models or any Twin Cam models previously upgraded to a 110CI motor. Requires separate purchase of model-specific Automatic Compression Release Wiring Harness Kit. Not compatible with cruise control.

27559-08E Black.

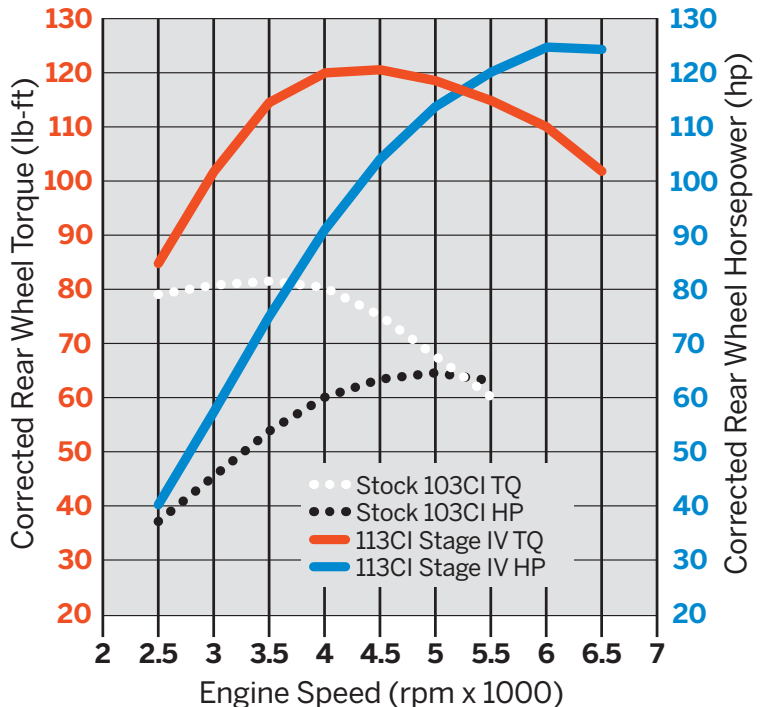
Fits '08-later Touring and Trike models (except Twin-Cooled™ models). Cannot be installed on 110CI CVO models or any Twin Cam models previously upgraded to a 110CI motor. Requires separate purchase of model-specific Automatic Compression Release Wiring Harness Kit.

27525-08D Black.

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



TWIN CAM 103 STOCK VS. 113CI STAGE IV RACE KIT



SCREAMIN' EAGLE PRO STAGE IV RACE KIT – 113 CUBIC INCHES ('08-LATER TOURING SHOWN)



SCREAMIN' EAGLE® PRO STAGE IV KIT – 103 CUBIC INCHES



The perfect track-ready upgrade for your 103CI Twin Cam model. Ready to install using your Original Equipment 103 cylinder barrels, this kit includes CNC-Ported Factory Cylinder Heads with high performance valve springs, matching high-compression forged aluminum 10.5:1 pistons, SE-259E cams for higher lift for a given duration, Perfect Fit Pushrods to accommodate the higher cam lift and a 58mm throttle body with performance-matched High Flow Injectors. The kit also includes high-performance clutch spring and sprocket retention hardware to put the power to the ground and the Screamin' Eagle Super Tuner to provide the right tuning capabilities. Kit includes top end gaskets. Installation requires separate purchase of Cam Service Kit P/N 17045-99D and Drive Gear Retention Kit P/N 25566-06. **For race application only.**

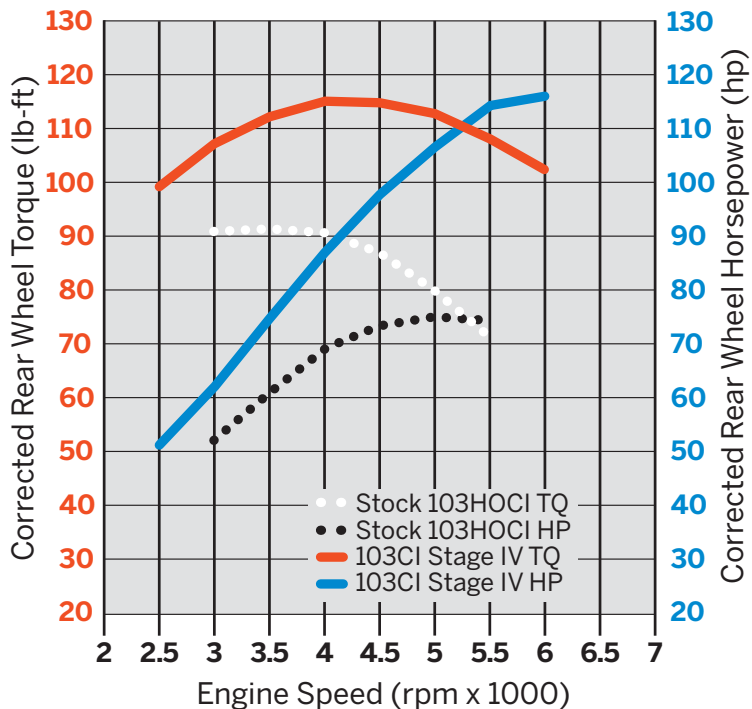
92500010A Black.
Fits '12-later Dyna® and Softail® models with Original Equipment Twin Cam 103™ engine.

92500005 Black.
Fits '10-later Touring models with Original Equipment Twin Cam 103 engine (except Twin-Cooled™ models). Also fits '08-'11 Touring models equipped with a Twin Cam 96™ engine with separate purchase of Screamin' Eagle 3-7/8 Big Bore Cylinder Kit. Dual exhaust is required for '10 FLHX and FLTRX models.

92500018 Black.
Fits '14-later FLHTCU, FLHTCUL, FLHTK and FLHTKL models with Original Equipment Twin Cam 103 Twin-Cooled engines.



TWIN CAM 103HO STOCK VS. 103CI STAGE IV KIT



SCREAMIN' EAGLE PRO STAGE IV KIT – 103 CUBIC INCHES (ORIGINAL EQUIPMENT 103CI TOURING KIT SHOWN)

62 STAGE KITS – RACE

Twin Cam Models

SCREAMIN' EAGLE® PRO STAGE IV KIT – 96 TO 103 CUBIC INCHES

If you're looking to turn your 96CI Twin Cam into a track-ready 103, this kit eliminates the guess work. Kit includes Big Bore cylinders, CNC-Ported Factory Cylinder Heads with high performance valve springs, matching high-compression forged aluminum 10.5:1 pistons, SE-259E cams for higher lift for a given duration, Perfect Fit Pushrods to accommodate the higher cam lift and a 58mm throttle body with High Flow Injectors to feed the beast. The kit also includes high-performance clutch spring and sprocket retention hardware to put the power to the ground and the "must have" Super Tuner to provide the right tuning capabilities. Kit includes top end gaskets. Installation requires separate purchase of Cam Service Kit P/N 17045-99D and Drive Gear Retention Kit P/N 25566-06. **For race application only.**

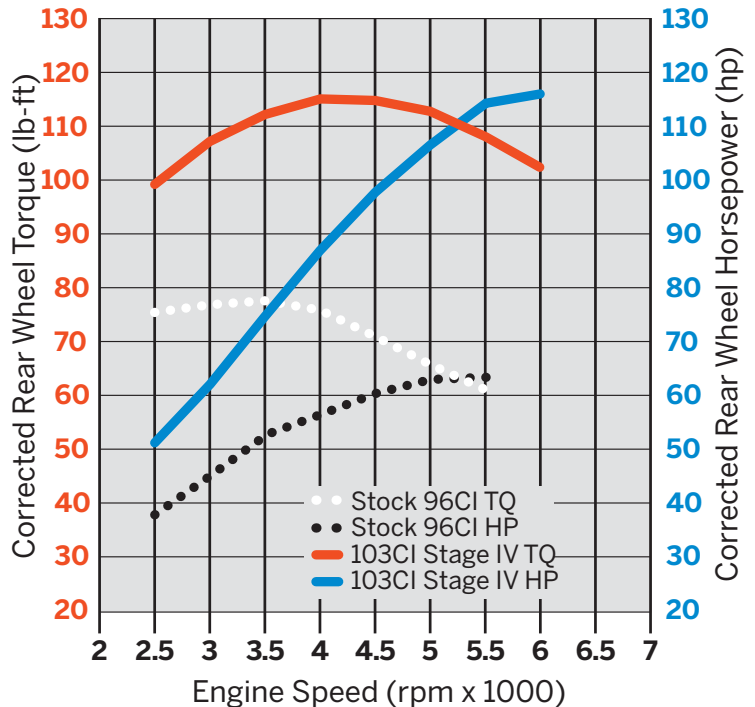
27516-08E Black.
Fits '07-later Dyna® and Softail® and '07 Touring models with Original Equipment Twin Cam 96™ engine. Not compatible with cruise control.

27517-08D Black.
Fits '08-'11 Touring models with Original Equipment Twin Cam 96 engine.

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



TWIN CAM 96 STOCK VS. 103CI STAGE IV KIT



SCREAMIN' EAGLE PRO STAGE IV KIT – 103 CUBIC INCHES



SCREAMIN' EAGLE® PRO STAGE III RACE KIT – 110 CUBIC INCHES



This kit was engineered and tested to upgrade the CVO™ 110 powertrain for use on the race track. Designed to maximize performance with the stock cylinder heads, this "in-a-box" kit includes high-compression 10.5:1 pistons, SE-259E cams, Perfect Fit Pushrods, high-performance clutch spring and gaskets. The kit also includes the "must have" Screamin' Eagle® Pro EFI Super Tuner module to provide the right on-track tuning for maximum performance. Installation provides significant improvements in performance over the street-legal 110CI CVO vehicle configuration. When equipped with high-flow air intake and high-flow exhaust, the combination has the potential to produce up to 114 HP and 110 lb-ft of torque with the stock cylinder heads.

For race application only.

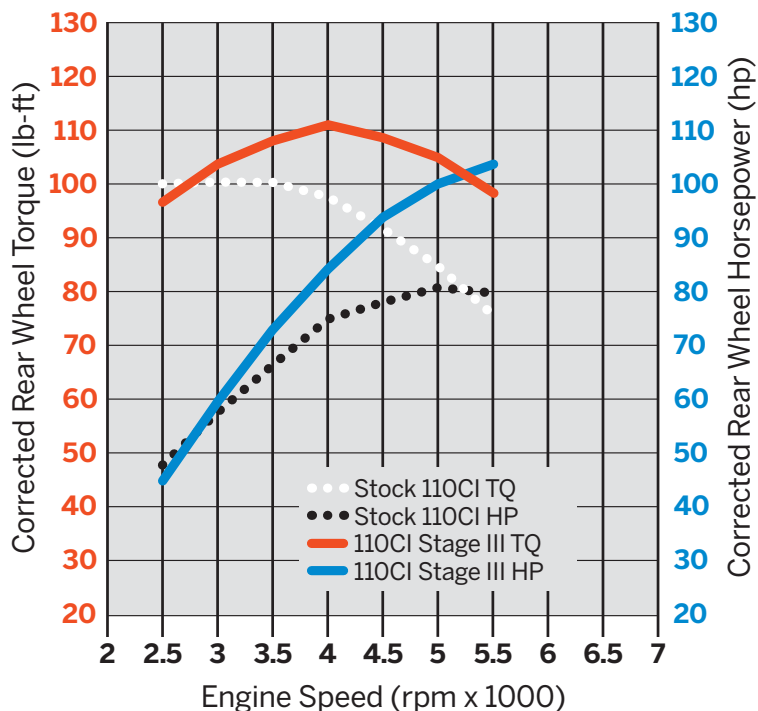
27548-10A

Fits '07-later CVO models with Original Equipment Twin Cam 110™ engines. Does not fit Twin-Cooled™ CVO models. NOTE: Diaphragm clutch spring is not applicable on CVO models equipped with A&S Clutch package

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



TWIN CAM 110 STOCK VS. 110CI STAGE III RACE KIT



64 STAGE KITS – RACE

Twin Cam Models

SCREAMIN' EAGLE® PRO STAGE III KIT – TWIN-COOLED™ 103 CUBIC INCHES ❖❖

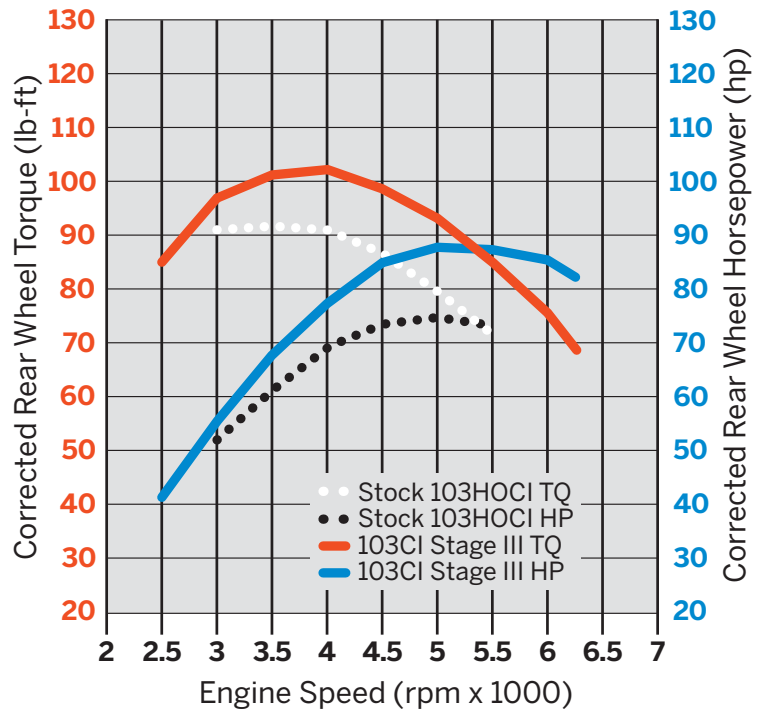
This kit was engineered specifically for the 103 cubic inch HO (High Output) Twin-Cooled™ engine. Designed to maximize performance with Original Equipment heads, this “in-a-box” kit features high compression 11.25:1 nickel-plated pistons, with coated piston skirts, SST piston rings, SE-259 cams, matching Perfect Fit Pushrods, a high performance clutch spring and top end gasket kit. The kit also includes the EFI Super Tuner to provide the correct calibration and fine-tuning capabilities. When teamed with a high-flow exhaust system, this Stage III configuration can be tuned to deliver 100+ horsepower and 100+ lb-ft of torque at the rear wheel. **For race application only.**

92500021

Fits '14-later FLHTCU, FLHTCUL, FLHTK, FLHTKL and FLHTCUTG models with Original Equipment Twin Cam 103™ Twin-Cooled engines.



TWIN CAM 103HO STOCK VS. 103CI STAGE III KIT – TWIN-COOLED MODELS



SCREAMIN' EAGLE PRO STAGE III KIT – TWIN-COOLED 103 CUBIC INCHES



SCREAMIN' EAGLE® PRO STAGE III KIT – 103 PERFORMANCE UPGRADE



Build a track-ready performance bike from your factory Twin Cam 103™ model. Designed for use with stock cylinder heads, this “in-a-box” solution includes: high-compression 10.5:1 pistons, SE-259E cams, Perfect Fit Pushrods, high-performance diaphragm clutch spring, high-lift valve springs and gaskets. The kit also includes the “must have” Screamin’ Eagle® Pro EFI Super Tuner module to provide the right on-track tuning for maximum performance. When installed with your choice of high-flow air cleaner and free-flowing exhaust, this engine has the potential to produce 98 HP and 108 lb-ft of torque with the stock cylinder heads.

For race application only.

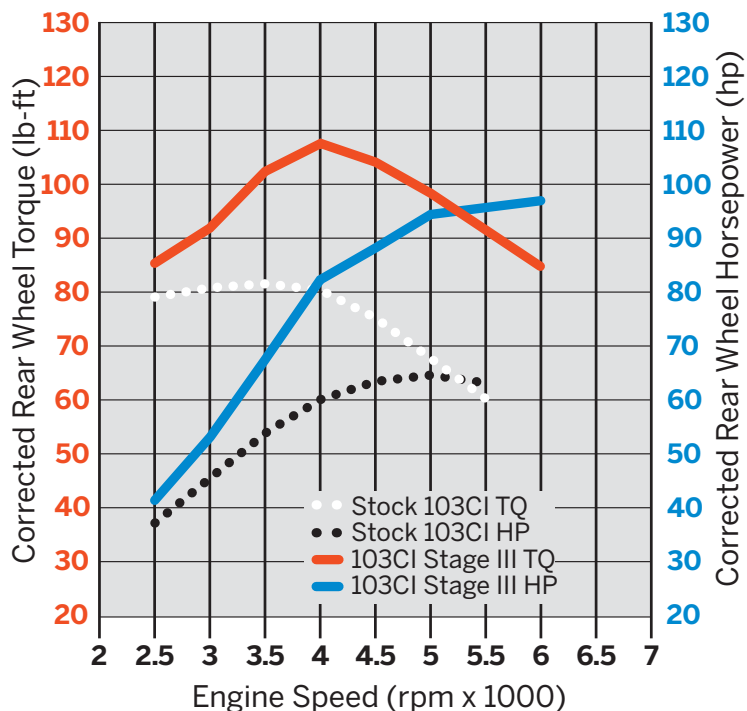
27544-10A

Fits '10-later Dyna®, Softail®, Touring and Trike models with Original Equipment Twin Cam 103 engine. Does not fit Twin-Cooled™ models.

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



TWIN CAM 103 STOCK VS. 103CI STAGE III KIT



66 STAGE KITS – RACE

Twin Cam Models

SCREAMIN' EAGLE® PRO STAGE III KIT – 96 TO 103 CUBIC INCHES



This 103 bolt on kit is designed to provide increased performance enhancements at an attractive price range that will work with your Original Equipment heads. Kit includes 3-7/8" diameter highlighted cylinders, forged aluminum 10.5:1 compression ratio pistons, an SE-259E cam supported by high-performance valve springs along with the appropriate Perfect Fit Pushrods and gasket kit. In addition kit includes our "must have" EFI Super Tuner to provide the correct calibration for appropriate tuning abilities. **For race application only.**

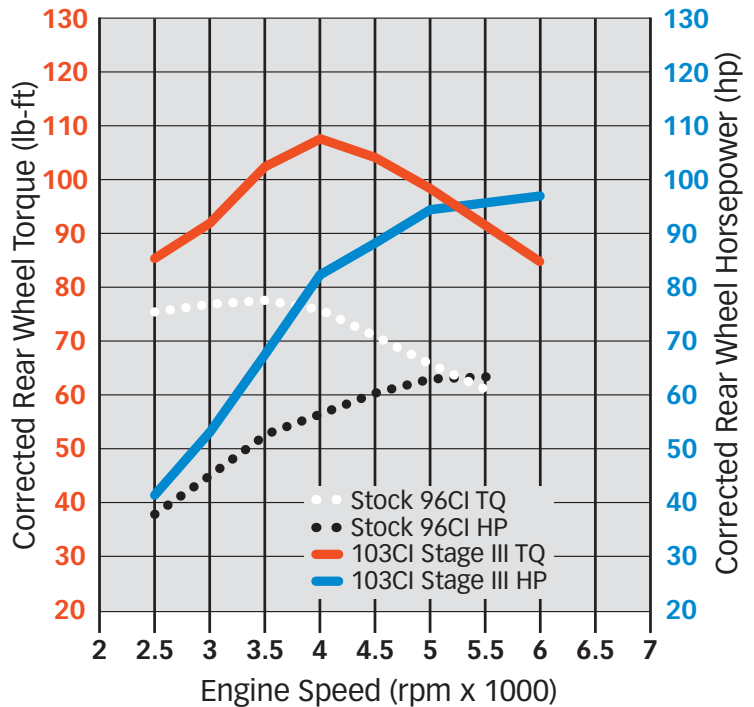
Fits '07-later models equipped with a Twin Cam 96™ engine.

27513-08C Black.

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



TWIN CAM 96 STOCK VS. 103CI STAGE III KIT



SCREAMIN' EAGLE PRO STAGE III KIT – 103 CUBIC INCHES



A. SCREAMIN' EAGLE PRO STAGE II KIT – 96/103 CUBIC INCHES



B. SCREAMIN' EAGLE PRO STAGE II KIT – 103 CUBIC INCHES

A. SCREAMIN' EAGLE® PRO STAGE II KIT – 96/103 CUBIC INCHES

When combined with your choice of free-flowing Screamin' Eagle® intake and slip-on mufflers, this track-ready bolt-in kit is designed to provide your factory-original Twin Cam 96™ or 103™ model with increased performance at an attractive price. Engineered to maximize the performance available from the Original Equipment heads, pistons, valve springs and cylinders, the kit includes Screamin' Eagle SE-254E cams, Quick-Install Pushrods and all necessary gaskets. The kit also includes the Screamin' Eagle Super Tuner for track-side tuning and a high-performance clutch spring that ensures the new-found torque makes it to the rear wheel. **For race application only.**

92500003

Fits '06-later Dyna®, '07-later Softail® and Touring models equipped with a Twin Cam 96 or 103 engine.

B. SCREAMIN' EAGLE PRO STAGE II KIT – 103 CUBIC INCHES*

The Stage II Big Bore Kit provides the parts you need to improve the track performance and 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). Kit includes Stage II (SE-255) cams, 3-7/8" Big Bore cylinders, 3-7/8" Big Bore flat top pistons a high-performance clutch spring and all mounting hardware and gaskets. Just add your choice of a Screamin' Eagle High-Flow or Heavy Breather Air Cleaner (sold separately) for maximum track performance. Requires separate purchase of primary cover gasket. Not all components shown. All EFI-equipped models require ECM calibration* (priced separately). Separate purchase of cam spacers is required. See service manual for proper procedure and cam spacer part numbers. **For race application only.**

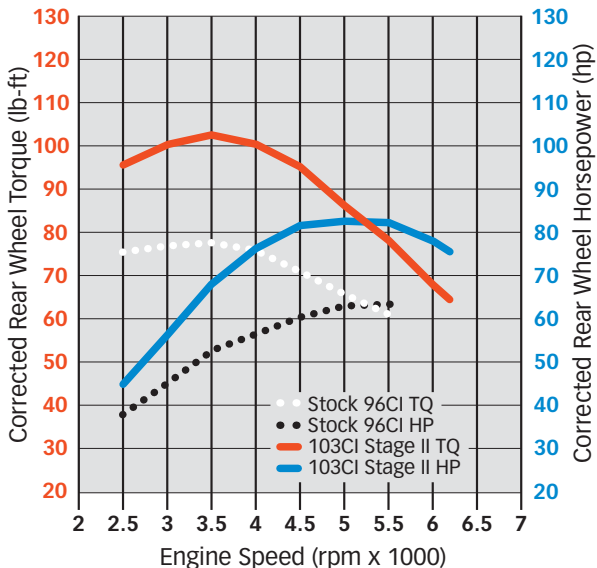
Fits '07-later models equipped with a Twin Cam 96 engine.

29893-07B Black.

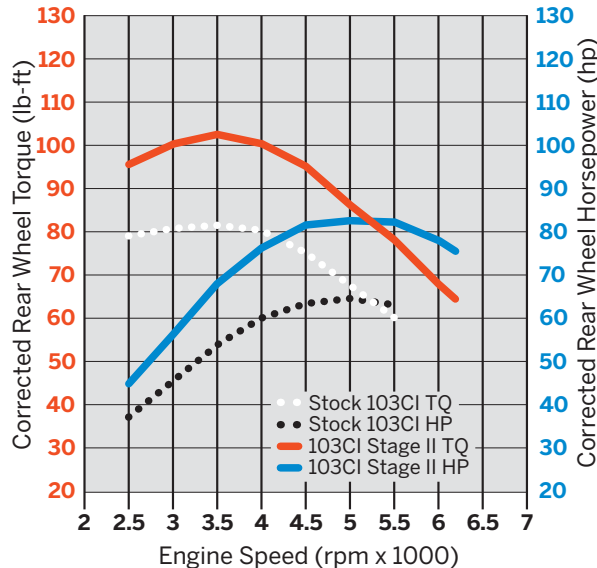
29894-07B Silver.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

TWIN CAM 96 STOCK VS. 103CI STAGE II KIT



TWIN CAM 103 STOCK VS. 103CI STAGE II KIT



68 STAGE KITS – RACE

Twin Cam / Sportster® Models

A. SCREAMIN' EAGLE® PRO STAGE II KIT – 95 CUBIC INCHES



When stock cams just won't do. This Big Bore Kit provides the parts you need to increase the horsepower of your EFI-equipped model. The kit increases the displacement of your '99-'06 Twin Cam 88® from 88 cubic inches (1450cc) to 95 cubic inches (1550cc). Includes Stage II (SE-203) cams, 3-7/8" cylinders, 3-7/8" pistons, clips, air cleaner and breather, high-performance clutch spring, hardware and gaskets. Requires separate purchase of primary cover gasket and Air Cleaner Trim Ring. (Not all components shown.) All EFI-equipped models require ECM calibration* (priced separately). **For race application only.**

Fits '01-'06 EFI Softail®, '02-'06 EFI Touring and '04-'05 EFI Dyna® models.

29859-04B Silver.

29775-02C Black.

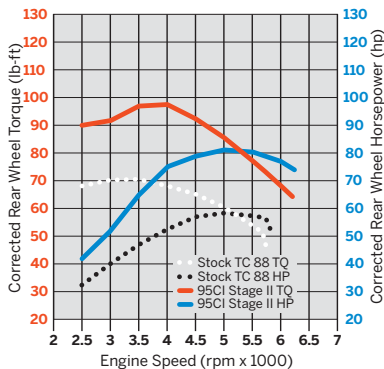
Fits '99-'01 fuel-injected Touring models. '99 models require Splined Cam Sprocket P/N 25716-99.

29492-99D Black.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

NOTE: Separate purchase of Cam Spacer Kit P/N 25938-00 is recommended for '99-'06 Touring, '01-'06 Softail and '04-'05 Dyna models. This kit contains five different spacers to achieve proper sprocket alignment. Individual spacers can be purchased separately. For '06 Dyna models, see service manual for proper procedure and Cam Spacer part numbers.

TWIN CAM 88 STOCK VS. 95CI STAGE II KIT



B. SCREAMIN' EAGLE PRO SPORTSTER® 883CC TO 1200CC STAGE II CONVERSION KIT



Upgrade displacement and performance of your track-dedicated Iron 883™ model. The all-black big bore cylinders bump your engine's displacement to 1200cc and the matching 10:1 high-compression pistons are engineered to maximize the performance with the Original Equipment cylinder heads. The high-performance Screamin' Eagle® cams (25197-04) are designed to complement the stock lifters, valve springs and rocker arms. Complete kit includes top-end gaskets, performance clutch spring and the Screamin' Eagle Pro Super Tuner for track-side performance adjustments.

For race application only.

29836-10 Black Non-Highlighted.

Fits '07-later XL883 models.



A. SCREAMIN' EAGLE PRO STAGE II KIT – 95 CUBIC INCHES



B. SCREAMIN' EAGLE PRO SPORTSTER 883CC TO 1200CC STAGE II CONVERSION KIT





NEW
Web-Based
Training
Available

SCREAMIN' EAGLE STREET PERFORMANCE TUNER KIT – SOFTWARE

PERFORMANCE TUNING

Modifying an EFI-equipped motorcycle for improved performance is similar to modifying a carbureted model, in that freer-flowing intake and exhaust systems will require more fuel, and increased displacement and compression will require more fuel and spark timing changes. The Screamin' Eagle family of EFI Tuners provide the computer-based tools you need to record and edit the ECM tuning tables for fuel delivery and spark timing. The Tuning mode allows you to alter specific variable in your EFI system, and the Data mode enables you to record and display real-time vehicle data and graph the results on screen. The Tuner software also includes a variety of pre-tuned calibrations that can be saved and loaded into your ECM.

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

SCREAMIN' EAGLE TUNER KIT COMPARISON



Screamin' Eagle Street Performance Tuner



Screamin' Eagle Pro Super Tuner

A. SCREAMIN' EAGLE® STREET PERFORMANCE TUNER KIT



The Screamin' Eagle® Street Performance Tuner is designed to simplify management of street legal performance calibrations as EPA/CARB-compliant performance modifications are made. Once installed, the kit will allow you to upload the latest ECM calibrations for your bike's legal 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 a Big Bore Stage I, II or IV Stage Kit later and simply download the proper ECM calibration to match the model and hardware. Plus, you have online access to the latest factory calibrations.

The kit includes the Vehicle Communications Interface (VCI) module with on-board memory that can record up to 15 minutes of run-time data. The module will store information on up to 27 variables that can be downloaded to your PC via an optional USB cable, allowing the rider or technician to view and evaluate engine operating parameters. With the included software, you can download and view the bike's air/fuel ratio, O₂ sensor readings, engine speed and temperature, RPM and vehicle speed, throttle position, spark advance and many more performance characteristics. The VCI will also record and display service codes for troubleshooting and diagnostics.

The Street Tuner software includes impressive new features:

- 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 O₂ sensors only.
- Interpolation of missing data derived from recordings, which reduces analysis time by automatically generating data that might be missed in the recording process.
- Expanded tunability of spark advance and throttle progression (certain models only, refer to chart on page 70).
- Increased sampling rate to take advantage of the faster ECM data speeds found on select '11-later models (CAN protocol).
- **To get started with Street Performance Tuning, a free web-based training guide is available through the software or by visiting the following website: H-D.COM/STREETPERFORMANCETUNER.**

NOTE: Street Tuner permits limited tunability within the emissions range to optimize drivability without compromising emission levels. It also features expanded tuning options outside of the emissions range to optimize performance.

41000008B

For use with '14-later XL and '07-later EFI Dyna, Softail and Touring models. Model year '15 Dyna, Softail and Touring models and model year '14 and '15 XL pending regulatory approval.

B. SCREAMIN' EAGLE® PRO SUPER TUNER



Get the biggest advantage at the race track with the Screamin' Eagle® Pro EFI Super Tuner. The hardware and software in the Super Tuner makes EFI tuning easier with dozens of innovative tuning enhancements. Super Tuner is available in 8 languages (English, Spanish, German, French, Japanese, Italian, Portuguese and Dutch), and is compatible with Windows® XP, Vista®, Windows 7 and Windows 8. The VCI allows USB connectivity to your PC and contains on board memory for a full 15 minutes of data recording, tracking up to 26 data variables. Data recording is conveniently activated with a push of a button, allowing the VCI to be taken to the track to gather data during true race conditions. Cable Kit (P/N 32184-08A or 41000018) is sold separately and provides all necessary connections between Motorcycle, VCI and PC / Laptop. Data and tuning functions are combined into a single application, ensuring you are only 2 clicks away from any major tuning function. With the click of a button, the software automatically connects to the internet, updates to the most current version and retrieves the newest calibrations developed by professional Screamin' Eagle calibrators. Software contains built-in model recognition that filters calibrations, listing those that are applicable to your model.

To get you on the track quickly, a free web-based training guide has replaced the training DVD and is available through the software.

Super Tuner software is included and updates are available via web download. For race application only.

32109-08C

For use with '01-later EFI VRSC™, XL, XR, Dyna®, Softail® and '02-later EFI Touring and Trike models. Also fits VRXSE Destroyer® race bikes. Requires separate purchase of Cable Kit.

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-later 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.

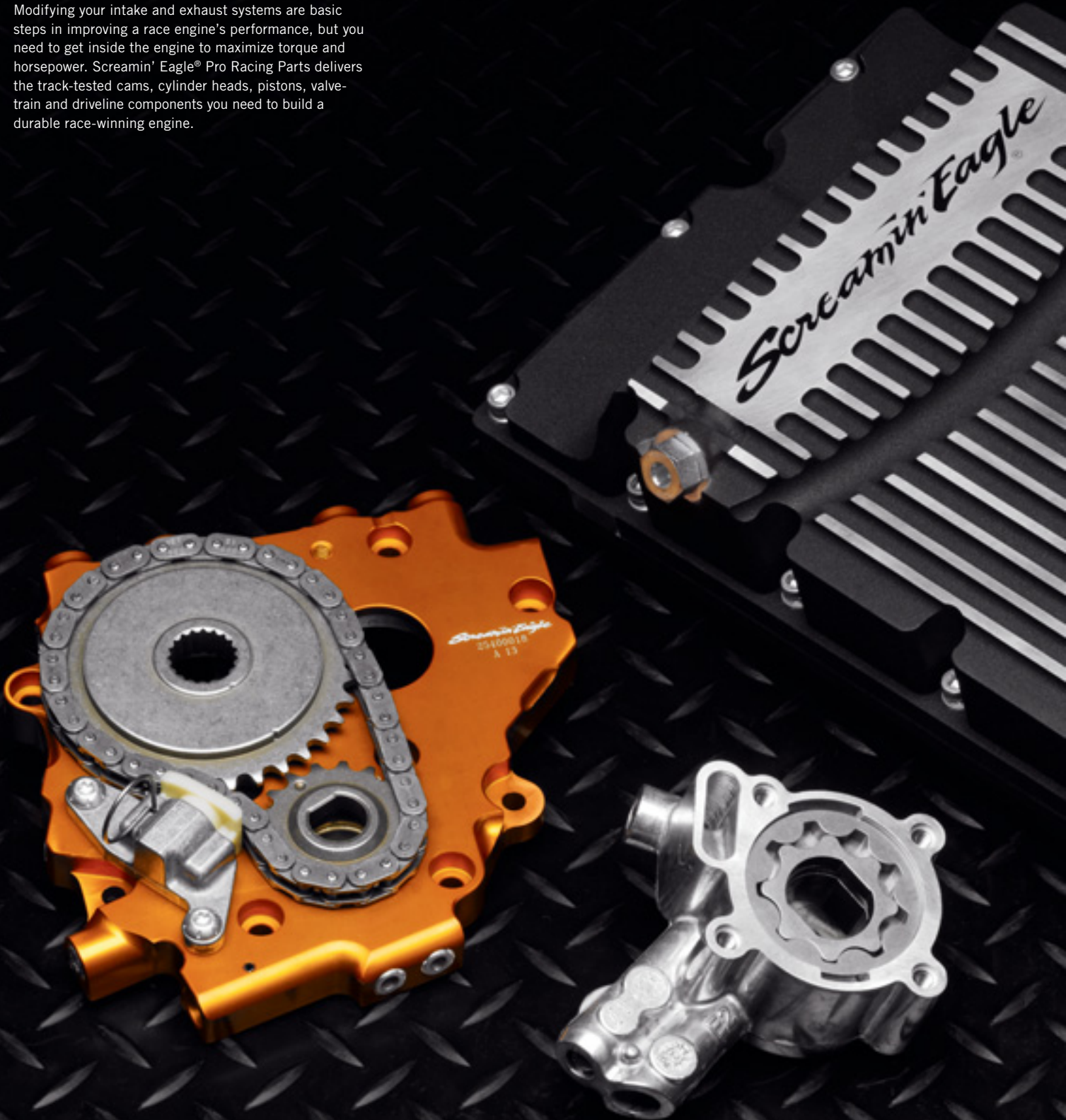
41000018

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

ENGINE & DRIVETRAIN COMPONENTS

BUILD POWER FROM WITHIN

Modifying your intake and exhaust systems are basic steps in improving a race engine's performance, but you need to get inside the engine to maximize torque and horsepower. Screamin' Eagle® Pro Racing Parts delivers the track-tested cams, cylinder heads, pistons, valve-train and driveline components you need to build a durable race-winning engine.



CHOOSING A CAM

GIVE IT A LIFT

There are a few basic questions you should ask yourself when selecting a camshaft for your Twin Cam engine.

WHAT IS THE PRIMARY USE OF THE MOTORCYCLE? Are you looking for a bump in low-end torque for your loaded touring bike or are you seeking a big boost in horsepower to push your lightweight bike to victory at the strip?

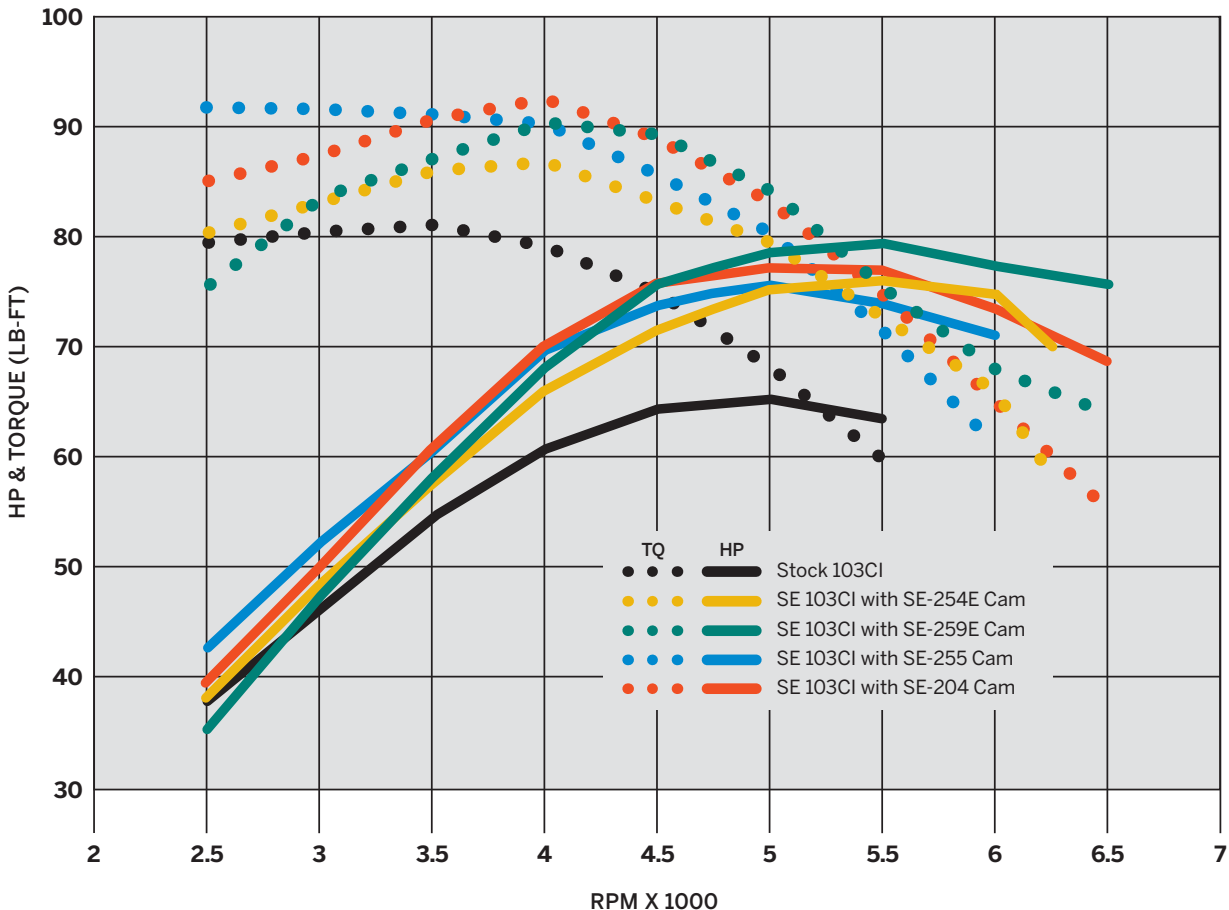
WHAT TYPE OF RIDING DO YOU DO? Is your riding style relaxed or aggressive? Do you spend a lot of time riding stoplight to stoplight or do you prefer a leisurely two-up ride on back roads and freeways?

WHAT OTHER MODIFICATIONS HAVE BEEN MADE TO THE ENGINE? Have you installed a mild Stage I air cleaner and street-performance muffler package or have you gone all-out with big bore cylinders, high-compression pistons and ported cylinder heads?

When building an engine to satisfy these performance objectives, the relationship between horsepower and torque is one of the most significant concepts to understand. Camshafts, cylinder heads and stroke length determine where the torque and horsepower peaks occur. While hot cams, higher-flowing cylinder heads and a free-flowing exhaust system will move the peaks higher up the RPM band, conservative cams may feel stronger to a street rider because the maximum torque occurs at lower RPM. The experts at your Harley-Davidson® dealer have the knowledge, skill and experience to recommend the optimum cam specifications for your riding demands.



CAM COMPARISON CHART
TWIN CAM 103 STOCK VS. 103 WITH SCREAMIN' EAGLE AIR CLEANER, CAM AND STREET PERFORMANCE MUFFLERS



SCREAMIN' EAGLE® PRO TWIN CAM PERFORMANCE CAMS ❄️❄️

For '06-later Dyna® and '07-later Softail® and Touring models.

Kits include front and rear cams. Splined rear cam is included for exceptional load handling capability. Gaskets and bearings not included. Dealer installation is recommended and special tools are required for proper installation. Cam Installation Kit P/N 17045-99C (sold separately) includes all required gaskets, bearings and seals for proper installation. All EFI models require ECM calibration (priced separately). **For race application only.**

We recommend installation of Screamin' Eagle® Twin-Cam tappets P/N 18572-13 in high lift scenarios in combination with high pressure valve springs. Extreme stresses occur when combinations such as MVA cylinder heads are used with exceptionally high lift and long duration cams such as SE-263E and greater.



❄️❄️
**Twin Cam
SE-211 (Late Style)**

SE-204 CAM KIT

This midrange torque bolt-in cam produces peak horsepower around 5800 RPM and installation does not require any headwork or performance valve springs. Should be used in conjunction with open intake and exhaust. **For race application only.**

SE-211 CAM KIT

This camshaft works great with 103" and larger engines with free-flowing intake and exhaust. This bolt-in camshaft works well with stock heads and high-compression pistons. It increases midrange torque and top-end power. **For race application only.**

SE-254E CAM KIT

This cam provides great low-end torque along with good midrange. A good "all-around" cam, the SE-254E is a good match for a Dyna®, Softail® or light Touring bike - Road King®, Street Glide® or Road Glide® Custom-when the aggressive rider desires a little more top-end horsepower. In a 0-60 sprint or 1/4 mile drag race, the SE-254E-equipped model would pull ahead of an identical model with a SE-255 cam. **For race application only.**

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. These cams are used in the '07-later street-legal 103 Stage II Kits and the 110 Stage I Kits. Compression releases may be required depending on displacement and compression ratio. **For race application only.**

SE-258 CAM KIT*

This higher power version of the SE-257 cam has been designed for high-compression big bore or larger cylinders and piston when used in conjunction with performance heads and open intake and exhaust. The later intake closing sacrifices some low-end torque to gain top-end power. The cam works great in cruiser bikes and provides an extra kick above 3000 RPM so hold on tight. **For race application only.**

SE-259E CAM KIT – EFI*

Developed specifically for throttle body EFI systems, 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" 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. This cam is used in the 103" Stage 3 Race Kit. **For race application only.**

SE-260 CAM KIT*

This cam is designed around large displacement and high RPM engines. This cam should be used with high-compression, performance heads and open intake and exhaust. This cam is used in the 103" and larger Stage 4 Race Kits. It has the lift and duration necessary to take advantage of the 110+ and CNC ported heads. **For race application only.**

SE-263E CAM KIT – EFI*

Developed specifically for throttle body EFI systems, this cam has a modern lobe design that allows for higher valve lifts for a given duration. Overlap is reduced to improve part throttle drivability while maintaining great wide open throttle torque and power. This camshaft works well with 110" and larger engines. It should be used with high-compression performance heads and free-flowing intake and exhaust. **For race applications only.**

SE-266E CAM KIT – EFI*

Developed specifically for throttle body EFI systems, this cam has a modern lobe design that allows for higher valve lifts for a given duration. Overlap is reduced to improve part throttle drivability while maintaining great wide open throttle torque and power. This camshaft works well with 110" and larger engines. It should be used with high-compression performance heads, and free-flowing intake and exhaust. This cam shaft is used in the 113" Stage IV Race Kit and SE120R engines. **For race applications only.**

RX-267 CAM KIT*

This Race Xtreme camshaft uses a very aggressive full-race lobe design to maximize airflow into the engine. The aggressive ramp design opens and closes the valves quickly to maximize the valve open area and promotes maximum flow and power. These cams are not for the faint of heart or novice—they are for the serious racer with a desire to beat the competition. These cams are designed to work in concert with the Hurricane CNC Oval Ported cylinder heads, high-compression pistons, Oval Port High-Flow Intake Manifold, Screamin' Eagle® 62mm Throttle Body with high-flow injectors and matching Velocity Stack. **For race application only.**

***NOTICE:** Requires use of Screamin' Eagle Valve Spring Kit and appropriate Screamin' Eagle Pushrods for installation and to ensure proper clearance. Failure to comply may result in engine damage.

SELECTING A CAMSHAFT BY THE NUMBERS

The intake closing point relative to bottom center listed in the table below can be used as a general indicator for the shape of the torque curve. Earlier intake closing values will result in higher torque at low engine speeds (along with lower horsepower at higher engine speeds). Later intake values will result in higher horsepower at high engine speeds (along with lower torque at low engine speeds).

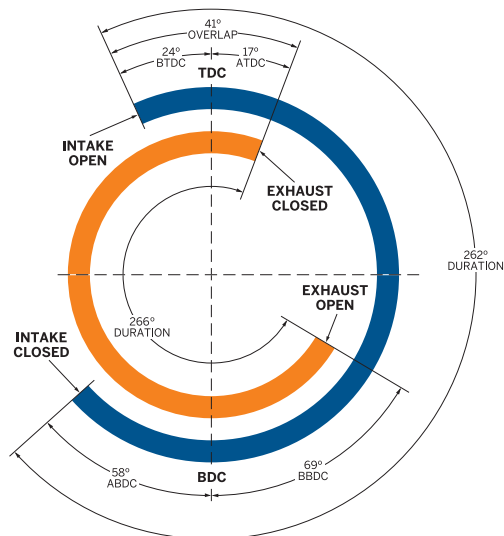
Intake Closing
(degrees ABDC)

- Less than 30°** Early intake closing indicates a low-speed torque cam.
- 30° – 50°** Medium intake closing indicates a midrange torque cam.
- Greater than 50°** Late intake closing indicates a high-speed power cam.

Intake closing values are just one indicator of the shape of the torque curve. Camshaft lift and duration along with the cylinder head's port size and flow, engine displacement, compression ratio and throttle size also play a roll in the shape of the torque curve.

Valve Timing Events (SE-266E shown)

- TDC** = Top Dead Center (piston at very top of cylinder)
- ATDC** = After Top Dead Center
- BTDC** = Before Top Dead Center
- BDC** = Bottom Dead Center (piston at very bottom of cylinder)
- ABDC** = After Bottom Dead Center
- BBDC** = Before Bottom Dead Center



CAM SPECIFICATIONS

Description	Part Number	Popularity	Lift @ Valve Intake/Exhaust	Duration @ .053 Intake/Exhaust	Timing @ .053 Lift Open/Close	TDC Lift @ Valve Intake/Exhaust
Stock Cam Specs	—	—	.484" / .484"	198° / 222°	Intake: 12° ATDC / 30° ABDC Exhaust: 38° BBDC / 04° ATDC	0.041" / .102"
MY14 Stock HO 103	See Service manual for specific P/N	N/A	.511" / .511"	212° / 233°	Intake: 02° BTDC / 30° ABDC Exhaust: 43° BBDC / 10° ATDC	.091" / .125"
SE-204 Midrange TQ	25464-06	**	.508" / .508"	236° / 240°	Intake: 22° BTDC / 34° ABDC Exhaust: 52° BBDC / 08° ATDC	0.208" / .129"
SE-211 Midrange TQ	25465-06	***	.508" / .508"	248° / 256°	Intake: 23° BTDC / 45° ABDC Exhaust: 59° BBDC / 17° ATDC	0.203" / .170"
SE-254E Midrange TQ	25503-10	***	.535" / .536"	224° / 234°	Intake: 01° ATDC / 43° ABDC Exhaust: 50° BBDC / 04° ATDC	0.094" / .102"
SE-255 Low Speed TQ	25638-07	*****	.556" / .556"	211° / 235°	Intake: 6° BTDC / 25° ABDC Exhaust: 48° BBDC / 7° ATDC	0.130" / .116"
SE-258 Hi Speed HP	25474-06	*	.569" / .569"	258° / 268°	Intake: 26° BTDC / 52° ABDC Exhaust: 65° BBDC / 23° ATDC	0.224" / .208"
SE-259E Midrange TQ	25482-10	****	.579" / .579"	246° / 250°	Intake: 19° BTDC / 47° ABDC Exhaust: 58° BBDC / 12° ATDC	0.182" / .155"
SE-260 Hi Speed HP	25475-06	*	.609" / .609"	263° / 269°	Intake: 28° BTDC / 55° ABDC Exhaust: 65° BBDC / 24° ATDC	0.236" / .213"
SE-263E Hi Speed HP	25483-10	*	.637" / .637"	254° / 258°	Intake: 22° BTDC / 53° ABDC Exhaust: 64° BBDC / 15° ATDC	0.196" / .168"
SE-266E Hi Speed HP	25494-10	***	.658" / .658"	262° / 266°	Intake: 24° BTDC / 58° ABDC Exhaust: 69° BBDC / 17° ATDC	0.208" / .178"
RX-267 Hi Speed HP	25602-10	*	.660" / .660"	278° / 282°	Intake: 31° BTDC / 67° ABDC Exhaust: 76° BBDC / 26° ATDC	0.257" / .231"

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

NOTE: Separate purchase of Cam Spacer Kit P/N 25928-06 is recommended for '06-later Dyna®, '07-later Softail® and Touring models. These kits contain five different spacers to achieve proper sprocket alignment. Individual spacers can be purchased separately.

SCREAMIN' EAGLE® PRO TWIN CAM PERFORMANCE CAMS ❄️❄️

For '99-'05 Dyna®, '00-'06 Softail® and '99-'06 Touring models.

Kits include front and rear cams. Splined rear cam is included for exceptional load handling capability. Gaskets and bearings not included. Dealer installation is recommended and special tools are required for proper installation. Cam Installation Kit P/N 17045-99C (sold separately) includes all required gaskets, bearings and seals for proper installation. '99 models require splined Cam Sprocket P/N 25716-99 for installation. All EFI models require ECM calibration (priced separately). **For race application only.**

We recommend installation of Screamin' Eagle® Twin-Cam tappets P/N 18572-13 in high lift scenarios in combination with high pressure valve springs. Extreme stresses occur when combinations such as MVA cylinder heads are used with exceptionally high lift and long duration cams such as SE-263E and greater.



**Twin Cam
SE-211 (Early Style)**

SE-203 CAM KIT

Bolt-in performance cams designed to provide exceptional midrange torque. Installation does not require any headwork or performance valve springs and will work well with stock or mildly ported heads. Peak power occurs around 5500 RPM. Works well with displacements up to 96 cubic inches. **For race application only.**

SE-204 CAM KIT

This midrange torque bolt-in cam produces peak horsepower around 5800 RPM and installation does not require any headwork or performance valve springs. Should be used in conjunction with open intake and exhaust. **For race application only.**

SE-211 CAM KIT

This camshaft works great with 103" and larger engines with free-flowing intake and exhaust. This bolt-in camshaft works well with stock heads and high-compression pistons. It increases midrange torque and top-end power. **For race application only.**

SE-251 CAM KIT*

This camshaft is a high lift version of the SE-211 camshaft. As such, it works great with 103" and larger engines with free-flowing intake and exhaust. It can be used with stock heads updated with race springs and high-compression pistons to get even more torque than a SE-211 cam or couple it with any of the performance heads to realize the full power potential of this cam. **For race application only.**

SE-253 CAM KIT*

This high lift, torque cam is designed for larger displacement engines where increased midrange power is desired. This cam works well with increased compression and free-flowing intake and exhaust. **For race application only.**

SE-257 CAM KIT*

This cam delivers high-end horsepower you will feel in the straightaway while maintaining decent midrange torque. This cam requires increased compression for optimum performance. Works well in conjunction with big bore or larger cylinders, forged high-compression pistons, performance heads and open intake and exhaust. **For race application only.**

SE-258 CAM KIT*

This higher power version of the SE-257 cam has been designed for high-compression big bore or larger cylinders and piston when used in conjunction with performance heads and open intake and exhaust. The later intake closing sacrifices some low-end torque to gain top-end power. The cam works great in cruiser bikes and provides an extra kick above 3000 RPM so hold on tight. **For race application only.**

SE-260 CAM KIT*

This cam is designed around large displacement and high RPM engines. This cam should be used with high-compression, performance heads and open intake and exhaust. This cam is used in the 103" and larger Stage 4 Race Kits. It has the lift and duration necessary to take advantage of the 110+ and CNC ported heads. **For race application only.**

SE-266E CAM KIT – EFI*

Developed specifically for throttle body EFI systems, this cam has a modern lobe design that allows for higher valve lifts for a given duration. Overlap is reduced to improve part throttle drivability while maintaining great wide open throttle torque and power. This camshaft works well with 110" and larger engines. It should be used with high-compression performance heads and free-flowing intake and exhaust. This cam shaft is used in the 113" Stage IV Race Kit and SE120R engines. **For race applications only.**

***NOTICE:** Requires use of Screamin' Eagle Valve Spring Kit and appropriate Screamin' Eagle Pushrods for installation and to ensure proper clearance. Failure to comply may result in engine damage.

SELECTING A CAMSHAFT BY THE NUMBERS

The intake closing point relative to bottom center listed in the table below can be used as a general indicator for the shape of the torque curve. Earlier intake closing values will result in higher torque at low engine speeds (along with lower horsepower at higher engine speeds). Later intake values will result in higher horsepower at high engine speeds (along with lower torque at low engine speeds).

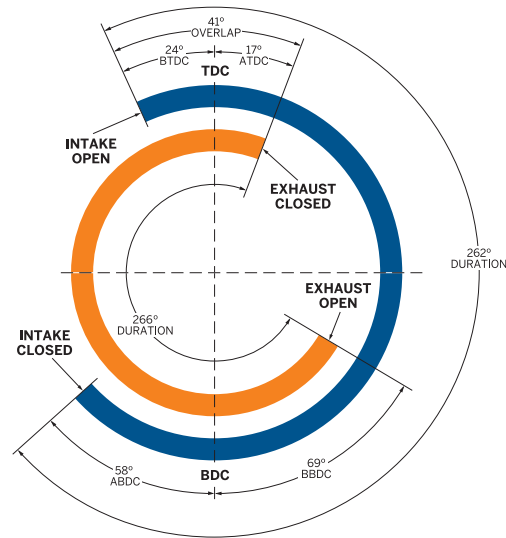
Intake Closing
(degrees ABDC)

- Less than 30°** Early intake closing indicates a low-speed torque cam.
- 30° – 50°** Medium intake closing indicates a midrange torque cam.
- Greater than 50°** Late intake closing indicates a high-speed power cam.

Intake closing values are just one indicator of the shape of the torque curve. Camshaft lift and duration along with the cylinder head's port size and flow, engine displacement, compression ratio and throttle size also play a roll in the shape of the torque curve.

Valve Timing Events (SE-266E shown)

- TDC** = Top Dead Center (piston at very top of cylinder)
- ATDC** = After Top Dead Center
- BTDC** = Before Top Dead Center
- BDC** = Bottom Dead Center (piston at very bottom of cylinder)
- ABDC** = After Bottom Dead Center
- BBDC** = Before Bottom Dead Center



CAM SPECIFICATIONS

Description	Part Number	Popularity	Lift @ Valve Intake/Exhaust	Duration @ .053 Intake/Exhaust	Timing @ .053 Lift Open/Close	TDC Lift @ Valve Intake/Exhaust
Stock Cam Specs	—	—	.484" / .484"	198° / 222°	Intake: 12° ATDC / 30° ABDC Exhaust: 38° BBDC / 04° ATDC	0.041" / .102"
SE-203 Midrange TQ	25937-99B	****	.510" / .483"	234° / 239°	Intake: 18° BTDC / 36° ABDC Exhaust: 42° BBDC / 17° ATDC	0.178" / .152"
SE-204 Midrange TQ	25149-00	***	.508" / .508"	236° / 240°	Intake: 22° BTDC / 34° ABDC Exhaust: 52° BBDC / 08° ATDC	0.208" / .129"
SE-211 Midrange TQ	25152-00	***	.508" / .508"	248° / 256°	Intake: 23° BTDC / 45° ABDC Exhaust: 59° BBDC / 17° ATDC	0.203" / .170"
SE-251 Midrange TQ	25121-03	**	.579" / .579"	244° / 250°	Intake: 18° BTDC / 46° ABDC Exhaust: 56° BBDC / 14° ATDC	0.178" / .158"
SE-253 Hi Speed HP	25376-03	**	.538" / .538"	240° / 256°	Intake: 7° BTDC / 53° ABDC Exhaust: 59° BBDC / 17° ATDC	0.119" / .158"
SE-257 Midrange TQ	25155-00	**	.569" / .569"	252° / 260°	Intake: 24° BTDC / 48° ABDC Exhaust: 59° BBDC / 21° ATDC	0.213" / .200"
SE-258 Hi Speed HP	25137-00	*	.569" / .569"	258° / 268°	Intake: 26° BTDC / 52° ABDC Exhaust: 65° BBDC / 23° ATDC	0.224" / .208"
SE-260 Hi Speed HP	25122-02	*	.609" / .609"	263° / 269°	Intake: 28° BTDC / 55° ABDC Exhaust: 65° BBDC / 24° ATDC	0.236" / .213"
SE-266E Hi Speed HP	25400029	*	.658" / .658"	262° / 266°	Intake: 24° BTDC / 58° ABDC Exhaust: 69° BBDC / 17° ATDC	0.208" / .178"

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

NOTE: Separate purchase of Cam Spacer Kit P/N 25938-00 is recommended for '99-'06 Touring, '01-'06 Softail® and '04-'05 Dyna® models. These kits contain five different spacers to achieve proper sprocket alignment. Individual spacers can be purchased separately.

78 ENGINE COMPONENTS

Cylinder Heads – Twin Cam

A. SCREAMIN' EAGLE® PRO HURRICANE CNC OVAL PORTED CYLINDER HEADS*

Engineered to maximize the track performance potential of the SE120R race-engine, these Hurricane Cylinder Heads are ready to complete your Race Xtreme conversion. These black-highlighted cylinder heads have been meticulously CNC-machined for efficient air flow and the machined raised oval intake ports allow a straighter shot into the combustion chamber. The heads feature large 2.175" intake and 1.635" exhaust valves that are held in check with a set of Screamin' Eagle® Race Valve Springs with Titanium upper collars that allow use of cams with up to .660" valve lift. All EFI models require ECM calibration (priced separately). **For race application only.**

17799-11 Black Highlighted.

Fits '06-later Twin-Cam engines equipped with Oval Port High-Flow Intake Manifold P/N 27082-10 or 27300035. Does not fit Twin-Cooled™ models.

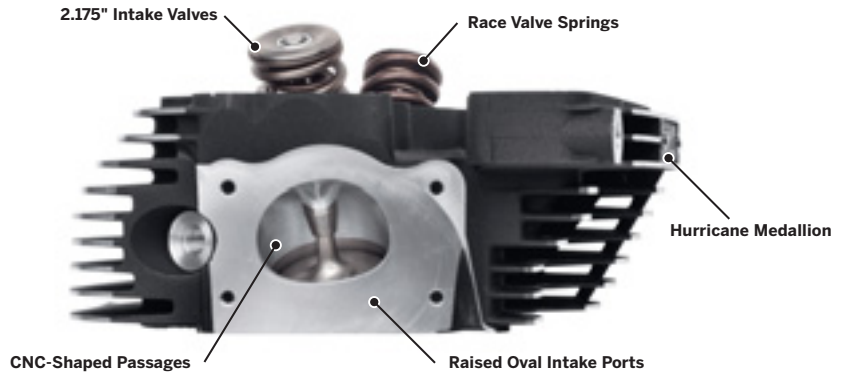
B. SCREAMIN' EAGLE PRO MAXIMUM VELOCITY AREA (MVA) CYLINDER HEADS – CNC PORTED*

The most advanced Twin Cam performance cylinder head design available. Screamin' Eagle CNC Ported Maximum Velocity Area (MVA) cylinder heads create power across the entire RPM range by maximizing velocity through the intake ports. Increased air speed velocity through the ports is achieved by "right sizing" port volume at 98cc, lowering the port roof, and by precision-machining the shape of the port to complement the giant 2.120" intake valves. Screamin' Eagle CNC-Ported MVA Cylinder Heads conquer a unique engineering challenge and provide the highest possible torque and acceleration at any RPM. MVA Heads will boost the punch of a 103" engine. When paired with high lift cams, MVA Heads can give a 110" or 113" motor everything it needs to achieve new levels of performance. Countless hours of dyno testing resulted in a 95cc combustion chamber that performs in perfect balance with the port size and shape and reduced detonation. MVA Heads feature Screamin' Eagle Race Springs that permit the use of high lift cams (up to .660") and are machined to accept automatic compression releases (sold separately) for easier starting. MVA Heads are manufactured and assembled at Harley-Davidson's world class engine factory in Milwaukee, ensuring every set is made to exact tolerances. All EFI Models require ECM calibration (priced separately). **For race applications only.**

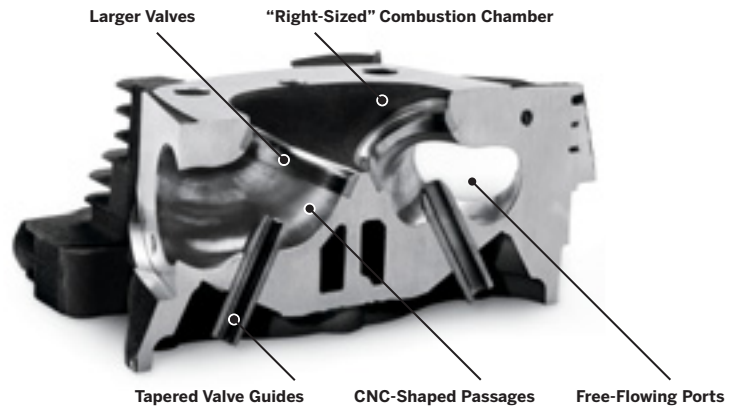
Fits '99-later Twin Cam equipped models (except Twin-Cooled models). '99-'05 models require separate purchase of (2) Intake Seal Flanges P/N 26993-06.

16925-11 Black Highlighted.

16934-11 Silver Highlighted.



A. SCREAMIN' EAGLE PRO HURRICANE CNC OVAL PORTED CYLINDER HEADS – BLACK HIGHLIGHTED

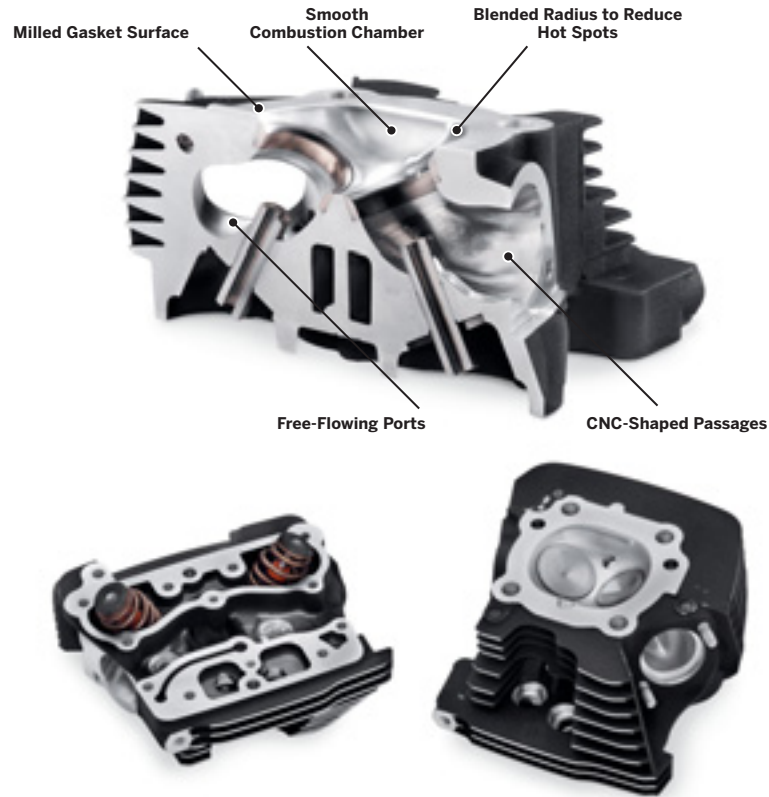


B. SCREAMIN' EAGLE PRO MAXIMUM VELOCITY AREA (MVA) CYLINDER HEADS – CNC PORTED

NOTICE: Screamin' Eagle Adjustable or Perfect Fit Pushrods are required for installation.

*NOTE: See matrix on page 80 for recommended cylinder head/piston combination.

C. SCREAMIN' EAGLE® PRO CNC PORTED FACTORY HEADS WITH VALVE UPGRADE



C. SCREAMIN' EAGLE PRO CNC PORTED FACTORY CYLINDER HEADS WITH VALVE UPGRADE

A cost-effective alternative for upgrading the performance of your bike. The intake and exhaust ports are meticulously machined to smooth the surfaces, enhancing the flow characteristics of air and fuel to provide enhanced performance. But it doesn't stop there; oversized (1.875") stainless steel intake valves and stock (1.575") stainless steel exhaust valves rest in reshaped valve seats that improve flow rates. The combustion chambers have been machined to smooth the surface and feature a blended radius on the bathtub's edge to reduce detonation by eliminating hot spots and promoting improved combustion. The head gasket surface has been milled to maintain stock combustion chamber volume, which results in stock compression when used with Original Equipment pistons. Compression can be increased with the installation of matched Screamin' Eagle® high compression pistons. Heads are assembled with high performance valve springs that support cams with lift up to .585". Heads are machined and threaded to simplify installation of Automatic Compression Release (sold separately). All EFI models require ECM calibration (priced separately). **For race application only.**

16500208 Complete Head Kit. Fits '14-later FLHTCU, FLHTCUL, FLHTK and FLHTKL models equipped with Twin-Cooled™ engines.

16500013A Complete Head Kit. Fits '99-later Twin Cam-equipped models (except Twin-Cooled models). '99-'05 models require separate purchase of (2) Intake Flanges P/N 26993-06.

Also available: CNC PORTING AND VALVE UPGRADE SERVICE FOR FACTORY CYLINDER HEADS

A cost-effective alternative to purchasing complete heads. Your new take-off Original Equipment heads are returned, and are completely re-machined and equipped with updated valves and springs to match the specifications and performance of the Screamin' Eagle Pro CNC Ported Head Kit. Porting service is designed for new heads removed from new bikes with less than 500 miles. This is not a refurbish or core exchange program. The heads that are supplied will be reworked and returned. Valve seats are multi-angle recut on intake and single angle on exhaust. Heads retain stock valve guides and valve guides are not rebuilt or replaced. See your dealer for complete program details. US Dealers Only. **For race application only.**

16500259 Porting Service. Available for '14-later FLHTCU, FLHTCUL, FLHTK and FLHTKL models equipped with Twin-Cooled engines.

16500067 Porting Service. Available for '06-later Twin Cam models (except Twin-Cooled models) or '99-'05 models equipped with '06-later style cylinder heads.

D. SCREAMIN' EAGLE PRO KOMPRESSOR CYLINDER HEADS*

A cost-effective alternative for upgrading the performance over your Original Equipment heads. These heads are designed to provide enhanced performance results by increasing compression and are assembled with high-performance valve springs that support cams up to .585" lift. Heads produce 10.5:1 compression ratio when paired with Original Equipment pistons. Heads are machined for optional Automatic Compression Release (ACR). All EFI models require ECM recalibration (priced separately). **For race application only.**

Fits '99-later Twin Cam equipped models (except Twin-Cooled models). '99-'05 models require separate purchase of (2) Intake Seal Flanges P/N 26993-06. '06-later models reuse Original Equipment Intake Seal Flanges.

17044-08A Black Highlighted.

NOTICE: Screamin' Eagle Adjustable or Perfect Fit Pushrods are required for installation.



D. SCREAMIN' EAGLE PRO KOMPRESSOR CYLINDER HEADS

Screamin' Eagle Cylinder Head Type

Lift (in.)	Hurricane	MVA	CNC Factory	Kompressor/OE
	SCFM	SCFM	SCFM	SCFM
0	0	0	0	0
0.1	60	65	66	61
0.2	134	134	124	121
0.3	202	194	200	174
0.4	265	246	244	192
0.5	313	279	256	197
0.55	328	284	254	199
0.6	336	290	-	-
0.65	345	295	-	-

INTAKE PORT FLOW AS A FUNCTION OF VALVE LIFT

80 ENGINE COMPONENTS

Pistons – Twin Cam

NEW

A. SCREAMIN' EAGLE® PRO HIGH COMPRESSION PISTONS – TWIN-COOLED™ HEADS*

Designed for use with the unique combustion chamber of the Original Equipment or Factory CNC-Ported Heads for Twin-Cooled™ 103CI models, these pistons deliver impressive performance gains. The liquid-cooled exhaust valves reduce the chance of detonation and allow the engine to take advantage of higher compression ratios. Forged from high-strength aluminum, these 11.25 to 1 ratio pistons feature nickel-plated surfaces for enhanced durability and special coated skirting for improved wear-resistance. These pistons include Titanium SST rings to withstand the stresses seen in racing. Complete kit includes pistons, rings, wrist pins and clips. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '14-later FLHTCU, FLHTCUL, FLHTK, FLHTKL and FLHTCUTG models with 103CI Twin-Cooled engines.

27000007 3.875" (Standard Bore).

27000009 3.875" Bore (+0.010 o/s).



A. SCREAMIN' EAGLE PRO HIGH COMPRESSION PISTONS – TWIN-COOLED HEADS

Cylinder Head/Piston Combination Compression Ratio Chart

Displacement	Piston Type	Original Equipment and CNC-Ported Factory Cylinder Heads	Kompressor Heads	CNC Ported MVA	Hurricane Heads
95CI	SE Cast Big Bore Flat-Top Pistons P/N 22851-99A	9.4:1	10:1	N.A.	N.A.
	SE Cast High-Compression Pistons for stock TC 88® heads only P/N 22661-99A	10.25:1	N.A.	N.A.	N.A.
	SE Forged High-Compression Pistons P/N 22868-00A	9.6:1	10.5:1	N.A.	N.A.
96CI	Original Equipment	9.2:1	10.3:1	N.A.	N.A.
103CI	SE Cast Flat-Top Stroker Pistons P/N 21966-07	10:1	10.5:1	N.A.	N.A.
	SE Forged Flat-Top Stroker Pistons P/N 22942-00A	10:1	10.5:1	9:1	N.A.
	SE Forged High-Compression Pistons for stock TC 96™ heads or Kompressor Heads P/N 22144-08B	10.5:1	11:1	N.A.	N.A.
	SE Forged Stroker Pistons for CVO™ 110 or CNC Ported MVA Heads P/N 22137-08B	N.A.	N.A.	10.5:1	N.A.
	SE Forged Race High-Compression Pistons for CVO 110 or CNC Ported MVA Heads P/N 21928-08A	N.A.	N.A.	11.1	N.A.
	SE High Compression Pistons - Twin Cooled P/N 27000007	11.25:1	N.A.	N.A.	N.A.
110CI	Original Equipment (CVO)	9.3:1	N.A.	9.3:1	N.A.
	SE Forged High-Compression Pistons for CVO 110 or CNC Ported MVA Heads P/N 22502-07	N.A.	N.A.	10.5:1	N.A.
113CI	SE Forged High-Compression Pistons for CVO 110 or CNC Ported MVA Heads P/N 22571-07B	N.A.	N.A.	10.5:1	N.A.
	SE Forged Race High-Compression Pistons for CVO 110 or CNC Ported MVA Heads P/N 21915-08A	N.A.	N.A.	11.1	N.A.
120CI	SE Pro Twin Cam Forged Piston Kit for 4-5/8" Stroke P/N 22574-10	N.A.	N.A.	10.5:1	10.5:1
	SE Pro Twin Cam Forged Piston Kit for 4-5/8" Stroke P/N 21900001	N.A.	N.A.	12.1	12:1

"N.A." denotes not applicable – these combinations are not recommended.

Displacement Calculation:

$\pi \times r^2 \times \text{stroke} \times 2 \text{ cylinders}$
Where $\pi = 3.14$, and $r = (\text{bore diameter}/2)$

NOTE: High-Compression Piston applications require installation of appropriate compression release in cylinder heads.



B. SCREAMIN' EAGLE PRO TWIN CAM FORGED 12:1 COMPRESSION PISTON KIT*



C. SCREAMIN' EAGLE PRO TWIN CAM FORGED 11.1:1 COMPRESSION PISTON KIT FOR MVA, 110+ OR ACR PERFORMANCE CYLINDER HEADS – 4.060" AND 3-7/8"



D. SCREAMIN' EAGLE PRO TWIN CAM FORGED 10.5:1 COMPRESSION PISTON KIT FOR MVA, 110+ OR ACR PERFORMANCE CYLINDER HEADS – 4.060" AND 3-7/8"

*NOTE: See matrix on page 80 for recommended cylinder head/piston combinations.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

*NOTICE: Always check piston-to-valve clearance with modified dome pistons and non-stock cam shafts.

NOTE: High-Compression Piston applications require installation of appropriate compression release in cylinder heads.



SCREAMIN' EAGLE PRO TWIN CAM PISTON KITS

B. SCREAMIN' EAGLE® PRO TWIN CAM FORGED 12:1 COMPRESSION PISTON KIT* ❄️❄️

These race-only ultra-high-compression pistons squeeze every bit of power out of the 120R engine. Forged from high-strength aluminum, these 12.0:1 compression pistons feature nickel-plated surfaces for enhanced durability, and a special Teflon® coating for improved wear resistance required in racing applications. These pistons include state-of-the-art Titanium SST rings to withstand the stresses seen in racing. Designed to work with the 4-5/8" Stroker Flywheel only, this complete kit includes pistons, rings, wrist pins and clips. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '06-later Dyna®, '07-later Softail® and Touring models equipped with 4.060" cylinders and 4-5/8" Stroker Flywheels. Does not fit Twin-Cooled™ models.

21900001 4.060" (Standard Bore).

21900002 4.060" (+.010 o/s).

C. SCREAMIN' EAGLE PRO TWIN CAM FORGED 11.1:1 COMPRESSION PISTON KIT FOR MVA, 110+ OR ACR PERFORMANCE CYLINDER HEADS – 4.060" & 3-7/8"* ❄️❄️

These 11.1:1 High-Compression Pistons are forged from light-weight aluminum for maximum strength. The piston top dome is designed to match specifically with the combustion chamber to provide additional performance over other piston designs. Pistons are electroless-nickel coated for increased durability and the piston skirts feature a unique black coating for improved wear-resistance, better fit and reduced noise. Complete kit includes pistons, rings, wrist pins and clips. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '99-later Twin Cam models equipped with 4.060" cylinders and Screamin' Eagle® MVA, 110+ or ACR Performance Cylinder Heads. '99-'06 models also require appropriate Screamin' Eagle 4-3/8" Stroker Flywheel and Rod Assembly. Does not fit Twin-Cooled™ models.

21915-08A 4.060" Standard Bore, SST Rings.

21914-08A 4.060" Bore, +.010 o/s, SST Rings.

Fits '99-later Twin Cam models equipped with 3-7/8" cylinders and Screamin' Eagle MVA, 110+ or ACR Performance Cylinder Heads. '99-'06 models also require appropriate Screamin' Eagle 4-3/8" Stroker Flywheel and Rod Assembly. Does not fit Twin-Cooled models.

21928-08A 3-7/8" Standard Bore.

21916-08A 3-7/8" Bore, +.010 o/s, SST Rings.

D. SCREAMIN' EAGLE PRO TWIN CAM FORGED 10.5:1 COMPRESSION PISTON KIT FOR MVA, 110+ OR ACR PERFORMANCE CYLINDER HEADS – 4.060" & 3-7/8"* ❄️❄️

Made from high-strength forged aluminum, these high-compression big bore pistons are designed to match the combustion chamber of the Screamin' Eagle Pro MVA, 110+ and ACR Performance Cylinder Heads. The resulting compression ratio of 10.5:1 provides maximum power from this combination. Piston skirts feature a unique black coating for improved wear-resistance, better fit and reduced noise. Complete kit includes pistons, rings, wrist pins and clips. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '99-later Twin Cam models equipped with 4.060" cylinders and Screamin' Eagle MVA, 110+ or ACR Performance Cylinder Heads. '99-'06 models also require appropriate Screamin' Eagle 4-3/8" Stroker Flywheel and Rod Assembly. Does not fit Twin-Cooled models.

22571-07B 4.060" Standard Bore, SST Rings.

22575-07B 4.060" Bore, +.010 o/s, SST Rings.

Fits '99-later Twin Cam models equipped with 3-7/8" cylinders and Screamin' Eagle MVA, 110+ or ACR Performance Cylinder Heads. '99-'06 models also require appropriate Screamin' Eagle 4-3/8" Stroker Flywheel and Rod Assembly. Does not fit Twin-Cooled models.

22137-08B 3-7/8" Standard Bore, SST Rings.

22141-08B 3-7/8" Bore, +.010 o/s, SST Rings.

Fits '99-'06 Twin Cam models equipped with Original Equipment 4.0" stroke flywheel and rods, 3-7/8" cylinders and Screamin' Eagle MVA, 110+ or ACR Performance Cylinder Heads.

22123-08A 3-7/8" Standard Bore, SST Rings.

22109-08A 3-7/8" Bore, +.010 o/s.

82 ENGINE COMPONENTS

Pistons – Twin Cam

- A. SCREAMIN' EAGLE® PRO TWIN CAM FORGED HIGH-COMPRESSION PISTONS FOR MVA, CVO 110, ACR PERFORMANCE OR 110+ CYLINDER HEADS – 4.000"**
Bump torque and horsepower on your 110" Twin Cam power train with the addition of high-compression pistons. Developed for the 110" Race Kit, these pistons increase the compression ratio to 10.5:1. Forged from high-strength aluminum, the pistons are precision-machined, and feature coated skirts for a tight-tolerance fit and quieter operation. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '07-later Twin Cam models equipped with 4.000" cylinders and Screamin' Eagle® MVA, CVO™ 110, ACR Performance or 110+ Cylinder heads. Does not fit Twin-Cooled™ models.

22502-07A 4.000" Standard Bore.

22503-07A 4.000" Bore, +.010 o/s.

- B. SCREAMIN' EAGLE PRO TWIN CAM FORGED PISTON KIT FOR 4-5/8" STROKE – 4.060"** ❄️❄️

Forged from high-strength aluminum, these 10.5 to 1 ratio pistons feature nickel-plated surfaces for enhanced durability and a special Teflon® coating for improved wear-resistance required for racing applications. These pistons include Titanium SST rings to withstand the stresses seen in racing. Complete kit includes pistons, rings, wrist pins and clips. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '06-later Dyna®, '07-later Softail® and '07-later Touring models equipped with 4.060 cylinders, 4-5/8" Flywheel and Rod assembly, 110+ Cylinder Heads, MVA Cylinder Heads or ACR Performance Cylinder Heads. Does not fit Twin-Cooled models.

22574-10 4.060" Standard Bore.

22576-10 4.060" Bore, +.010 o/s.

- C. SCREAMIN' EAGLE PRO TWIN CAM FORGED FLAT-TOP STROKER PISTONS – 3-7/8"** ❄️❄️

Designed for use with 4-3/8" stroke engines, these 3-7/8" forged pistons can be combined with different heads depending on your horsepower and torque requirements. Kit includes pistons, rings, pins and clips. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '99-later Twin Cam models equipped with 3-7/8" cylinders. '99-'06 models also require Screamin' Eagle 4-3/8" Stroker Flywheel and Rod Assembly. Does not fit Twin-Cooled models.

22942-00A 3-7/8" Standard Bore.

22944-00A 3-7/8" Bore, +.010" o/s.

- D. SCREAMIN' EAGLE PRO TWIN CAM HIGH-COMPRESSION FORGED PISTONS FOR STOCK CYLINDER HEADS – 3-7/8"** ❄️❄️

When combined with stock cylinder heads and 4-3/8" stroke flywheels, these forged 3-7/8" pistons boost the compression ratio of your 3-7/8" big bore cylinder set-up. The combination results in a compression ratio of 10.5:1. Piston skirts feature a unique black coating for improved wear-resistance, better fit and reduced noise. These pistons include Titanium SST rings to withstand the stresses seen in racing. Complete kit includes pistons, rings, wrist pins and clips. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '07-later Twin Cam models equipped with 3-7/8" cylinders and 4-3/8" stroke flywheels. Does not fit Twin-Cooled models.

22144-08B 3-7/8" Standard Bore.

22143-08B 3-7/8" Bore, +.010 o/s.



A. SCREAMIN' EAGLE PRO TWIN CAM FORGED HIGH-COMPRESSION PISTONS FOR MVA, CVO 110, ACR PERFORMANCE OR 110+ CYLINDER HEADS – 4.000"



B. SCREAMIN' EAGLE PRO TWIN CAM FORGED PISTON KIT FOR 4-5/8" STROKE – 4.060"



C. SCREAMIN' EAGLE PRO TWIN CAM FORGED FLAT-TOP STROKER PISTONS – 3-7/8"



D. SCREAMIN' EAGLE PRO TWIN CAM HIGH-COMPRESSION FORGED PISTONS FOR STOCK CYLINDER HEADS – 3-7/8"

NOTE: High-Compression Piston applications require installation of appropriate compression release in cylinder heads.

*NOTE: See matrix on page 80 for recommended cylinder head/piston combinations.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

*NOTICE: Always check piston-to-valve clearance with modified dome pistons and non-stock cam shafts.



SCREAMIN' EAGLE PRO TWIN CAM PISTON KITS



E. SCREAMIN' EAGLE PRO TWIN CAM CAST FLAT-TOP STROKER PISTONS – 3-7/8"

E. SCREAMIN' EAGLE® PRO TWIN CAM CAST FLAT TOP STROKER PISTONS – 3-7/8"*

Flat-Top Cast Pistons are designed for use with 3-7/8" cylinders. Kit includes rings, clips and pins. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '07-later Twin Cam models equipped with 3-7/8" cylinders.

21966-07 3-7/8" Standard Bore.

21968-07 3-7/8" Bore, +.010 o/s.



F. SCREAMIN' EAGLE PRO TWIN CAM HIGH-COMPRESSION FORGED PISTON KITS – 3-7/8"

F. SCREAMIN' EAGLE PRO TWIN CAM HIGH-COMPRESSION FORGED PISTON KITS* – 3-7/8"

These pistons have been designed to be used with our Twin Cam Performance Heads and can also be used with stock cylinder heads. These pistons are forged for higher RPM capability than cast pistons and come complete with rings, wrist pins and clips. These pistons cannot be used in Stroker applications. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '99-'06 Twin Cam 1550 models equipped with 3-7/8" cylinders with 4 inch flywheel stroke.

22868-00A 3-7/8" Standard Bore.

22870-00A 3-7/8" Bore, +.010" o/s.



G. SCREAMIN' EAGLE PRO TWIN CAM HIGH-COMPRESSION CAST PISTON KITS – 3-7/8"

G. SCREAMIN' EAGLE PRO TWIN CAM HIGH-COMPRESSION CAST PISTON KITS* – 3-7/8"

These high-compression 10.25:1 cast pistons are designed for use in a Twin Cam engine equipped with stock cylinder heads and 3-7/8" cylinders (1550). Piston kit includes rings, clips and pins. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '99-'06 Twin Cam 1550 models equipped with 3-7/8" cylinders.

22661-99A 3-7/8" Standard Bore.

22179-99A 3-7/8" Bore, +.010" o/s.

NOTICE: Cast pistons should not be used when engine speed is expected to exceed 6200RPM. Failure to comply may result in engine damage.



H. SCREAMIN' EAGLE PRO TWIN CAM BIG BORE FLAT-TOP CAST PISTON KITS – 3-7/8"

H. SCREAMIN' EAGLE PRO TWIN CAM BIG BORE FLAT-TOP CAST PISTON KITS* – 3-7/8"

These Flat-Top Cast Pistons are designed for use with 3-7/8" Big Bore performance cylinders (1550). Kit includes rings, clips and pins. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '99-'06 Twin Cam 1550 models equipped with 3-7/8" cylinders.

22851-99A 3-7/8" Standard Bore.

22853-99A 3-7/8" Bore, +.010" o/s.

NOTICE: Cast pistons should not be used when engine speed is expected to exceed 6200RPM. Failure to comply may result in engine damage.

NOTE: High-Compression Piston applications require installation of appropriate compression release in cylinder heads.



*NOTE: See matrix on page 80 for recommended cylinder head/piston combinations.

*Recalibration is required for proper installation. See Dealer for details. Labor cost not included.

*NOTICE: Always check piston-to-valve clearance with modified dome pistons and non-stock cam shafts.

84 ENGINE COMPONENTS

Compression Release – Twin Cam

A. SCREAMIN' EAGLE® AUTOMATIC COMPRESSION RELEASE



Automatic Compression Release (ACR) valves reduce the strain of starting your high performance motor by reducing cylinder compression – automatically! The engine is easier to turn over, resulting in less wear on your starter and battery. After start, the ACR valves close to restore full compression. ACR gives you peace of mind and protects your investment. ACR can be installed on stock or Screamin' Eagle® Performance cylinder heads for all '07-later Twin Cam-equipped models. Installation requires machining to be performed by a competent machinist using the Screamin' Eagle Automatic Compression Release Fixture Kit P/N 94648-08 (sold separately). Installation requires separate purchase of model-specific ACR Wiring Harness.

28861-07A

Fits '07-later Twin Cam-equipped models. Can be used with Original Equipment or Screamin' Eagle Cylinder Heads. (each)

B. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE WIRING HARNESS



70623-06

Fits '07-'11 Dyna®, '07-'10 Softtail® and '07 Touring models equipped with Automatic Compression Release Cylinder Heads.

70623-08

Fits '08-'11 Touring models equipped with Automatic Compression Release Cylinder Heads.

70623-11

Fits '11 Softtail models equipped with Automatic Compression Release Heads.

C. SCREAMIN' EAGLE PRO MECHANICAL COMPRESSION RELEASE



These compression releases may be used to ease starting on high-compression engines, especially Stroker flywheel-equipped models. Releases are activated by pushing on the top before starting, which reduces cranking pressure, and allows the engine to spin over easier. After the engine starts they automatically close to restore full compression. Installation of these compression releases may require machining of the cylinder head. This operation should only be performed by a competent machinist or by using Mechanical Compression Release Machining Fixture P/N 94638-08. Sold in pairs. **For race application only.**

32076-04

Fits all Screamin' Eagle Twin Cam Cylinder Heads (except heads equipped with Automatic Compression Release).



A. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE



B. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE WIRING HARNESS



C. SCREAMIN' EAGLE PRO MECHANICAL COMPRESSION RELEASE

D. SCREAMIN' EAGLE® PRO 4.060" BIGGER-BORE CYLINDER KIT



4" Black Highlighted

4.060" Black Highlighted



D. SCREAMIN' EAGLE PRO 4" AND 4.060" BIGGER-BORE CYLINDER KIT

Also available:

SCREAMIN' EAGLE 4" BIG-BORE CYLINDER KIT



This kit increases the displacement of the Twin Cam engine to 110 cubic inches (1800cc) (Twin Cam 88 engines also require Screamin' Eagle Pro Stroker and Flywheel Assembly). Cylinders are factory honed to accept 4.00" pistons. Installation requires crankcase machining by a qualified machinist. Dealer installation is recommended. Kit includes front and rear cylinders. All EFI models require ECM calibration (priced separately).

Fits '99-later Twin Cam-equipped models. Stock on CVO Twin-Cooled™ models. Cannot be installed on 110CI CVO™ models, or any Twin Cam model previously upgraded to a 110CI motor. Requires crankcase modifications or separate purchase of SE Pro Crankcase P/N 24601-10 or 24400001.

16550-04C Black Highlighted. (pair)

E. SCREAMIN' EAGLE 3-7/8" BIG-BORE CYLINDER KIT



Black Highlighted

Black Non-Highlighted



E. SCREAMIN' EAGLE 3-7/8" BIG-BORE CYLINDER KIT

Bigger is better. This kit increases displacement of the Twin Cam 88 (1450) to 95 cubic inches (1550) or 103 cubic inches (1690) when used with Screamin' Eagle Stroker Flywheel and Rod Assembly. Also can be used with Twin Cam 96™ (1584) models to produce 103 cubic inches (1690) with stock flywheels. These cylinders require no crankcase machining and are finished honed for standard size 3-7/8" pistons. Use with flat-top, high-compression or Stroker pistons. All EFI models require ECM calibration (priced separately).

Fits '99-later Twin Cam-equipped models.

16500045A Black Non-Highlighted. (pair)

16546-99A Black Highlighted. (pair)

16549-99A Silver Highlighted. (pair)

F. SCREAMIN' EAGLE BIG BORE HIGH-PERFORMANCE HEAD GASKET KIT



This multi-layered head gasket provides improved sealing for 3-7/8" Big Bore high-performance engines. Sold in pairs. For engines with compression ratios above 10.0:1, Screamin' Eagle High Tensile Cylinder Studs P/N 16505-01 are required.

16101-01

Fits '99-later Big Bore Twin Cam-equipped models. Does not fit Twin-Cooled models.

G. SCREAMIN' EAGLE "HIGH TENSILE" CYLINDER STUD KIT



This 8-piece High Tensile Cylinder Stud Kit is a must for the serious engine builder. The studs feature a unique thread design and enhanced material properties to withstand the forces of a high-compression engine.

16505-01

Fits '99-later Twin Cam-equipped models.

16503-01

Fits '84-'99 Evolution® 1340-equipped models.

17004-01

Fits '86-later XL models. For XL1200 models with compression ratio over 10:1, use with High-Performance Head Gasket Kit P/N 17056-01.



F. SCREAMIN' EAGLE BIG-BORE HIGH-PERFORMANCE HEAD GASKET KIT



G. SCREAMIN' EAGLE "HIGH TENSILE" CYLINDER STUD KIT

86 ENGINE COMPONENTS

Flywheels – Twin Cam

A. SCREAMIN' EAGLE® PRO STROKER FLYWHEEL AND ROD ASSEMBLY – 4-3/8"

These Stroker flywheels provide 103 or 113 cubic inches of raw power for your Twin Cam engine, by increasing your stock stroke from 4.0" to 4-3/8" and adding the appropriate pistons and cylinders. The flywheels and rods are made from high-strength forgings. The assembly makes use of the Original Equipment (straight press) crankpin and bearings, which mean you get proven durability. Stroker installation requires Big Bore Stroker Pistons and Big Bore Cylinders. All EFI models require ECM calibration (priced separately).

For race application only.

23703-02A 4-3/8" Stroke.
Fits '00-'06 Softail® models. '03-'06 models require the installation of Bearing Assembly P/N 24004-03B. (shown)

23600-00A 4-3/8" Stroke.
Fits '99-'06 Touring and '99-'05 Dyna® models. '03-'06 models require the installation of Bearing Assembly P/N 24004-03B. (shown)

23601-05A 4-3/8" Stroke.
Fits '06-later Dyna and '07-later Touring models. Works with Piston Kits P/N 21915-08A, 21914-08A, 21928-08A, 21916-08A, 22571-07A, 22575-07A, 22137-08A, 22141-08A, 22942-00, 22944-00, 22144-08A, 22143-08A. '03-'06 models require installation of Bearing Assembly P/N 24004-03B.

SCREAMIN' EAGLE® PRO STROKER FLYWHEEL AND ROD ASSEMBLY – 4-5/8"

The flywheels and rods are manufactured from high strength forgings, fully-machined to their final shape and balanced for smooth operation. All EFI models require ECM calibration (priced separately). **For race application only.**

24100004A 4-5/8" Stroke.
Fits '07-later Softail models. '07-'11 Softail models (except FXCW and FXCWC) require separate purchase of Screamin' Eagle® Big Twin Compensator P/N 40274-08A.

23893-10A 4-5/8" Stroke.
Fits '06-later Dyna and '07-later Touring models. '06-'11 Dyna and '07-'10 Touring models require separate purchase of Screamin' Eagle Big Twin Compensator P/N 40274-08A. '03-'06 models require the installation of Bearing Assembly P/N 24004-03B. Does not fit Twin-Cooled™ models.

24100007 4-5/8" Stroke.
Fits '99-'06 Touring and '99-'05 Dyna models. '03-'06 models require the installation of Bearing Assembly P/N 24004-03B.

24100011 4-5/8" Stroke.
Fits '00-'06 Softail models. '03-'06 models require the installation of Bearing Assembly P/N 24004-03B.

B. SCREAMIN' EAGLE® PRO STROKER FLYWHEEL AND ROD ASSEMBLY – 4-3/8"

This 4-3/8" stroker flywheel assembly can be combined with 3-7/8" cylinders and pistons to produce 1690cc (103") displacement, 4.00" cylinders and pistons for 1800cc (110") or with 4.060" cylinders and pistons for 1856cc (113") displacement. All EFI models require ECM calibration (priced separately). **For race application only.**

23728-07A 4-3/8" Stroke.
Fits '99-'06 Touring and '99-'05 Dyna models.

23727-07A 4-3/8" Stroke.
Fits '00-'06 Softail models.

23729-07B 4-3/8" Stroke.
Fits '06 Dyna models. Stock on '07-later Dyna and Touring Twin Cam 96™ models.



A. SCREAMIN' EAGLE PRO STROKER FLYWHEEL AND ROD ASSEMBLY



B. SCREAMIN' EAGLE PRO STROKER FLYWHEEL AND ROD ASSEMBLY



C. SCREAMIN' EAGLE PRO CRANKCASE SET – ALPHA



C. SCREAMIN' EAGLE PRO CRANKCASE SET – BETA

C. SCREAMIN' EAGLE® PRO CRANKCASE SET



These Screamin' Eagle® Twin Cam crankcases are precisely machined with the larger cylinder bores required to accept 4.060" cylinders and can be used to build 113CI and 120CI motors. The Crankcase is pre-assembled with Screamin' Eagle Piston Oil Jets designed to accommodate a 4-3/8" or 4-5/8" Stroker Crank Assembly and features factory-installed high-capacity Lefty main bearing, right side bearing and Screamin' Eagle high-performance cam bearings. Includes Manufacturers Statement of Origin (MSO-Domestic only).

For race application only.

24601-10B

Fits '06-later Dyna® and '07-later Touring models. Does not fit Twin-Cooled™ models.

24400001A

Fits '07-later Softail® models.

24400031

Fits '99-'05 Dyna and '99-'06 Touring models.

24400033

Fits '00-'06 Softail models.

D. CRATE ENGINE 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 pre-assembled 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 number and include MSO (Manufacturers Statement of Origin). The MSO is for Domestic only. Kits ship directly from the factory within 3-5 days.

16200070 Black 96CI/103CI.

Fits '07-later Dyna and Touring models (except CVO™).

16200071 Black 96CI/103CI.

Fits '07-later Softail models (except CVO).

E. SCREAMIN' EAGLE PISTON OIL JET ASSEMBLY



This unique oil jet is designed to provide additional piston skirt clearance when used with flywheels featuring a stroke longer than the 4-3/8" Original Equipment configuration. This oil jet will provide appropriate clearance for flywheels with stroke up to 4-5/8" when used with Screamin' Eagle pistons. Two required.

22315-06A

Fits '99-later Dyna, '00-later Softail and '99-later Touring models.



D. CRATE ENGINE SHORTBLOCK ASSEMBLY – BLACK 96CI/103CI



E. SCREAMIN' EAGLE PISTON OIL JET ASSEMBLY

88 ENGINE COMPONENTS

Cam Plate & Oil Pump – Twin Cam

A. 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 high-operating 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.

Also available:

SCREAMIN' EAGLE CAM CHAIN TENSIONER SPACER KIT

Specifically designed for Hydraulic Cam Chain Tensioner Upgrade Kit P/N 25284-11. Kit includes an assortment of six different spacers. Spacers are required to space the cam sprocket to correct alignment with the mating pinion chain sprocket.

25285-08

Required for installation of Screamin' Eagle Hydraulic Cam Chain Tensioner Upgrade Kit P/N 25284-11.

B. SCREAMIN' EAGLE BILLET CAM SUPPORT PLATE 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 superior strength, rigidity and durability. CNC-precision machining ensures precise dimensions and constant material thickness 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 high-flow 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-later Original Equipment oil pump.

25282-11

Fits '06-later Dyna and '07-later Softail and Touring models. Installation requires separate purchase of 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-later Dyna and '07-later Softail and Touring models.



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



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



HIGH VOLUME OIL PUMP COMPARISON



C. SCREAMIN' EAGLE HIGH-PERFORMANCE INNER CAM BEARINGS

D. SCREAMIN' EAGLE® HIGH CAPACITY OIL PAN

Keep your engine running cooler with by increasing your Touring bike's oil capacity. A great addition to a high-performance motor or for the rider that tours in extreme temperature conditions, the Screamin' Eagle® cast-aluminum oil pan is designed to increase the oil capacity by 1.5 quarts over the Original Equipment pan. Increased capacity means the oil cycles through the engine less frequently and the oil can remain in the pan for a longer period of time. The cast-in internal baffles manage the flow to the oil pickup and keep the hot oil exposed to the heat-conducting ribbed aluminum sump. Kit includes cast aluminum oil pan and pan gasket.

24400099

Fits '09-later Touring models. Does not fit with Oil Temperature Gauge – Fairing Mount P/N 70900284, 70900283, 70900176 and 70900193.

E. SCREAMIN' EAGLE LEFTY BEARING

When high-performance engine modifications are made, the increased torque is transferred via the crankshaft to the drive system, putting a significantly higher load on the bearing. The Lefty Bearing is case hardened on the inner and outer race to provide increased load capacity and enhanced durability in high-torque applications. The bearing is installed in the left side of the crank case and supports the output shaft to the primary drive system.

24004-03B

Fits '03-later Twin Cam-equipped models.

F. SCREAMIN' EAGLE TIMKEN® BEARING SLEEVE

Convert a 2003-later Twin Cam model with a factory-installed roller bearing to a Timken® tapered bearing. When used with Screamin' Eagle Timken Bearing Tool P/N 34823-08 (sold separately), the Bearing Sleeve can be installed without precision machining. Sleeve accepts press-in Timken bearing (sold separately).

34822-08

Fits '03-later Twin Cam-equipped models. Installation requires separate purchase of model-specific Sprocket Spacer. '03-'05 Dyna® use P/N 24038-99A, '03-'06 Softail® use P/N 24039-01A, '03-'06 Touring use P/N 24008-99 and '06-later Dyna and '07-later Softail and Touring models use P/N 11887. Requires separate purchase of Tapered Roller Bearing Set P/N 9028.



D. SCREAMIN' EAGLE HIGH CAPACITY OIL PAN



E. SCREAMIN' EAGLE LEFTY BEARING



F. SCREAMIN' EAGLE TIMKEN BEARING SLEEVE

90 ENGINE COMPONENTS

Cams – Evolution® 1340

A. SCREAMIN' EAGLE® PRO EVOLUTION® 1340 CAMSHAFTS

Fits '84-'99 carbureted Evolution® 1340-equipped models. Some cams may also be used on EFI Evolution 1340-equipped models in conjunction with an approved ECM calibration. See your Dealer for details.

SE-3 CAM

Bolt-in cam for heavy bikes that comes in the Screamin' Eagle® EFI Stage II kits. Strong low and midrange torque that works best from 3000-5000 RPM. Street-legal in Stage II Evolution EFI kits only. **For race application only.**

25422-97

SE-4 CAM

Unique advanced profile design provides exceptional bolt-in power for heavy bikes. Broad torque band from 3000-5500 RPM. **For race application only.**

25752-97

SE-11 CAM

This is the next generation SE-1 bolt-in cam for lighter bikes. Advanced profile design creates power from 3500-6000 RPM. This is an awesome horsepower cam in a bolt-in disguise. Unless specified, not for use on EFI models. **For race application only.**

25753-97

SE-57 CAM*

Outstanding cam utilizing an advanced profile design. When combined with Screamin' Eagle carb/intake/air cleaner/mufflers/high-compression pistons and Screamin' Eagle heads, this cam produces a broad torque curve from 3000-5500 RPM with a peak horsepower of an astounding 95 at 6200 RPM. This cam requires compression increases for optimum performance. **For race application only.**

25754-97

Also available: (not shown): SCREAMIN' EAGLE EVOLUTION 1340 INNER CAM BEARING

Adding a high-performance Inner Cam Bearing is a smart upgrade when installing high-lift cams in a race bike. This bearing provides increased load capacity and extends the engine life in extreme racing conditions. Kit includes single cam bearing.

9058A Fits Evolution 1340 models.



A. SCREAMIN' EAGLE PRO EVOLUTION 1340 CAMSHAFTS

SCREAMIN' EAGLE PRO EVOLUTION 1340 CAMSHAFT SPECS

Description	Part Number	Lift @ Valve Intake/Exhaust	Duration @.053 Intake/Exhaust	Timing @.053 Lift Open/Close	TDC Lift @ Valve Intake/Exhaust
SE-3	25422-97	.503"/.503"	236°/240°	Intake: 20° BTDC/36° ABDC Exhaust: 44° BBDC/16° ATDC	0.185"/.169"
SE-4	25752-97	.505"/.505"	235°/240°	Intake: 20° BTDC/36° ABDC Exhaust: 46° BBDC/14° ATDC	0.189"/.151"
SE-11	25753-97	.508"/.508"	246°/249°	Intake: 19° BTDC/47° ABDC Exhaust: 55° BBDC/14° ATDC	0.181"/.153"
SE-57	25754-97	.575"/.575"	252°/256°	Intake: 22° BTDC/50° ABDC Exhaust: 56° BBDC/20° ATDC	0.202"/.186"

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

***NOTE:** 1340 Cams over .510" lift may require case and/or tappet guide machining for cam lobe clearance. '84-'85 model's pistons may need to be fly-cut to obtain proper clearance. Please refer to instruction sheets and service manuals for more detail.



B. SCREAMIN' EAGLE EVOLUTION 1340 CYLINDER HEADS

B. SCREAMIN' EAGLE® EVOLUTION® 1340 CYLINDER HEADS

Built at the factory for unparalleled quality. The redesigned combustion chamber, optimized for flow and efficiency, works with stock or High-Compression Forged Piston Kits. Heads come with larger than stock 1.898" intake valves and 1.623" exhaust valves. Valve Spring Kit P/N 18209-06 is used and can accommodate .585" valve lift. At 72cc, this equates to a 9.5:1 compression ratio with stock pistons. Use of 12mm spark plugs required. Use of Screamin' Eagle® Spark Plugs P/N 32320-91 when flat-top pistons are used or P/N 32321-91 with high-compression pistons is recommended. 50-state street-legal for '93-'99 models when used with Original Equipment pistons, air cleaner, cam, exhaust and ignition. '84-'92 models require Threaded Cylinder Head Inserts P/N 29304-92.

16854-98A Black Highlighted.

Fits '84-'99 carbureted Evolution® 1340-equipped models. May also be used on '95-'99 EFI Evolution 1340-equipped models in conjunction with an approved ECM calibration. See your Dealer for details.

NOTICE: Screamin' Eagle Adjustable Pushrods are required for installation. Failure to comply may result in engine damage.

C. SCREAMIN' EAGLE PRO HIGH-COMPRESSION FORGED PISTON KITS FOR SE EVOLUTION 1340 HEAD-EQUIPPED MODELS*

These 10.5:1 forged pistons, when used with Screamin' Eagle 1340 Cylinder Heads, are designed to produce high-compression ratios for full race applications. Kits include pins, clips and rings. **For race application only.**

22767-98 +.010" o/s.

For use only with Screamin' Eagle Performance Cylinder Heads '84-'99 Evolution 1340-equipped carbureted models. (Not for use with stock Evolution 1340 Cylinder Heads.)

D. SCREAMIN' EAGLE PRO EVOLUTION 1340 HIGH-COMPRESSION CAST PISTON KITS*

These high-compression 10.0:1 cast pistons are designed for use with stock Evolution 1340 Cylinder Heads. These are the value option for increased compression in the 1340 engine with stock heads. Kits include pins, clips and rings. **For race application only.**

22193-98 +.010" o/s.

Fits '84-'99 Evolution 1340-equipped engines with stock cylinder heads.

E. SCREAMIN' EAGLE HIGH-PERFORMANCE TOP-END GASKET KIT

Rebuild your top-end for performance and improved reliability. This kit features specially designed multi-layered steel head gaskets and includes all the additional Original Equipment gaskets required to do the job. Kit can be used for all stock compression engines or can be used on Evolution 1340 high-compression applications when installed with the "High Tensile" Evolution Cylinder Stud Kit (P/N 16503-01).

17046-98

Fits '84-'99 Evolution 1340-equipped models.

F. SCREAMIN' EAGLE HIGH-PERFORMANCE HEAD GASKET KIT

This kit contains a pair of specially designed laminated steel head gaskets for improved sealing in higher-performance engines. Can be used on stock compression engines or on Evolution 1340 high-compression applications (over 10:1) when installed with "High Tensile" Evolution Cylinder Stud Kit (P/N 16503-01 or 17004-01).

17056-01

Fits Evolution 1340-equipped models and XL1200 models.

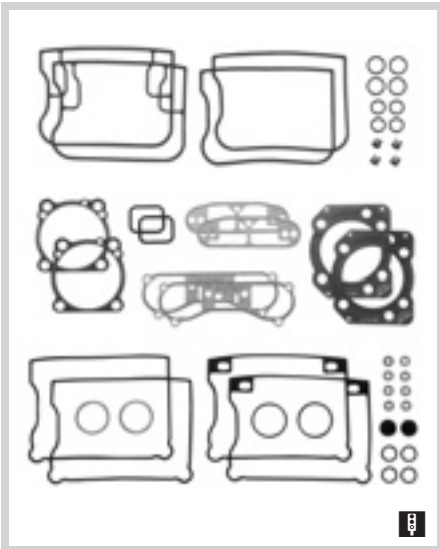
***NOTICE:** Screamin' Eagle pistons are not designed for use with milled heads. Evolution 1340 cast pistons should not be used when engine speed is expected to exceed 6000 RPM. Failure to comply may cause engine damage.



C. SCREAMIN' EAGLE PRO HIGH-COMPRESSION FORGED PISTON KITS FOR SE EVOLUTION 1340 HEAD-EQUIPPED MODELS



D. SCREAMIN' EAGLE PRO EVOLUTION 1340 HIGH-COMPRESSION CAST PISTON KITS



E. SCREAMIN' EAGLE HIGH-PERFORMANCE TOP-END GASKET KIT



F. SCREAMIN' EAGLE HIGH-PERFORMANCE HEAD GASKET KIT

92 ENGINE COMPONENTS

Cams & Cylinders – Sportster®

A. SPORTSTER® XL1200CC CYLINDERS

Except for relieving the combustion chamber on stock 883 cylinder heads, for correct compression ratio, these cylinders make the conversion to 1200cc a bolt-on operation. No cylinder head machining required when used with Screamin' Eagle® Cylinder Heads or 883/1200 Conversion Piston Kit. (Cylinders are sold separately. Two are required for the conversion.) All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '04-later XL883 when upgraded with XL1200 pistons.

16954-02A Silver.

Fits '86-'03 XL883/1100 when upgraded with XL1200 pistons.

16871-99Y Black, Non-Highlighted.

16554-92A Silver.

B. SCREAMIN' EAGLE® PRO SPORTSTER® HIGH-OUTPUT CAM KIT

Achieve solid horsepower gains at high RPM. This High-Output Cam Kit is designed to work with compression ratios up to 11.3:1 when used with Screamin' Eagle Performance Cylinder Heads P/N 16677-05 and High-Compression Piston Kit P/N 22711-04A. Rev limit: 7000 RPM. All EFI models require ECM calibration (priced separately). **For race application only.**

25740-05

Fits '04-later XL1200 models. Will also fit '92-'03 XL1200 models equipped with Screamin' Eagle Sportster® Performance Cylinder Heads P/N 16677-05. '92-'99 models will require additional purchase of Pinion Gear P/N 24047-00.

Also available:

SCREAMIN' EAGLE PRO XL PERFORMANCE CAMS

This high-performance cam features bolt-in installation with increased lift and duration over the stock cams. This cam is best suited for high horsepower and high RPM applications, and the .551" lift improves peak horsepower above 4,500 RPM. All EFI models require ECM calibration (priced separately). **For race application only.**

25197-04

Fits '04-later XL1200 models. Will also fit '92-'03 XL1200 models equipped with Screamin' Eagle Sportster Performance Cylinder Heads P/N 16677-05. '92-'99 models will require additional purchase of Pinion Gear P/N 24047-00.

SCREAMIN' EAGLE PRO XL BOLT-IN HYDRAULIC CAMS

Designed and engineered specifically for use with stock production hydraulic lifters, springs and pushrods. Camshaft profiles offer longer duration on both intake and exhaust for greater peak torque and improved horsepower from 2500-6000 RPM. Bolt-in installation. **For race application only.**

25648-01 Fits '00-'03 XL models.

25648-91 Fits '91-'99 XL models.

SCREAMIN' EAGLE PRO HIGH-PERFORMANCE XL CAMS

Engineered for use with hydraulic lifters, providing increased horsepower and torque, quick-revving responsiveness and a broad power band from 2000-6500 RPM. Offers higher lift and longer duration than bolt-in Cams (P/N 25628-89). Some engine machining may be required for proper fitment. See instruction sheets for details. **For race application only.**

25649-01A Fits '00-later XL models.



A. SPORTSTER XL1200CC CYLINDERS



B. SCREAMIN' EAGLE PRO SPORTSTER HIGH OUTPUT CAM KIT

SCREAMIN' EAGLE PRO XL CAMSHAFT SPECS

Description	Part Number	Lift @ Valve Intake/Exhaust	Duration @.053 Intake/Exhaust	Timing @.053 Lift Open/Close	TDC Lift @ Valve Int/Exh
Stock	'07-'09 XL models	.480"/.481"	215°/230°	Intake: 10° BTDC/25° ABDC Exhaust: 38° BBDC/12° ATDC	.133"/.138"
High Output '04-later	25740-05	.575"/.575"	260°/266°	Intake: 28° BTDC/52° ABDC Exhaust: 57° BBDC/29° ATDC	.228"/.221"
Performance '04-later	25197-04	.551"/.551"	249°/249°	Intake: 25° BTDC/44° ABDC Exhaust: 59° BBDC/10° ATDC	.197"/.122"
Bolt-In (5 speed) '91-'99	25648-91	.497"/.497"	256°/256°	Intake: 28° BTDC/48° ABDC Exhaust: 52° BBDC/24° ATDC	.211"/.191"
Bolt-In (5 speed) '00-'03	25648-01	.497"/.497"	256°/256°	Intake: 28° BTDC/48° ABDC Exhaust: 52° BBDC/24° ATDC	.211"/.191"
High-Performance (5 speed) '00-later	25649-01A	.536"/.536"	256°/266°	Intake: 26° BTDC/50° ABDC Exhaust: 55° BBDC/30° ATDC	.209"/.236"

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 PRO CNC PORTED FACTORY CYLINDER HEADS – SPORTSTER

C. SCREAMIN' EAGLE® PRO CNC PORTED FACTORY CYLINDER HEADS – SPORTSTER®

CNC Ported Heads offer a cost-effective approach to upgrading the performance of your motorcycle. The intake and exhaust ports are meticulously machined for smooth surfaces, improving the flow characteristics of air and fuel in order to provide enhanced performance. But it doesn't end there; the proven stock valves rest in reshaped valve seats to further improve flow rates. The combustion chambers have been machined for smooth surfaces and feature a blended radius on the bathtub edge to reduce detonation by eliminating hot spots and promoting improved combustion. The head gasket surface has been milled to maintain stock combustion chamber volume (59.9cc), which results in stock compression when used with Original Equipment pistons. Compression can be increased with the installation of Screamin' Eagle® high-compression pistons. Heads are assembled with Original Equipment valves and high-performance valve springs that support cams with lift up to .585". All EFI models require ECM calibration (priced separately). **For race application only.**

16500074 Black Non-Highlighted.
Fits '07-later XL1200 models (except '98-'03 XL1200S).
Requires installation of Perfect Fit Pushrod Kit (-.050)
P/N 18424-06.

16500164 Black Highlighted.
Fits '92-'06 XL1200 models. Requires installation of
Perfect Fit Pushrod Kit (-.050") P/N 18424-06.

Also available:

CNC PORTING AND VALVE UPGRADE SERVICE FOR FACTORY CYLINDER HEADS

A cost-effective alternative to purchasing complete heads. Your new take-off Original Equipment heads are returned to the factory, and are completely re-machined and equipped with updated valves and springs to match the specifications and performance of the Screamin' Eagle Pro CNC Ported Head Kit P/N 16500074. **For race application only.**

16500075 XL Head Porting Service.
Available for '07-later XL1200 Cylinder Heads only. Porting Service is designed for new heads removed from new bikes with less than 200 miles. This is not a refurbish or core-exchange program – the heads that are supplied will be reworked and returned. See your Dealer for complete program details. US Dealers Only.

D. SCREAMIN' EAGLE PRO XL1200 FORGED HIGH-COMPRESSION PISTON KIT

Designed to develop a 10.5:1 compression ratio when combined with stock heads or 11.3:1 ratio when combined with Screamin' Eagle Performance Heads P/N 16677-07 or 16677-05. These forged pistons have been plated with electroless-nickel for maximum durability in high-performance applications. Kit includes a pair of pistons, wrist pins, rings and circlips. All EFI models require ECM calibration (priced separately). **For race application only.**

22711-04A Standard Bore.
Fits '04-later XL1200 models.

E. SCREAMIN' EAGLE PRO FORGED HIGH-COMPRESSION XL883 TO 1200 CONVERSION PISTON KIT

Convert your XL883 to a full 1200cc with this Piston Kit. These forged pistons have a redesigned "dished" top that has been optimized for use with stock 883 heads. Compression ratio is increased to 10:1 and works great with Screamin' Eagle cams. Kit includes pistons, rings, pins and circlips. All EFI models require ECM calibration (priced separately). **For race application only.**

Fits '86-later XL883 models with stock heads. Requires separate purchase of 1200cc cylinders and gaskets.

22698-01A Standard Bore.
22700-01A +.010" o/s.

F. EVOLUTION® XL1200 PISTON KIT

Convert your XL883/1100 to a full 1200cc with genuine Harley-Davidson® lightweight aluminum alloy pistons as used in stock production '88-'03 XL1200 models. **For race application only.**

16140-87 Standard Bore.
Fits '86-'03 XL883 models and '86-'87 XL1100 models.
(Requires Template Kit P/N 25629-88 if stock heads are used.)



D. SCREAMIN' EAGLE PRO XL1200 FORGED HIGH-COMPRESSION PISTON KIT



E. SCREAMIN' EAGLE PRO FORGED HIGH-COMPRESSION XL883 TO 1200 CONVERSION PISTON KIT



F. EVOLUTION XL1200 PISTON KIT

94 ENGINE COMPONENTS

Valve Train

A. SCREAMIN' EAGLE® RACE VALVE SPRING KIT*

This straight coil double spring Race Valve Spring Kit will allow the engine to rev to 7000 RPM and enable the use of higher lift cams. Complete kit includes springs, upper and lower collars and valve keys.

18344-05 7mm dia. Valve Stems.

Fits '04-later XL models, '05-later Twin Cam models with stock cylinder heads. Will not fit CVO™ 103CI and 110CI models or models equipped with Screamin' Eagle® cylinder heads.

18281-02A 5/16" dia. Valve Stems.

Fits '99-'04 Twin Cam, all Evolution® 1340 and '86-'03 XL models. (not shown)

B. 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 .575". Complete kit includes springs, upper collars and keepers and lower collars with integral valve seals.

18013-03A

Fits '04-later XL, XR and '05-later Twin Cam-equipped models. Does not fit Screamin' Eagle Performance Heads with 5/16" diameter valves.

C. SCREAMIN' EAGLE VALVE SPRING KITS*

These Screamin' Eagle Valve Spring Kits have been designed to provide the engine builder with a choice for the various engine combinations that can be built with Screamin' Eagle performance parts. Refer to the chart below to choose a Spring Kit that best suits your application.

Fits '99-'04 Twin Cam, all Evolution 1340 and '86-'03 XL models.

18209-06 5/16" dia. Valve Stems:
.585 Lift Max.

18273-00 5/16" dia. Valve Stems:
.585 Lift Max.

D. SCREAMIN' EAGLE VALVE SPRING SHIM KIT

This Valve Spring Shim Kit allows the engine builder to adjust spring pressure by combining various thickness shims. The kit is a great help when trying to obtain consistent spring pressure across all valves. Kit includes 12 shims (4 each: .015", .030", .060" thickness).

18226-03

Fits '04-later XL and '05-later Twin Cam models equipped with Valve Spring Kit P/N 18344-05. Also fits '99-'04 Twin Cam, all Evolution 1340 and '86-'03 XL models equipped with Valve Spring Kit P/N 18013-03A.



A. SCREAMIN' EAGLE RACE VALVE SPRING KIT



B. SCREAMIN' EAGLE PERFORMANCE VALVE SPRING KIT



C. SCREAMIN' EAGLE VALVE SPRING KITS



D. SCREAMIN' EAGLE VALVE SPRING SHIM KIT

Spring Kit (Valve Stem Dia.)	Force at 1.800" Installed Height	Recommended Max Lift	Spring Force at Max Lift	RPM Range	Spring Type	Cam Application	Notes
18013-03A (7mm)	208	.585	380	0-6500	Ovate Beehive	SE-203, 204, 211, 253, 255, 258, 259E	Used on SE XL, OE CNC Ported and SE Kompressor Twin Cam Heads.
18344-05 (7mm)	195	.660	520	0-7000	Double wound	SE-251, 260, 264, 263E, 266E	N/A
18209-06 (5/16")	146	.585	350	0-6000	Double wound	SE-203, 204, 211	Used on SE 1340 EVO Cylinder Heads.
18273-00 (5/16")	174	.585	448	0-6500	Double wound with dampener	SE-253, 254E 255, 257, 258, 259E	Used on CVO 103, CVO 110, and Twin Cam Heads.
18281-02A	195	.660	520	0-7000	Double wound	SE-251, 260, 264, 263E, 266E, RX267	Used on SE MVA and SE 110+

***NOTICE:** 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.

SCREAMIN' EAGLE VALVE SPRING KIT CHART



E. SCREAMIN' EAGLE ROLLER ROCKER ARMS



F. SCREAMIN' EAGLE PRO ROCKER ARMS – 1.725:1 RATIO



G. SCREAMIN' EAGLE HIGH-CAPACITY TAPPETS



H. SCREAMIN' EAGLE TAPPETS



I. SCREAMIN' EAGLE TWIN CAM FORGED ROCKER SUPPORTS



J. SCREAMIN' EAGLE PRO LOWER ROCKER BOX HOUSING

E. SCREAMIN' EAGLE® ROLLER ROCKER ARMS

Unique roller-tip design increases strength and reduces valve stem side-loading and tip friction. Built to handle cams with up to .700" lift in high RPM application. Complete kit includes set of four.

17378-98

Fits '84-'99 Evolution® 1340-equipped models, '86-later XL and XR models and '99-later Twin Cam-equipped models. (Modification is required on Twin Cam rocker covers.)

F. SCREAMIN' EAGLE PRO ROCKER ARMS – 1.725:1 RATIO

Manufactured from the forging used for Original Equipment rocker arms for enhanced integrity, these Screamin' Eagle® Rocker Arms feature a lift ratio of 1.725:1 versus the stock ratio of 1.65. The larger ratio will increase valve opening to enhance power output on larger displacement engines. As with all performance products, these Rocker Arms should be installed by a qualified technician to ensure appropriate clearances between valves and pistons. Kit includes four rocker arms. **For race application only.**

17396-08

Fits '84-'99 Evolution 1340-equipped models, '86-later XL models and '99-later Twin Cam-equipped models.

G. 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 '99-later Twin Cam-equipped models and '00-later XL and XR models.

H. SCREAMIN' EAGLE TAPPETS

These Screamin' Eagle Tappets incorporate a unique axle, roller and bearing design that increases durability and stability of the tappets. Works well in high horsepower/high RPM applications.

18568-98

Fits '84-'99 Evolution 1340-equipped models and '86-'90 XL models. (set of 4)

I. SCREAMIN' EAGLE TWIN CAM FORGED ROCKER SUPPORTS

Increased strength Rocker Supports will handle the increased loads from higher lift cams and higher RPM applications. This product keeps valve train geometry solid. Works with stock or roller rocker arms. Includes required hardware for installation.

17675-01B

Fits '99-later Twin Cam-equipped models.

J. SCREAMIN' EAGLE PRO LOWER ROCKER BOX HOUSING

Eliminate the grinding and shaping required when installing high-performance valve springs or heads. These lower rocker box housings have been factory-machined to provide the clearance required for large valve springs and collars, ending the trial-and-error rework of the stock rocker boxes. Housings are sold individually. Gaskets must be purchased separately.

17578-10

Fits '99-later Twin Cam models equipped with 110+ Cylinder Heads, MVA Cylinder Heads, ACR Performance Cylinder Heads or heads equipped with Screamin' Eagle Race Valve Springs.

96 ENGINE COMPONENTS

Valve Train

A. 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 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. Each pushrod features the Screamin' Eagle logo and is marked for "Intake" or "Exhaust." Kit includes 4 pushrods and required pushrod tubes.

Fits '99-later Twin Cam-equipped models.

17900032 With Gloss Black Covers.

18404-08 With Chrome Covers.

B. 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 a gloss black and include the 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-later Twin Cam-equipped models. Requires prior installation of Adjustable Pushrods or removal of rocker box covers, rocker arms and fixed-length pushrods.



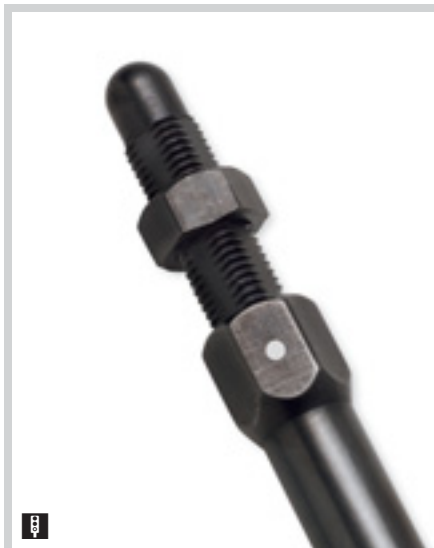
A. SCREAMIN' EAGLE PREMIUM TAPERED QUICK-INSTALL ADJUSTABLE PUSHRODS – GLOSS BLACK COVERS



A. SCREAMIN' EAGLE PREMIUM TAPERED QUICK-INSTALL ADJUSTABLE PUSHRODS – GLOSS BLACK COVERS



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



A. SCREAMIN' EAGLE PREMIUM TAPERED QUICK-INSTALL ADJUSTABLE PUSHRODS



B. PUSHROD COVER KIT – GLOSS BLACK

***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.



C. SCREAMIN' EAGLE QUICK-INSTALL PUSHROD KIT FOR TWIN CAM-EQUIPPED MODELS



D. SCREAMIN' EAGLE QUICK-INSTALL PUSHROD KIT FOR EVOLUTION 1340-EQUIPPED MODELS



C. SCREAMIN' EAGLE® QUICK-INSTALL PUSHROD KIT FOR TWIN CAM-EQUIPPED MODELS

These pushrods have been designed to allow for easier installation, adjustment and improved durability. This unique Screamin' Eagle® design allows for installation of camshafts in the Twin Cam without the removal of the heads or rocker boxes. This design is also a great performer, constructed of stiff chrome moly tubing and thread-rolled adjusters. Kit includes required pushrod tubes and clips for adjustment of pushrods.

17997-99A
Fits '99-later Twin Cam-equipped models.

D. SCREAMIN' EAGLE QUICK-INSTALL PUSHROD KIT FOR EVOLUTION® 1340-EQUIPPED MODELS

This Screamin' Eagle design allows for installation of camshafts in the Evolution® 1340 engine without the removal of the heads or rocker boxes. This design is also a great performer, constructed of stiff chrome moly tubing and thread-rolled adjusters for durability and strength.

17987-98A
Fits '84-'99 Evolution 1340-equipped models.

E. SCREAMIN' EAGLE PRO PERFECT FIT PUSHRODS*

These one-piece tapered pushrods are stiffer than conventional pushrods and are lighter than adjustable pushrods. These are perfectly sized for the engine builder who knows what head and cam combination are being used. Four sizes to fit the most popular head and cam combinations. Refer to pages 73-77 for model-specific cam information. Sold in sets of 4.

Fits '99-later Twin Cam engines. Refer to application chart at the bottom of this page for applicable cylinder head and cam combinations.

18400-03	Original Equipment Length.
18401-03	+ .030"
18402-03	- .030"
18403-03	- .060"
18416-04	+ .060"

Fits '92-later XL models equipped with Screamin' Eagle Pro Sportster® Cylinder Heads P/N 16677-05.

18424-06	- .050"
-----------------	---------

Type of Head Installed

Type of Cam Installed	Type of Head Installed		
	Original Equipment	CNC-Ported Factory Heads or Screamin' Eagle MVA Heads	Screamin' Eagle Kompressor Heads
Stock, SE-203, SE-204, SE-211, SE-253, SE-254E, SE-255	18400-03	18402-03	18403-03
SE-251, SE-257, SE-258, SE-259E	18401-03	18400-03	18402-03
SE-260, SE-264, SE-263E	N/A	18401-03	N/A
RX-267, SE-266E	N/A	18416-04	N/A



E. SCREAMIN' EAGLE PRO PERFECT FIT PUSHRODS

***NOTE:** Screamin' Eagle Adjustable or Perfect Fit Pushrods are required when installing Screamin' Eagle Twin Cam Cylinder Heads and SE-251, SE-257, SE-258 or SE-260 Camshafts.

98 ENGINE COMPONENTS

Spark Plugs

A. SCREAMIN' EAGLE® ST PERFORMANCE SPARK PLUG

Screamin' Eagle® ST Performance 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 start ups and ignitability. Screamin' Eagle ST 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.

High-Compression Applications

These plugs are designed for high-performance applications involving modifications in high-flow air cleaners, cam shafts, exhaust, performance heads, ignition components, higher-compression ratios above Original Equipment configurations or engines specific for racing applications.

32186-10

Fits '99-later Twin Cam-equipped models, '86-later XL and XR models, and Evolution® 1340 models equipped with Screamin' Eagle Performance Cylinder Heads. Also fits '02-later VRSC™ models with stock compression ratio.

32188-10

Fits '84-'99 Evolution 1340-equipped models, '75-'81 Shovelhead 74 and 80CI and '83-'84 XR1000™ models.

Stock Compression Applications

Designed for modified engines including performance carburetors, high-flow air cleaners, cam shafts, exhaust systems and ignition systems in conjunction with stock compression ratios.

32189-10

Fits '84-'99 Evolution 1340-equipped models, '75-'81 Shovelhead 74 and 80CI models.

32192-10

Fits '99-later Twin Cam-equipped models and '86-later Evolution Sportster® 883, 1100 and 1200 models.

B. SCREAMIN' EAGLE PERFORMANCE COILS – EVOLUTION® ENGINES

These coils provide over 40,000 volts to powerfully spark your Evolution motor. Quick rise time for high RPM and high-compression performance applications.

Fits all '84-'99 carbureted Evolution-equipped and '86-'03 XL models with electronic ignitions (except '98-later XL1200S).

31653-97 Black.

C. SCREAMIN' EAGLE TERMINATED PLUG WIRE KITS – EVOLUTION ENGINES

These custom 8mm terminated plug wire sets are larger in diameter than stock wires and feature silicone plug boots and suppression core so that your electronic ignition is not affected. Use with your stock production coil or the perfect addition when upgrading to one of our Performance Coils.

Fits '97-'98 FLHT, FLHTC, FLHTCU and FLHR models.

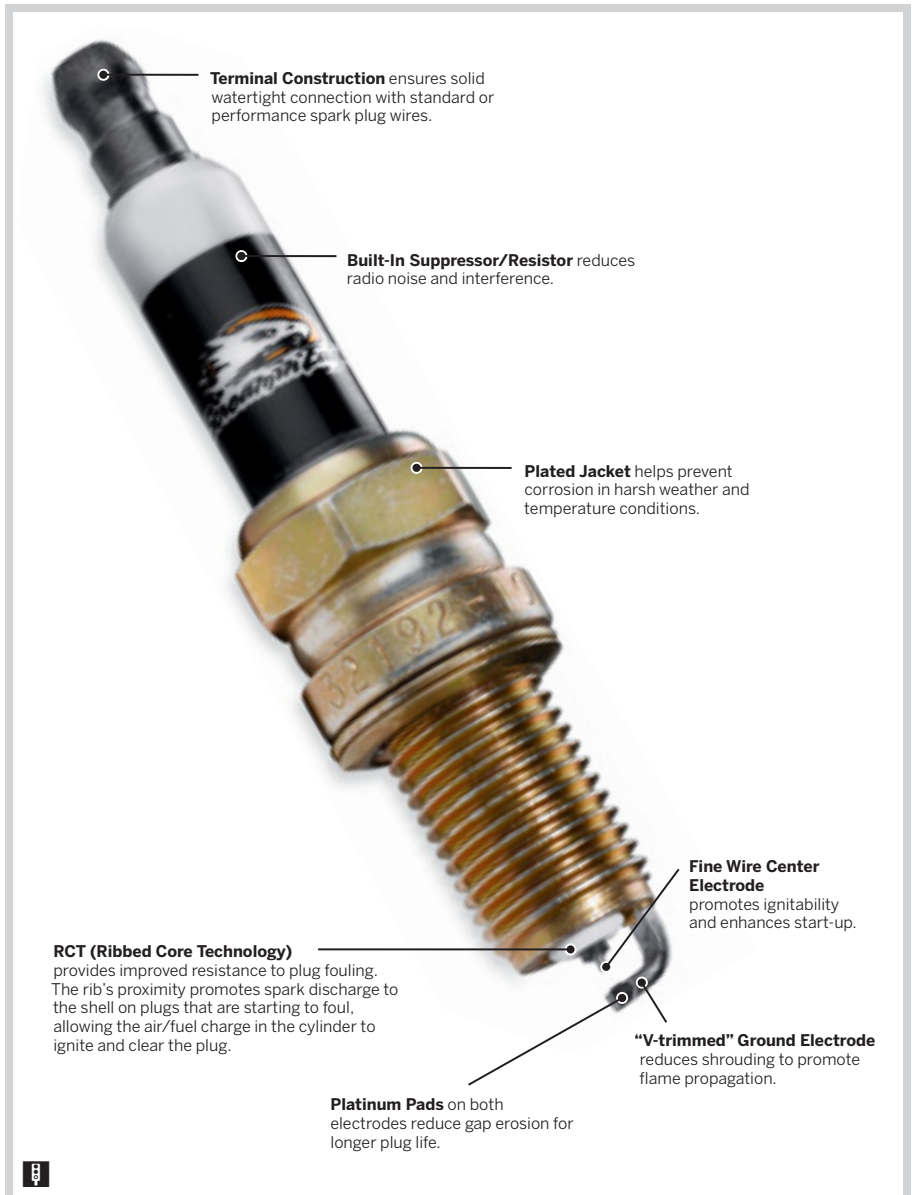
32094-98 Black.

Fits '82-'99 FXR models.

32090-98 Black.

Fits '85-'96 Evolution 1340 FLT, FLHT, FLHR and '82-'93 FLHS models.

32091-98 Black.



A. SCREAMIN' EAGLE ST PERFORMANCE SPARK PLUG



B. SCREAMIN' EAGLE PERFORMANCE COILS – EVOLUTION ENGINES



C. SCREAMIN' EAGLE TERMINATED PLUG WIRE KIT – EVOLUTION ENGINES



D. SCREAMIN' EAGLE 10MM PHAT SPARK PLUG WIRES

D. 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" logo printed along wire to add style.

Multi-Fit – Cut to length.

32095-98A Black.

31987-85B Yellow.

Fits '09-later Touring models.

32303-08 Black.

32318-08 Red.

32325-08 Orange.

Fits '99-'08 Touring models.

31932-99B Black.

31939-99B Red.

31946-99B Orange.

Fits '99-later Dyna® models.

31930-99B Black.

31937-99B Red.

31944-99B Orange.

Fits '00-later Softail® models (except FXCW, FXCWC, FXS and FXSB).

31907-08 Black.

32359-00B Red.

32360-00B Orange.

Fits '08-later FXCW, FXCWC, FXS and FXSB models.

31965-08 Black.

31967-08 Red.

Fits '91-'98 Dyna, '85-'99 Softail and '80-'84 Touring models.

32093-98A Black.

31964-89B Orange.

Fits '07-later XL models.

31901-08 Black.

31902-08 Orange.

Fits '04-'06 XL models.

31958-04A Black.

31956-04A Orange.

Fits '86-'03 XL models.

32092-98A Black.

31963-89A Orange.



D. SCREAMIN' EAGLE 10MM PHAT SPARK PLUG WIRES

E. SCREAMIN' EAGLE PROGRAMMABLE SHIFT LIGHT

Racers know there's no time to look at the tach; they trust a shift light that can be seen with peripheral vision so they can maintain focus on the track. Now you can bring that same attention-grabbing experience to your ride. The compact Screamin' Eagle Shift Light features quick-reacting amber LEDs to alert rider when to shift and an easy-to-see red digital RPM readout. LED intensity can be adjusted for day- or night-time use. The shift light can be programmed to flash at any user-defined RPM set point. The shift light also features a peak RPM recall function to display the highest RPM reached. Kit includes shift light, mounting clamp with insert to fit all 1.0" and 1.25" handlebars, Screamin' Eagle rain cover and all required hardware.

69779-09

Fits '04-'10 XL and XR, '04-'11 Dyna, '04-'10 Softail and '04-'07 Touring models.



E. SCREAMIN' EAGLE PROGRAMMABLE SHIFT LIGHT



E. SCREAMIN' EAGLE PROGRAMMABLE SHIFT LIGHT

100 ENGINE COMPONENTS

Clutch & Drivetrain

A. SCREAMIN' EAGLE® TWIN CAM PERFORMANCE ASSIST AND SLIP (A&S) CLUTCH KIT

Developed for the high-thrust 110CI engine featured as Original Equipment on '14-later Screamin' Eagle® CVO™ models, this A&S clutch provides significantly increased torque-handling capacity (~115 lb-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-later Touring and Trike models with hydraulic clutch actuator.

B. 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 centrifugal 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 increasing 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 lb-ft
SE Spring P/N 37951-98	35% greater than stock	153 lb-ft

37000121

Fits '99-later Evolution® 1340 and Twin Cam-equipped models. 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. Will not fit '13-later CVO Touring models with hydraulic actuated clutch or '14-later Touring and Trike models equipped with Screamin' Eagle A&S Clutch Kit P/N 37000026. Will not fit '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.



A. SCREAMIN' EAGLE TWIN CAM PERFORMANCE ASSIST AND SLIP CLUTCH KIT



B. SCREAMIN' EAGLE VARIABLE PRESSURE CLUTCH



C. SCREAMIN' EAGLE TWIN CAM PERFORMANCE RACE CLUTCH HUB KIT



D. SCREAMIN' EAGLE RACE CLUTCH KIT



E. SCREAMIN' EAGLE PERFORMANCE CLUTCH FRICTION DISC KIT



F. HEAVY DUTY CLUTCH SPRING FOR STOCK CLUTCH



G. SCREAMIN' EAGLE PERFORMANCE CLUTCH KIT



H. SCREAMIN' EAGLE PERFORMANCE SLIPPER CLUTCH FOR VRSC MODELS

C. SCREAMIN' EAGLE® TWIN CAM PERFORMANCE RACE CLUTCH HUB KIT

Innovative new clutch hub kit offers improved clutch performance and is perfect for large displacement applications. Will support engines producing up to 160 lb-ft of torque. Kit includes the hub, pressure plate and clutch springs and can be used with stock friction discs and spacers or Screamin' Eagle® Friction Disc Kit P/N 37980-10. (Does not include clutch friction plates.)

37976-08A

Fits '07-later Twin Cam-equipped models. Will not fit '13-later CVO™ Touring models with hydraulic actuated clutch or '14-later Touring models equipped with Screamin' Eagle A&S Clutch Kit P/N 37000026.

D. SCREAMIN' EAGLE RACE CLUTCH KIT

This clutch has an innovative design that features new long life friction plates and 6 individual coil springs to adjust your clutch to your specific needs. Designed to handle up to 160 lb-ft of torque at the crank.

37970-03A

Fits '90-'99 Evolution® 1340-equipped models and '99-'06 Softail® and Touring and '99-'05 Dyna® models.

NOTE: '90-'97 Evolution 1340-equipped models require Clutch Shell P/N 37707-98A and Rod Adjuster Screw P/N 37090-98A. '90-'93 Evolution 1340-equipped models also require starter P/N 31553-94B.

E. SCREAMIN' EAGLE PERFORMANCE CLUTCH FRICTION DISC KIT

Newly-developed friction material delivers longer life than Original Equipment friction discs. Kit includes new precision-machined 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.

37980-10

Fits '99-later Twin Cam-equipped models and '98-'99 Evolution 1340-equipped models. Will not fit '13-later CVO Touring models with hydraulic actuated clutch or '14-later Touring models equipped with Screamin' Eagle A&S Clutch Kit P/N 37000026.

F. HEAVY DUTY CLUTCH SPRING FOR STOCK CLUTCH

37951-98

Fits '99-later Twin Cam-equipped models and '98-'99 Evolution 1340-equipped models. Will not fit '13-later CVO Touring models with hydraulic actuated clutch or '14-later Touring models equipped with Screamin' Eagle A&S Clutch Kit P/N 37000026.

G. 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 lb-ft 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.

H. 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.

102 ENGINE COMPONENTS

Clutch & Drivetrain

A. SCREAMIN' EAGLE® BIG TWIN COMPENSATOR

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 displacement 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, FXSTSSE3, FXSB and FXSBSE) and '12-'13 Touring and Trike models. Original Equipment on '14-later Dyna, Softail and Touring models. Requires separate purchase of Installation Adhesive Kit P/N 11100088.

40100061

Fits '06-'11 Dyna, '07-'11 Softail (except FXCW, FXCWC), '07-'10 Touring, and '07-'09 CVO™ (except FXSTSSE3) models. Does not fit Trike. Requires separate purchase of Installation Adhesive Kit P/N 11100088. Kit includes Rotor Assembly P/N 30041-08.

42200095A

Fits '08-'12 FXCWC and FXSTSSE3 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.

B. SCREAMIN' EAGLE MANUAL PRIMARY CHAIN TENSION ADJUSTER

The Screamin' Eagle® Manual Primary Chain Tension Adjuster is a real benefit in those aggressive racing situations where frequent drag racing starts and high rpm speed shifting are part of the riding experience. Ideal for bikes equipped with big displacement high performance (100hp+) engines that are regularly used for track-day drag racing; this Screamin' Eagle Tension Adjuster permits manual selection of primary chain tension. A direct replacement for the Original Equipment automatic version, this anodized billet aluminum adjuster allows you to fine-tune the settings and lock the position when the freeplay is properly set. The manual adjustment locks the chain tension in place to prevent the chain from adjusting during severe shifting. Kit includes required mounting hardware.

36500020

Fits '06-later Dyna and '07-later Softail, Touring and Trike models. Requires separate purchase of model-specific primary gaskets and seals.

C. AUTOMATIC PRIMARY CHAIN TENSION ADJUSTER

Original Equipment on '06-later Dyna and '07-later Softail and Touring models, this Automatic Primary Chain Adjuster eliminates the need to manually adjust the primary chain tension at traditional service intervals.

40063-05B

Fits '85-'06 Evolution® 1340 (except '85-'88 Softail) and Twin Cam powertrain. Requires separate purchase of model-specific primary gasket and seals.

D. TWIN CAM TRANSMISSIONS – SOFTAIL

Six-Speed Cruise Drive® Transmission.

33006-14

Black and Chrome.

Fits '10-later Softail models (except CVO, FXCW, FXCWC and FXSB). Includes clutch cable for FLSTC models.

E. TWIN CAM TRANSMISSION – TOURING

Six-Speed Cruise Drive Transmission.

32228-15

Black and Chrome.

Fits '10-later Touring models (except CVO and models with hydraulic activated clutch). Includes clutch cable.

NEW



A. SCREAMIN' EAGLE BIG TWIN COMPENSATOR



B. SCREAMIN' EAGLE MANUAL PRIMARY CHAIN TENSION ADJUSTER



C. AUTOMATIC PRIMARY CHAIN TENSION ADJUSTER



D. TWIN CAM TRANSMISSION – SOFTAIL, BLACK AND CHROME



E. TWIN CAM TRANSMISSION – TOURING, BLACK AND CHROME

F. SCREAMIN' EAGLE® 6-SPEED TRANSMISSION AND GEAR SET

Designed from the ground up, the Screamin' Eagle® transmission incorporates many of the best Original Equipment features, like late-style shifting mechanism and a newly designed "shift ring" system to make this the smoothest shifting 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.

COMPLETE TRANSMISSION

Fits '01-'05 Dyna® models. Requires separate purchase of appropriate Side Cover Release Kit.

33040-03A Black and Chrome.

Fits '00-'06 Softail® models. Requires separate purchase of appropriate Side Cover Release Kit.

33045-03A Black and Chrome.

Fits '90-'99 Softail models. Includes Cable Side Cover Release Kit.

33104-03 Black and Chrome.

Fits '02-'06 Touring models. Requires separate purchase of appropriate Side Cover Release Kit.

33137-04 Black and Chrome.

GEAR SET**33100-03A**

Fits '90-'99 Softail and '91-'94 and '96-'00 Dyna 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-'06 Touring, '99-'05 Dyna and '00-'06 Softail 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.

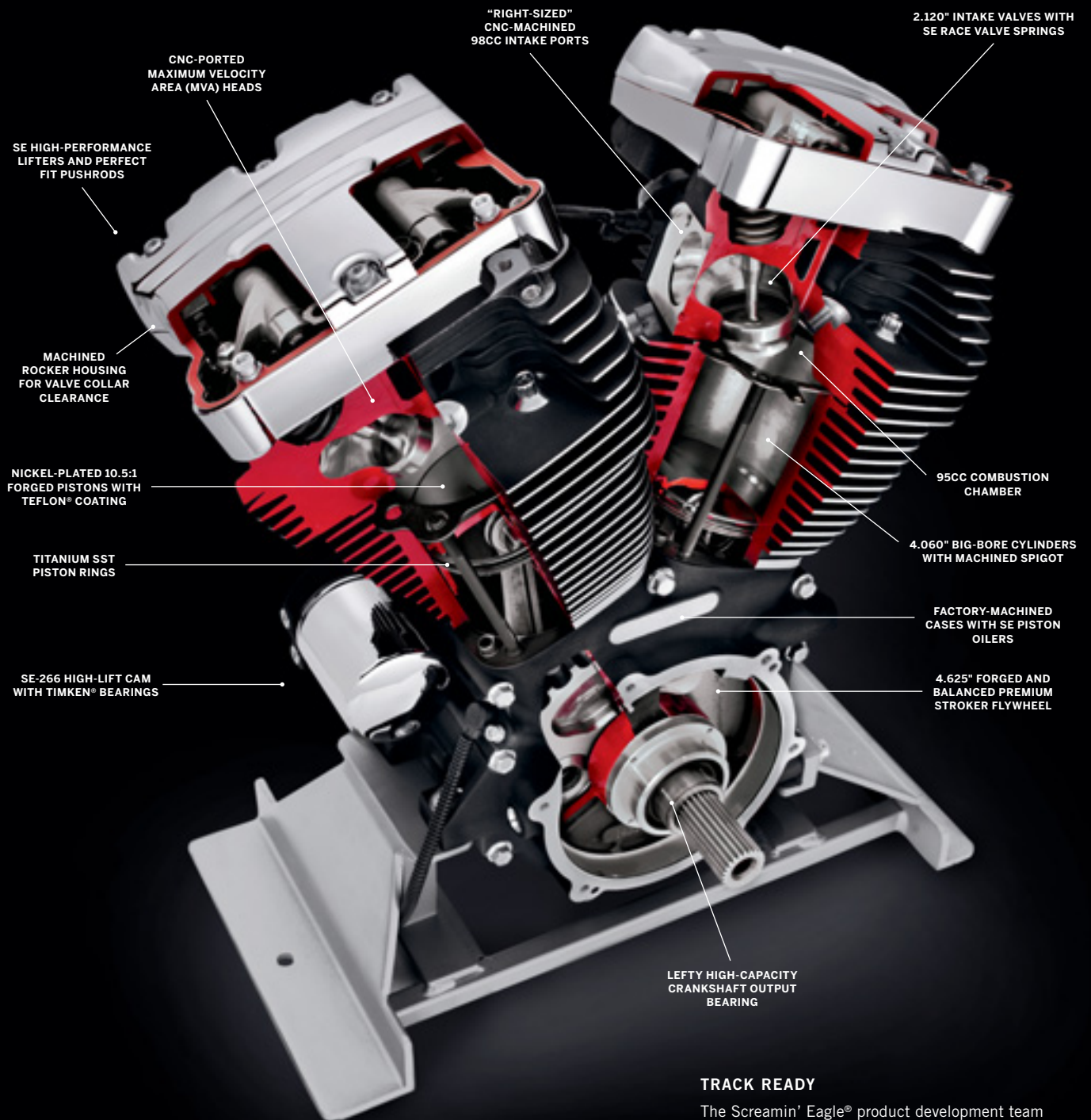
Fits '90-'06 Touring, '91-'05 Dyna and '90-'06 Softail models equipped with Screamin' Eagle 6-Speed Transmission and cable-actuated clutch.



The Screamin' Eagle 6-Speed Transmission has been tested and validated using the same rigorous procedures that Original Equipment transmissions are subjected to and is backed by a 12 or 24-month (depending on model year) unlimited mileage warranty when installed at the time of a new bike purchase.

**F. SCREAMIN' EAGLE 6-SPEED TRANSMISSION AND GEAR SET
(SHOWN WITH SCREAMIN' EAGLE TRANSMISSION SIDE COVER FOR 6-SPEED TRANSMISSION)**

FACTORY-BUILT CRATE ENGINES



TRACK READY

The Screamin' Eagle® product development team combines all their engineering and manufacturing expertise into a series of complete Twin Cam-based racing engines and race-use Stage Kits. Ranging in displacement from 95CI to 120CI, these potent track-use performers produce reliable horsepower right out of the box. Take a look inside our SE120R engine and you'll see we mean business.

SCREAMIN' EAGLE® PRO SE120R HIGH-PERFORMANCE CRATE MOTOR



This track-ready 120 cubic inch Screamin' Eagle® Crate Motor is waiting to provide a racing enthusiast the opportunity to go racing at an affordable price. This engine is designed for bolt-in installation in the Original Equipment-style chassis of your track 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. When equipped with appropriate high-flow carburetor or throttle body and injectors, an open air induction and tuned exhaust, this engine is capable of producing a reliable 135+ horsepower at the rear wheel. Engines include Manufacturers Statement of Origin (MSO-domestic only).

These race-use engines feature only 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 coated skirts.
- Titanium SST piston rings.
- SE-266E high-lift cams.
- Perfect Fit pushrods +.030.
- SE high-performance lifters.
- CNC-ported MVA heads with automatic compression release (19206-12 and 19220-12 only).
- Machined lower rocker boxes for valve spring collar clearance.
- Factory-machined engine cases.
- Unique piston oilers for stroker clearances.
- Screamin' Eagle performance inner cam bearings.
- Lefty high-performance crankcase output bearing.
- SE performance spark plugs.
- 120R cam cover and head medallions.
- High volume oil pump.
- Billet cam plate.

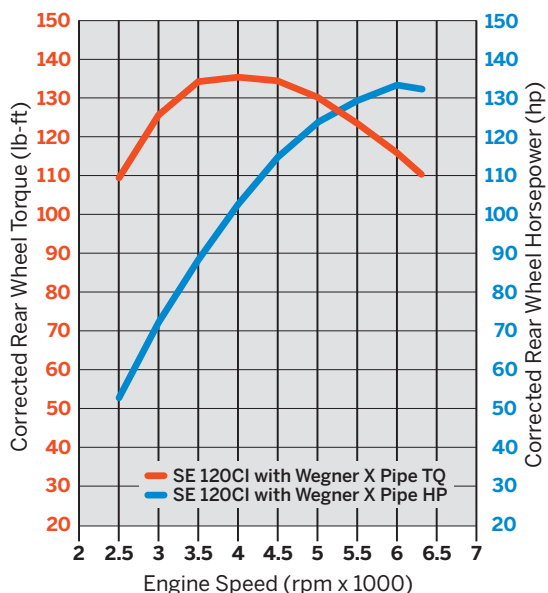
Requires separate purchase of appropriate Screamin' Eagle induction system and a high-performance clutch upgrade. Just add your choice of race exhaust, high-flow air cleaner and tuning. **For race application only.**

19220-15 Black & Chrome.
Fits '06-later Dyna® and '07-later Touring (except Twin-Cooled™) models. '06-'11 Dyna and '07-'10 Touring models require separate purchase of Compensator P/N 40274-08A.

19206-15 Black & Chrome.
Fits '07-later Softail® models. '07-'11 Softail models (except FXCW, FXCWC and FXSTSSE3) require separate purchase of Compensator P/N 40274-08A.

19289-12 Black & Chrome.
Fits '02-'05 Dyna and '02-'06 Touring models. Touring models require separate purchase of Sprocket Shaft Spacer P/N 24008-03.

19290-12
Fits '01-'06 Softail models.



SCREAMIN' EAGLE PRO SE120R HIGH PERFORMANCE CRATE MOTOR

106 ENGINES

Crate Engines – Twin Cam

JIMS® TWIN CAM RACE ENGINES

The JIMS Twin Cam Race Engines, available exclusively through Harley-Davidson® dealers, are a complete component package designed to serve as a solid foundation for racers seeking big horsepower and displacement. Developed by JIMS of Camarillo, CA, these race engines are designed to fit within the frame of Harley-Davidson models originally powered by Evolution® 1340 or air-cooled Twin Cam engines. JIMS Twin Cam Race Engines are NOT street-legal. This engine was developed under Harley-Davidson license, granted to JIMS for use of specific Harley-Davidson Twin Cam intellectual property. The JIMS Twin Cam Race engines are based on a 356-T6 aluminum crankcase with enough case material to support a bore size up to 4.800 inches. This is not a bored stock case, but a new JIMS crankcase with increased wall thickness for larger bore potential. As a new crankcase, the engine ships with a JIMS serial number and a Manufacturers Statement of Ownership (MSO). **For race application only.**

JIMS Race Engines are available in black or silver powder coat, color-matched to Original Equipment Harley-Davidson transmissions. For more details, options, ordering information and pricing, see your Dealer or visit: www.jimsusa.com

Available to fit '91-later Dyna®, Softail® and Touring model frames (except Twin-Cooled™ models), including models originally equipped with Evolution engines. **For race application only.**



JIMS 135 Twin Cam Race Engine Specifications: (with SE Stage I A/C)

Peak Horsepower	136
Peak Torque	135
Displacement	135CI
Bore x Stroke	4.312" x 4.625"
Compression Ratio	10.5:1
Intake Valve Diameter	2.120"
Exhaust Valve Diameter	1.625"
Cam Lift	.658"
Intake Port Size	1.80"

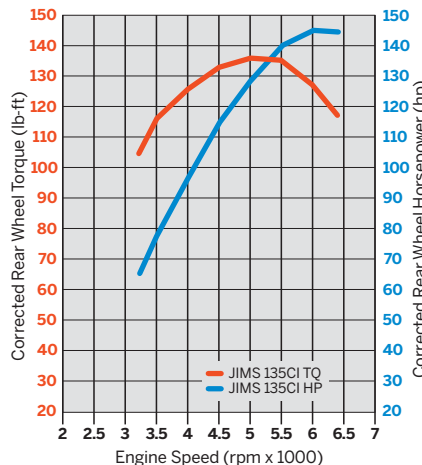
JIMS 131 Twin Cam Race Engine Specifications: (with SE Stage I A/C)

Peak Horsepower	130
Peak Torque	135
Displacement	131CI
Bore x Stroke	4.312" x 4.500"
Compression Ratio	10.5:1
Intake Valve Diameter	2.120"
Exhaust Valve Diameter	1.625"
Cam Lift	.658"
Intake Port Size	1.80"

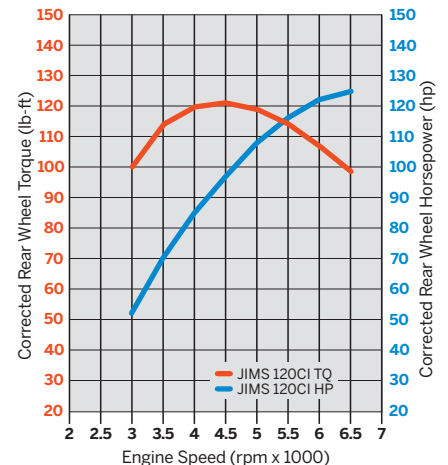
JIMS 120 Twin Cam Race Engine Specifications: (with SE Stage I A/C)

Peak Horsepower	121
Peak Torque	125
Displacement	120CI
Bore x Stroke	4.125" x 4.500"
Compression Ratio	10:1
Intake Valve Diameter	2.120"
Exhaust Valve Diameter	1.625"
Cam Lift	.658"
Intake Port Size	1.80"

JIMS 135CI TWIN CAM RACE ENGINE
WITH SE AIR CLEANER



JIMS 120CI TWIN CAM RACE ENGINE
WITH SE AIR CLEANER



For more details, ordering information and pricing, see your Dealer or visit: www.jimsusa.com

Corrected torque and horsepower measured at the rear wheel on a chassis dynamometer. Your results may vary.



A. TWIN CAM ENGINE – SOFTAIL, BLACK AND CHROME 110B

A. TWIN CAM ENGINE

The balanced Twin Cam Engine has brought a whole new ride to the Softail® family. And now, you can get the most technologically advanced, air-cooled, V-Twin engines to refresh your ride. Available in 88CI, 96CI, 103CI and 110CI configurations, these engines are street-legal 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. See your Dealer for details.

NOTE: CVO™ 103B and Twin Cam 88B™ engines now feature factory installed Screamin' Eagle® Hydraulic Cam Chain Tensioner Plate and Oil Pump upgrade kit. This latest cam chain tensioner design will significantly outlast the Original Equipment-style spring tensioners and the upgraded oil pump increases oil flow by 8% and oil scavenging by 22%.

1800cc Screamin' Eagle® Twin Cam 110B™

Fits '07-later CVO Softail models. Does not include intake system, timer cover, stator, rotor or compensating sprocket assembly.

19293-15 Black and Chrome.

1690cc Screamin' Eagle Twin Cam 103B™

Fits '06 FLSTFSE2 models. Includes Screamin' Eagle Hydraulic Cam Chain Tensioner and Oil Pump upgrade. Does not include intake system, timer cover, stator, rotor or compensating sprocket assembly.

19293-06D Black and Chrome.

19296-06D Silver and Chrome.

1690cc Twin Cam 103B

Fits '12-later Softail models factory equipped with a Twin Cam 103B engine. Does not include intake system, timer cover, stator, rotor or compensating sprocket assembly.

19811-15 Black and Chrome.

1450cc Twin Cam 88B

Fits '06 Softail models (except '06 FLSTFSE2). Includes Screamin' Eagle Hydraulic Cam Chain Tensioner and Oil Pump upgrade. Does not include intake system, timer cover, stator, rotor or compensating sprocket assembly.

19258-06D Silver and Polished.

19259-06D Black and Chrome.

1800cc Screamin' Eagle Twin Cam 110A

Fits '08-'13 CVO FLHTCUSE, FLHXSE, FLTRXSE, FLTRUSE, '13-'14 CVO FLHRSE and '15-later FLHXSE models. Requires installation of oil cooler and cover kit. Does not include intake system, timer cover, stator, rotor or compensating sprocket assembly.

19176-15 Black and Chrome.

1690cc Twin Cam 103A

Fits '10-'13 FLHTK, FLHTCUTG and FLHXXX and '11-'13 Touring models factory equipped with Twin Cam 103A engine. Does not include intake system, timer cover, stator, rotor or compensating sprocket. Does not fit Twin Cooled equipped models.

19678-13A Black and Chrome.

Fits '14-later Touring (except Twin-Cooled™) and '15-later FLRT models. Does not include intake system, timer cover, stator, rotor or compensating sprocket assembly.

19678-15 Black and Chrome.

1690cc Screamin' Eagle Twin Cam 103A

Fits '06 FLHTCUSE models. Includes Screamin' Eagle Hydraulic Cam Chain Tensioner and Oil Pump upgrade. Requires installation of Oil Cooler P/N 62994-04 and Cover Kit P/N 62995-04. Does not include intake system, timer cover, stator, rotor or compensating sprocket assembly.

19176-06D Black and Chrome.

19264-06D Silver and Chrome.

1450cc Twin Cam 88A

Fits '05 Dyna® models. Includes Screamin' Eagle Hydraulic Cam Chain Tensioner and Oil Pump upgrade. Does not include intake system, timer cover, stator, rotor or compensating sprocket assembly.

19255-05C Black and Chrome.

19256-05C Silver and Polished.



A. TWIN CAM ENGINE – DYNA AND TOURING, BLACK AND CHROME 110A

108 ENGINES

Revolution X™ & Revolution® Engines

A. REVOLUTION X™ ENGINE

With the launch of the new Harley-Davidson® Street™ motorcycles, the world has been introduced to a new powertrain from Harley-Davidson. This engine is now available from your dealer. Available in black, the engine comes complete with clutch system, stator/rotor charging system and transmission. Does not include throttle body or ECM.

20022-15 XG750 Engine – Black.
Fits '15-later XG750 models.

B. REVOLUTION® VRSC™ ENGINE

With the launch of the V-Rod® motorcycle in 2002, the world was introduced to a revolutionary new powertrain and now the Revolution engine is available from your Harley-Davidson dealer. Available in gloss black 1250cc configuration as featured as Original Equipment on the 2015 V-Rod models.

19973-15K Gloss Black.
Fits '12-later VRSC™ models. Does not include charging system or induction system.

C. XR750 DIRT-TRACK RACE ENGINE KIT



This unassembled kit allows you to build the most famous motor in the Dirt Track racing series. This is the engine that carried Scott Parker to nine Grand National Championships.

Due to the technical nature of this engine kit, we recommend that the assembly, machining of heads and cams and tuning be performed by or in conjunction with an authorized Harley-Davidson dealer for best results on the track.

This kit does not include exhaust pipes, crankcases, clutch, ignition system, carburetors, clutch release mechanism or transmission sprocket. **For race application only.**

16070-98R For more details, see your authorized dealer.

NEW



A. REVOLUTION X ENGINE



B. REVOLUTION VRSC ENGINE – GLOSS BLACK



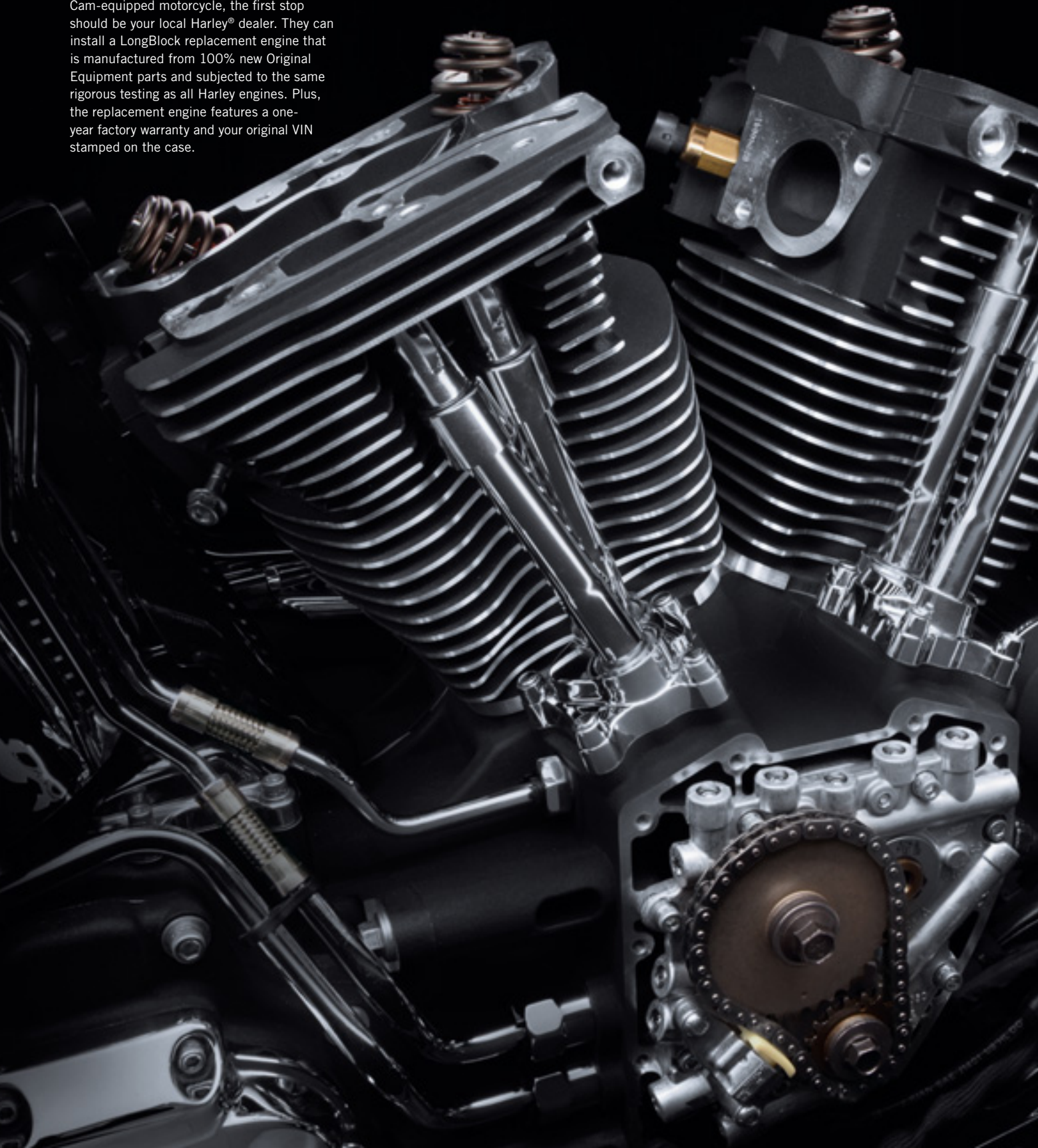
C. XR750 DIRT-TRACK RACE ENGINE KIT

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 US 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.

LONGBLOCK

When it comes time to repower your Twin Cam-equipped motorcycle, the first stop should be your local Harley® dealer. They can install a LongBlock replacement engine that is manufactured from 100% new Original Equipment parts and subjected to the same rigorous testing as all Harley engines. Plus, the replacement engine features a one-year factory warranty and your original VIN stamped on the case.



110 ENGINES

LongBlock Program

HARLEY-DAVIDSON® LONGBLOCK PROGRAM

Your engine is the heart and soul of your Harley-Davidson® 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-'13 103CI and 110CI 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® engines can upgrade to 95 or 103CI displacement and Twin Cam 96-equipped models can be repowered with 103 or 110CI engines, based on specific model fitment. Upgrades require model-specific ECM recalibration (sold separately).

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 re-install 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.

Fits '01-later Dyna®, '01-later Softail® and '01-later Touring and Trike models (except '01 EFI Touring).

92500025 Chrome.

92500026 Gloss Black.

92500027 Wrinkle Black.



Available to fit:

'00-'06 Softail models.

16200087 Twin Cam 88 – Black.

16200088 Twin Cam 88 – Silver.

'01-'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-'13 Softail models.

16200101 Twin Cam 96 – Black.

16200102 Twin Cam 96 – Silver.

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-'06 EFI Touring models.

16200095 Twin Cam 103 – Black.*

16200096 Twin Cam 103 – Silver.*

'06-'13 Dyna and '07-'13 Touring models.

16200099 Twin Cam 96 – Black.

16200100 Twin Cam 96 – Silver.

'07-'13 Dyna and '07-'13 Touring models.

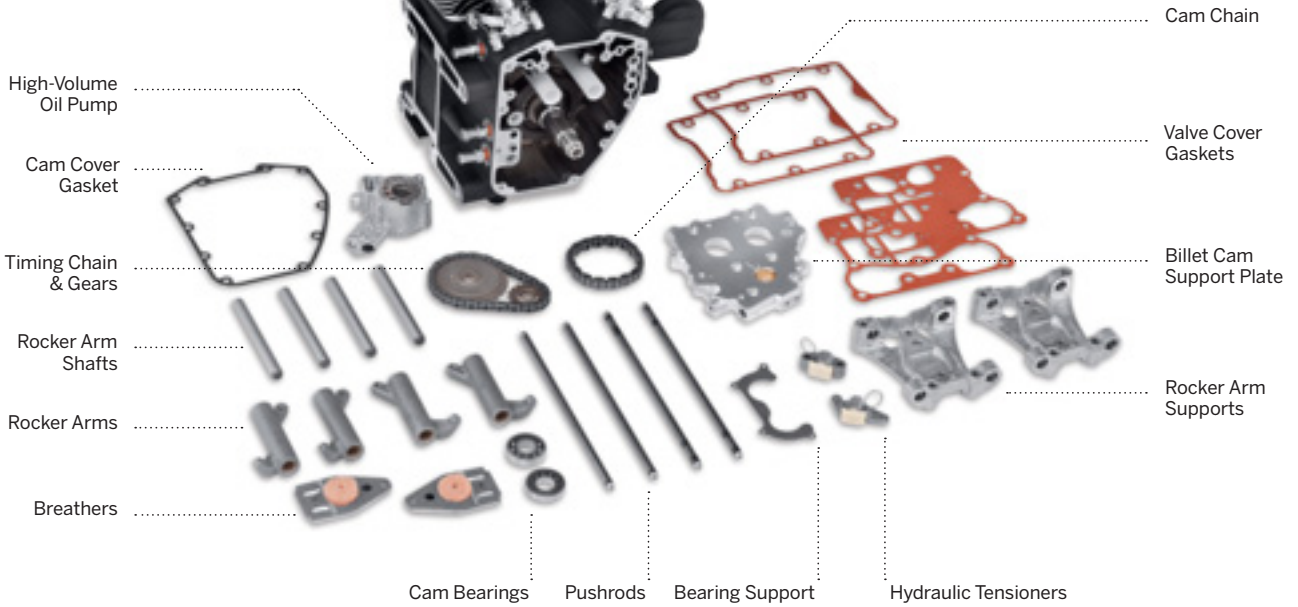
16200103 Twin Cam 103 – Black.*

16200105 Twin Cam 110 – Black.*

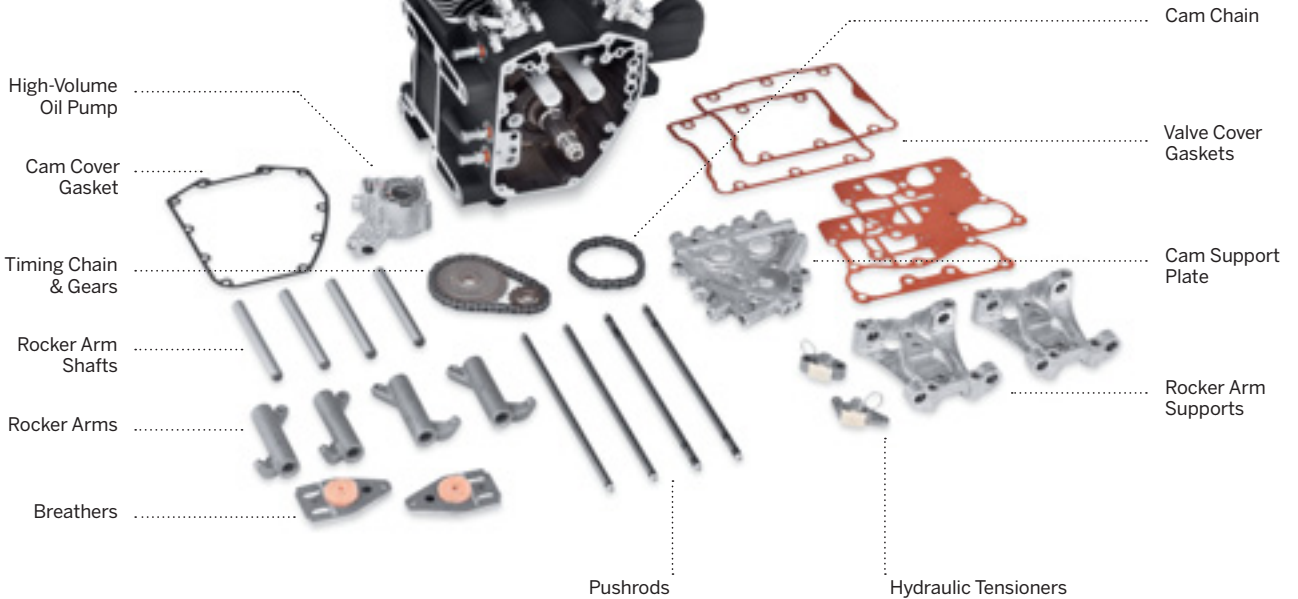
16200106 Twin Cam 110 – Granite.*



LONGBLOCK – '99-'06 MODELS
(DYNA/TOURING SHOWN)



LONGBLOCK – '07-'13 MODELS
(DYNA/TOURING SHOWN)



NOTE: All fasteners are included but not shown.

SPECIALTY TOOLS

TIME TO GET DIRTY

Building a performance engine requires a lot of skill—and more than a little inside knowledge. Your local Harley-Davidson® Dealer is equipped and ready to take on the challenge. The Dealer's technical staff has spent countless hours at Harley-Davidson University® learning the techniques and continues to polish their skills doing the work every day. But if you want to do it yourself, Screamin' Eagle® offers the special tools you need to get started.





A. ENGINE ASSEMBLY/DISPLAY STAND (SHOWN WITH OPTIONAL MAGNETIC HARDWARE TRAY)



B. SCREAMIN' EAGLE ENGINE CASE SUPPORT BLOCKS



C. SCREAMIN' EAGLE MAINSHAFT SPROCKET AND PULLEY LOCKNUT REMOVAL AND INSTALLATION TOOL



D. SCREAMIN' EAGLE FINAL DRIVE PULLEY LOCKING TOOL



E. SCREAMIN' EAGLE PRIMARY DRIVE LOCKING TOOL



F. SCREAMIN' EAGLE PUSHROD TUBE INSTALLATION AND REMOVAL TOOL

A. ENGINE ASSEMBLY/DISPLAY STAND

This dual purpose engine stand provides support to the Twin Cam Alpha (Dyna®/Touring) crankcase during engine tear-down and assembly and also provides a means to display the completed engine. Heavy duty steel stand can be used free-standing on its non-marking rubber feet or bolted to the bench for added stability. Stand features a laser-cut Bar & Shield logo.

94845-10
For use with Twin Cam Dyna and Touring engines.

B. SCREAMIN' EAGLE® ENGINE CASE SUPPORT BLOCKS

This innovative tool is designed to protect the left engine case while servicing the inner balancer bearings or performing other general engine work. These blocks attach to the outer side of the engine case underneath the balancer bearing pads surface. The blocks are made of aluminum and have inserted Delrin® pads that rest against the case to prevent marring. The blocks properly support the case, keeping it on a level plane when using a press for bearing service work.

14900004
For use on '00-later Softail® engines.

C. SCREAMIN' EAGLE MAINSHAFT SPROCKET AND PULLEY LOCKNUT REMOVAL AND INSTALLATION TOOL

This extended-length socket is designed to fit over the long transmission shaft simplifying the removal and installation of the large transmission pulley locknuts. Manufactured from hardened tool steel, the socket includes a stabilizer spacer that keeps the threaded shaft end from hitting the socket during removal and installation.

94137-09
For use on '84-'99 Evolution® 1340-equipped models and '99-'05 Dyna, '00-'06 Softail and '99-'06 Touring models.

94141-10
For use on '06-later Dyna and '07-later Softail and Touring models.

D. SCREAMIN' EAGLE FINAL DRIVE PULLEY LOCKING TOOL

Locks the engine's final drive sprocket so that you can loosen the pulley nut. Pulley Lock Tool also eliminates any damage to pulley. Use with Mainshaft Sprocket and Pulley Locknut Removal Tool P/N 94137-09 and 94141-10.

14900003
For use with '80-later belt-drive Big Twin models.

E. SCREAMIN' EAGLE PRIMARY DRIVE LOCKING TOOL

This tool is designed to keep the primary drive system from rotating during the installation and removal of the compensator sprocket nut or the clutch hub nut. The tool is easily inserted into the primary drive system and wedges in place to restrict movement without damaging the sprocket teeth.

94102-09
For use on '07-later Touring models.

14900002
For use on '06-later Dyna and '07-later Softail models.

F. SCREAMIN' EAGLE PUSHROD TUBE INSTALLATION AND REMOVAL TOOL

This handy tool simplifies the removal and installation of the retaining clip on Harley-Davidson® collapsible pushrod tubes. Convenient design reduces the risk of scratched engine parts and hands and the quality composite handles provide a sure and solid grip.

94086-09
For use on Harley-Davidson collapsible pushrod tubes.

114 TOOLS

A. SCREAMIN' EAGLE® MAGNETIC LIFTER HOLDERS

Simplify engine cam swaps. During rebuild, the lifters drop down onto the cam lobes, making it difficult to remove or install the cam. This clever tool uses strong magnets to hold the lifters up and out of the way while removing or installing the cams. Manufactured from 6061-T6 billet aluminum, these handy tools are orange anodized to make them easy to find in a crowded tool chest. Sold in pairs, a set allows you to service both front and rear lifters at the same time.

93979-10

For use on '99-later Twin Cam models.

B. SCREAMIN' EAGLE TWIN CAM CHAIN TENSIONER TOOL

A must for any camshaft work, this tool lets you easily assemble and disassemble cams by unloading the pressure on the primary and secondary chain tensioners on early Twin Cam models.

94075-09

For use on '99-'05 Dyna®, '00-'06 Softail® and '99-'06 Touring models.

C. SCREAMIN' EAGLE CAM LOCKING TOOL

Tool allows a technician to effectively lock the camshaft and crankshaft sprockets to properly remove, replace and torque the sprocket bolts. Tool is made from non-marring Delrin® material to protect the crank and cam sprocket teeth and surface finishes.

94076-09 Roller Chain.

For use on '06-later Dyna, '07-later Softail and '07-later Touring models.

94077-09 Silent Chain.

For use on '99-'05 Dyna, '00-'06 Softail and '99-'06 Touring models.

D. SCREAMIN' EAGLE CAMSHAFT REMOVAL AND INSTALLATION TOOL

This multi-function tool is designed to remove and replace the front and rear camshafts and the ball bearings of a Twin Cam 88°-based engine. It precisely aligns the camshaft to ensure smooth press-in and press-out of the support plate.

94085-09

For use on '99-'05 Dyna, '00-'06 Softail and '99-'06 Touring models.

E. SCREAMIN' EAGLE INNER CAM BEARING REMOVAL TOOL

This precision tool simplifies the removal of the inner cam bearing, and reduces the risk of damaging the crankcase. Tool is also designed to keep the pin rollers from accidentally falling into the crankcase.

94078-09

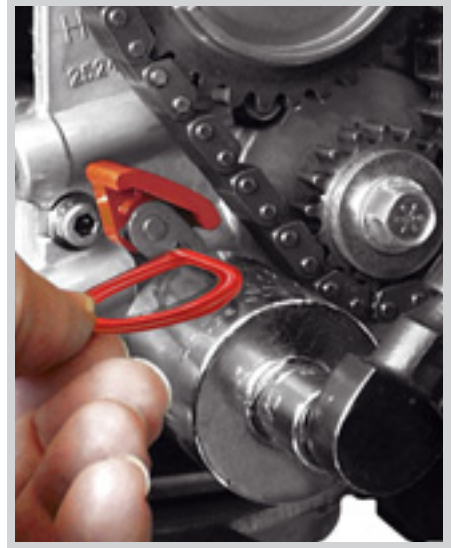
For use on '99-'05 Dyna, '00-'06 Softail and '99-'06 Touring models.

94144-09

For use on '06-later Dyna and '07-later Softail and Touring models.



A. SCREAMIN' EAGLE MAGNETIC LIFTER HOLDERS



B. SCREAMIN' EAGLE TWIN CAM CHAIN TENSIONER TOOL



C. SCREAMIN' EAGLE CAM LOCKING TOOL – ROLLER CHAIN



C. SCREAMIN' EAGLE CAM LOCKING TOOL – SILENT CHAIN



D. SCREAMIN' EAGLE CAMSHAFT REMOVAL AND INSTALLATION TOOL



E. SCREAMIN' EAGLE INNER CAM BEARING REMOVAL TOOL



F. SCREAMIN' EAGLE INNER CAM BEARING INSTALLATION TOOL



G. SCREAMIN' EAGLE MAINSHAFT BEARING RACE REMOVAL AND INSTALLATION TOOL



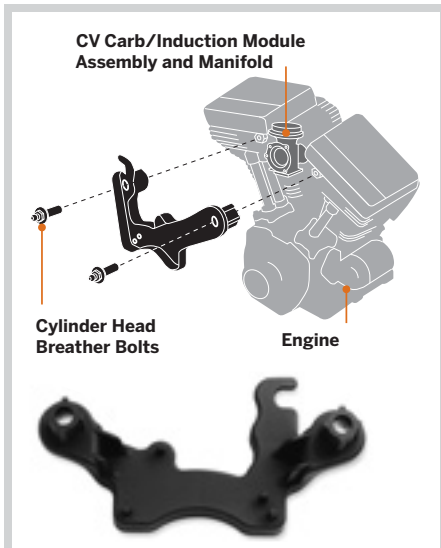
H. SCREAMIN' EAGLE CRANKCASE BEARING INSTALL/REMOVAL TOOL



I. SCREAMIN' EAGLE CRANKCASE MAIN SEAL INSTALL/REMOVAL TOOL



J. SCREAMIN' EAGLE EXHAUST SAMPLING ADAPTER INSTALLATION TOOL (SHOWN WITH SAMPLE RIVNUT FASTENER & SEALING PLUG)



K. INDUCTION ALIGNMENT BRACKET KIT

F. SCREAMIN' EAGLE® INNER CAM BEARING INSTALLATION TOOL

This precision tool is designed to ease the installation of the inner cam bearing into the bore. Manufactured from hardened tool steel, this precision tool perfectly positions the bearings and prevents the pin bearings from falling into the engine case.

94107-09A

For use on '99-later Twin Cam engines featuring both early- and late-model inner cam bearing designs.

G. SCREAMIN' EAGLE MAINSHAFT BEARING RACE REMOVAL AND INSTALLATION TOOL

This tool is designed to easily remove and install the bearing race on the transmission mainshaft. Manufactured from hardened tool steel, the tool operates with standard wrenches.

94129-09

For use on '84-'99 Evolution® 1340-equipped models, and '99-'05 Dyna®, '00-'06 Softail® and '99-'06 Touring models.

H. SCREAMIN' EAGLE CRANKCASE BEARING INSTALL/REMOVAL TOOL

This heavy-duty tool is designed to provide adequate support for the crankcase and appropriate guidance to the bearing while using a press to remove and install crankcase bearings. Precision-made of Delrin® material to prevent marring; this tool can be used on pinion and sprocket side bearings on Dyna and Touring models and sprocket side bearings on Softail models.

14900014

For use on '03-later Twin Cam engines.

I. SCREAMIN' EAGLE CRANKCASE MAIN SEAL INSTALL/REMOVAL TOOL

This precision tool is designed to remove and install the crankcase main seal with the engine still in the vehicle. The unique design reduces the risk of damage to the crankcase and crankshaft. Manufactured from hardened tool steel, the kit includes adaptors required for use on both Twin Cam 88®- and Twin Cam 96™-based engines.

14900015

For use on '99-later Twin Cam engines.

J. SCREAMIN' EAGLE EXHAUST SAMPLING ADAPTER INSTALLATION TOOL

This tool is used to permit the connection of an air-to-fuel ratio "sniffer" to the exhaust header pipes for exhaust gas evaluation. Traditionally, the "sniffer" tool is inserted into the muffler to collect a sample for analyzing the engine's operating air-to-fuel ratio, but if the exhaust system is equipped with a catalyst, the sample collected at the tail pipe will not be accurate. This tool allows the exhaust gas sample to be taken ahead of the catalyst, resulting in accurate air-to-fuel ratio values.

14900008

For use during Dyno testing.

Also available:

SCREAMIN' EAGLE EXHAUST SAMPLING ADAPTER AND ADAPTER PLUG HARDWARE KIT

Kit includes 40 Rivnut® fasteners and 40 sealing plugs.

14900011

For use with Exhaust Sampling Adapter Tool P/N 14900008.

K. INDUCTION ALIGNMENT BRACKET KIT

The Induction Alignment Bracket Kit provides exact alignment and easy installation of engine intake manifolds, preventing intake air leaks.

40054-01

For use on Twin Cam and Evolution 1340 engines equipped with CV Carburetors or Electronic Fuel Injection.

116 TOOLS

A. SCREAMIN' EAGLE® CASE BORING TOOL

The Screamin' Eagle® Case Boring Tool takes the guesswork out of boring Twin Cam engine cases to accept oversize cylinders. Designed to be used with a heavy-duty 15.0" drill press or milling machine, the fixture holds and aligns the cases for accurate machining. Ideal for installing a Twin Cam 110™ cubic inch Stage Kit or race-use "bigger bore" 113 cubic inch stroker cylinders.

94419-06

For use on '99-later Twin Cam engines.

B. SCREAMIN' EAGLE TIMKEN® BEARING TOOL

Timken® tool allows you to convert 2003-later Twin Cam models with a factory-installed output shaft roller bearing to a Timken tapered bearing. Tool allows technician to press in a bearing sleeve without having to do a precision crank-case boring operation. Sleeve presses in and is retained with screws. Timken bearing races are then pressed into the sleeve. Timken Bearing Sleeve P/N 34822-08 is sold separately.

34823-08

For use on '03-later Twin Cam-equipped models.

C. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE TOOL

This kit provides all the fixtures and tools necessary for a machinist to install Automatic Compression Release (ACR) valves onto stock or Screamin' Eagle Performance cylinder heads. Complete installation requires separate purchase of Automatic Compression Release Kit P/N 28861-07A and model-specific Wiring Harness P/N 70623-06 or 70623-08.

94648-08

For machining of '99-later Twin Cam Original Equipment cylinder heads (except Twin-Cooled™ models) or Screamin' Eagle Performance Heads P/N 16952-08, 16953-08, 16952-99C and 16953-99C.

D. SCREAMIN' EAGLE MECHANICAL COMPRESSION RELEASE MACHINING FIXTURE

Simplify the addition of mechanical compression releases to your stock Twin Cam cylinder heads. The fixture allows precision accuracy for the drilling, spot facing and tapping necessary to install Compression Release Kit P/N 32076-04 (sold separately). Fixture accommodates the machining of the front and rear heads, even when the valves are already in place and when the process is complete, the Compression Release Kit P/N 32076-04 threads in place.

94638-08

For use on '99-later Twin Cam models (except Twin-Cooled models).

E. SCREAMIN' EAGLE VALVE SPRING INSTALLATION/REMOVAL TOOL

The Screamin' Eagle Valve Installation/Removal Tool is used with a conventional .5" or larger drill press to hold a head at the proper angle and compress the valve spring so the retainers can be installed or removed. Kit contains universal Screamin' Eagle engraved base, Twin Cam cylinder head fixture plate, and a valve press pin. XL/Evolution® 1340 Cylinder Head Fixture Plate P/N 14900036 sold separately.

14900035

For use with '99-later Twin Cam cylinder heads. '86-later XL and '84-'99 Evolution 1340 cylinder heads requires separate purchase of Fixture Plate P/N 14900036.

Shown with:

14900036 XL Fixture Plate.

For use with '86-later XL cylinder heads and '84-'99 Evolution 1340 cylinder heads. Requires separate purchase of Valve Spring Installation/Removal Tool P/N 14900035.



A. SCREAMIN' EAGLE CASE BORING TOOL



B. SCREAMIN' EAGLE TIMKEN BEARING TOOL



C. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE TOOL



D. SCREAMIN' EAGLE MECHANICAL COMPRESSION RELEASE MACHINING FIXTURE



E. SCREAMIN' EAGLE VALVE SPRING INSTALLATION/REMOVAL TOOL (SHOWN WITH XL FIXTURE PLATE)



E. SCREAMIN' EAGLE VALVE SPRING INSTALLATION/REMOVAL TOOL (SHOWN WITH XL FIXTURE PLATE)



SCREAMIN' EAGLE WRENCHES



F. SCREAMIN' EAGLE ROCKER BOX BOLT RATCHETING WRENCH

F. SCREAMIN' EAGLE® ROCKER BOX BOLT RATCHETING WRENCH

This high-quality wrench simplifies working on the rocker box while the engine is mounted in the motorcycle's frame. This tool features a low-profile design to allow access to the tight spaces between the frame and the engine. The wrench has a long handle for increased reach, a replaceable bit and a reversible ratcheting action so the socket head cap screw can be ratcheted in or out. The comfortable soft vinyl grip with Screamin' Eagle logo protects the engine from scratches.

94057-09
For use on all Harley-Davidson® Big Twin rocker box covers.

G. SCREAMIN' EAGLE LOWER ROCKER BOX WRENCH

This quality long-handled wrench is designed to simplify installation and removal of the lower rocker box on Twin Cam engines. The special 7/16" socket is shaped to reach these confined areas. The comfortable soft vinyl grip with Screamin' Eagle logo protects the engine from scratches.

94074-09
For use on Twin Cam engines.

H. SCREAMIN' EAGLE INTAKE MANIFOLD WRENCH

This reversible ratcheting box wrench simplifies and speeds up the installation and removal of the intake manifold socket head cap screws used on Big Twin engines. The comfortable soft vinyl grip with Screamin' Eagle logo protects the engine from scratches.

94063-09
For use on all Big Twin engines.

I. SCREAMIN' EAGLE FLYWHEEL SHAFT RATCHET WRENCH

This high-quality ratcheting tool enables technician to manually rotate the flywheel of the engine to check cam timing and to inspect valve-to-valve, piston-to-valve and piston-to-piston clearances. Designed to easily slip over the output crankshaft spline, the wrench features a simple-to-use finger-operated lever to reverse the ratcheting direction.

94038-09 24 Tooth Spline.
For use on '06-later Dyna® and '07-later Touring and Softail® models.

94088-09 Sportster® Spline.
For use on '72-later XL and XR models.

94089-09 10 Tooth Spline.
For use on '72-'06 Big Twin engines (except '06 Dyna models).

J. SCREAMIN' EAGLE TORQUE ANGLE GAUGE

This tool allows you to use the same precise assembly techniques used at the factory. Many fasteners on the engine should be tightened to an initial torque value and then turned an additional prescribed angle to ensure that the fastener has the appropriate amount of "stretch" and attains the required clamp load. Tightening fasteners by torque specification alone can result in insufficient or over-tightening because of nicked or dirty threads. The easy-to-read dial face provides precise measurement and the .375" drive makes this tool compact and easy to use in most applications.

94147-10
For use on applications where torque angle measurements are specified during assembly, e.g. head bolts.

K. SCREAMIN' EAGLE O2 SENSOR SOCKET

This cut-away socket is designed to clear the wire lead and simplify the removal or installation of the oxygen sensor on closed loop fuel-injected models. Manufactured to withstand the installation torque requirements, the socket features a .375" drive receiver.

94136-09
For use on '06-'13 XL models, '06-'11 VRSC™, Dyna and Softail models and '06-'09 Touring and Trike models.

93980-10
For use on '14-later XL, '12-later VRSC, Dyna and Softail models and '10-later Touring and Trike models.

L. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE REMOVAL TOOL

Socket designed for removal and installation of Harley-Davidson® Automatic Compression Release solenoid.

94048-09
For all Harley-Davidson models equipped with Screamin' Eagle® Automatic Compression Release P/N 28861-07A.



G. SCREAMIN' EAGLE LOWER ROCKER BOX WRENCH



H. SCREAMIN' EAGLE INTAKE MANIFOLD WRENCH



I. SCREAMIN' EAGLE FLYWHEEL SHAFT RATCHET WRENCH



J. SCREAMIN' EAGLE TORQUE ANGLE GAUGE



K. SCREAMIN' EAGLE O2 SENSOR SOCKET (93980-10 SHOWN)



L. SCREAMIN' EAGLE AUTOMATIC COMPRESSION RELEASE REMOVAL TOOL

118 TOOLS

A. HARLEY-DAVIDSON® PREMIUM TOOL KIT

This Premium Harley-Davidson® branded Tool Kit features all the tools you need for common maintenance on your motorcycle. The heavy-duty tools are conveniently secured in a hinged carrying case, and lock in place for simple organization. Tools feature large, easy-to-read size indicators, and are stamped with the classic Harley-Davidson script. Lifetime warranty.

64-Piece Kit includes:

- 1 – Quick-Release Ratchet (3/8" Drive)
- 1 – 3" Extension (3/8" Drive)
- 1 – 6" Extension (3/8" Drive)
- 1 – Universal Joint (3/8" Drive)
- 11 – SAE Deep Sockets 3/8" – 1" (3/8" Drive)
- 8 – Metric Deep Sockets 10mm – 17mm (3/8" Drive)
- 1 – Spark Plug Socket 5/8" (3/8" Drive)
- 6 – Hex Sockets 1/8" – 3/8" (3/8" Drive)
- 6 – Torx® Sockets T25-T50 (3/8" Drive)
- 2 – Spinner Handle (1/4" Drive) with Adaptor
- 6 – Bits (Slotted, Phillips, Torx)
- 9 – SAE Combination Wrenches 1/4" – 3/4"
- 8 – Metric Combination Wrenches 8mm – 17mm
- 1 – Diagonal Pliers – 7"
- 1 – Slip Joint Pliers – 8"
- 1 – Needle Nose Pliers – 8"

14900033



A. HARLEY-DAVIDSON PREMIUM TOOL KIT

B. HARLEY-DAVIDSON/SNAP-ON® TOOL KITS

These tool kits were developed specifically for Harley-Davidson by Snap-on® to perform the most functions with the least amount of tools and weight. Provides all the right tools, without compromising quality or damaging your motorcycle's hardware. Lifetime warranty.

H-D®/Snap-on Compact Tool Kit

Designed to provide the most tools in the least amount of space, this tool kit rolls into a compact pouch for easy transport.

94684-00A

Fits '00-later models (except FXR4, VRSC™ and XG models).

H-D/Snap-on Softail® Tool Kit

Tailored to the Softail® motorcycle, this high-quality tool kit is compact to take anywhere, and shaped to fit Softail models equipped with teardrop-shaped tool box.

94668-00

Fits '00-later Softail models.

C. HARLEY-DAVIDSON TOOL KIT

This is the ideal carry-along tool kit for your Harley-Davidson motorcycle. The kit was developed to perform most service functions and weigh as little as possible to keep your load light.

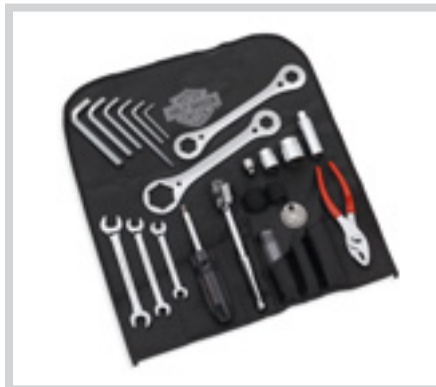
94819-02

Fits '86-later XL, XR and '99-later Twin Cam-equipped models.

D. TOOL KIT FOR VRSC™ MODELS

Designed specifically for the V-Rod® motorcycle, this is the ideal carry-along tool kit for your VRSC model. The kit includes the metric tools required to perform most service functions with the least amount of carrying weight.

94820-02 Fits '02-later VRSC models.



B. H-D/SNAP-ON COMPACT TOOL KIT ('00-LATER MODELS SHOWN)



B. H-D/SNAP-ON SOFTAIL TOOL KIT ('00-LATER SOFTAIL MODELS SHOWN)



C. HARLEY-DAVIDSON TOOL KIT



D. TOOL KIT FOR VRSC MODELS



E. ALL-IN-ONE FOLDING TOOL



F. 8-IN-1 SCREWDRIVER

E. ALL-IN-ONE FOLDING TOOL

This kit is the ideal traveling companion. Standard on the Ultra Classic® and Limited Electra Glide® model, this compact folding tool is equipped to perform the basic "on-the-road" service functions on most late-model Harley-Davidson® motorcycles. Large comfortable handle with a soft grip adds leverage, and holds the foldaway tools. Tool selection: Torx® bits – T27, T40; Hex Bits – 3/32", 1/4", 3/8"; Screwdriver Bits – Phillips, slotted; Open end wrenches (2) – 9/16", 1/2", 10mm. Kit includes nylon pouch with hook-and-loop closure and Bar & Shield logo.

94435-10

Fits '02-later models (except VRSC™ and XG models).

F. 8-IN-1 SCREWDRIVER

Ideal tool for most of the screws on H-D® products. The unique 8-in-1 design conveniently stores all fittings within handle. Included are #40, 30, 27, and 25 Torx, #2 and 3 Phillips and 2 slotted driver bits. Quality engineered by Snap-on® with lifetime guarantee against breakage.

94669-00

G. COMBINATION AXLE WRENCH

Individual combination front and rear axle wrenches available for your model.

1. 94695-08 .75" & 36mm.

Fits '02-'07 Touring models.

2. 94697-08 .9375" & 36mm.

Fits '08-later Dyna®, Softail® and Touring models.

H. SHOCK ADJUSTMENT SPANNER

The Universal Spanner is small enough to carry in a H-D Tool Kit, and is designed to adjust the spring load on all mechanically adjustable H-D rear shock absorbers.

94448-82B

For use on models with mechanically adjustable H-D rear shock absorbers (except XR models).

I. BELT TENSION TESTER TOOL

Use to check tension on secondary belt.

40006-85 Universal.

J. STAINLESS STEEL TRAYS WITH MAGNETIC BASE

Convenient storage tray with a magnetic base secures small metallic parts during maintenance. Use it horizontally, vertically or upside down. The magnetic base is covered with a protective coating to prevent damage to surface finishes.

94821-01 4" Diameter.

94793-01 6" Diameter.

K. ENGINE ASSEMBLY/DISPLAY STAND

This dual purpose engine stand provides support to the Twin Cam Alpha (Dyna/Touring) crankcase during engine tear-down and assembly, and also provides a means to display the completed engine. Heavy-duty steel stand can be used free-standing on its non-marking rubber feet, or bolted to the bench for added stability. Stand features a laser-cut Bar & Shield logo.

94845-10

For use with Twin Cam Dyna, Touring and Trike engines.



G. COMBINATION AXLE WRENCH



H. SHOCK ADJUSTMENT SPANNER



I. BELT TENSION TESTER TOOL



J. STAINLESS STEEL TRAYS WITH MAGNETIC BASE



K. ENGINE ASSEMBLY/DISPLAY STAND (SHOWN WITH OPTIONAL MAGNETIC HARDWARE TRAY)



120 PART#/PAGE# CROSS REFERENCE

11100026	31	18401-03	97	24601-10B	87	28741-10	35	29620-99	45	38002-04	101	80417-06	16
14900002	113	18402-03	97	25121-03	77	28742-10	35	29624-08	45	38752-04	103	80503-07	16
14900003	113	18403-03	97	25122-02	77	28861-07A	84	29635-99	51	38753-04A	103	80601-09A	19
14900004	113	18404-08	96	25137-00	77	29000009A	43	29636-99	51	40054-01	115	80611-09	27
14900008	115	18416-04	97	25149-00	77	29000019A	43	29641-99	51	40063-05B	102	80621-12	23
14900011	115	18424-06	97	25152-00	77	29000065	34	29667-07	47	41000061	102	80629-10	25
14900014	115	18568-98	95	25155-00	77	29000066	37	29702-08A	44	4100008B	71	80630-10	25
14900015	115	18572-13	95	25197-04	92	29006-09B	34	29773-02C	41	41000018	71	80674-08A	19
14900035	116	19176-06D	107	25282-11	88	29017-09	35	29775-02C	68	42200064A	102	80678-08	18
14900036	116	19176-15	107	25284-11	88	29042-04C	43	29782-07	43	42200095A	102	80679-12	22
16070-98R	108	19206-15	105	25285-08	88	29045-97B	51	29784-07	57	52300285	12	80680-12	23
16101-01	85	19220-15	105	25376-03	77	29066-03B	43	29793-02C	42	61300109	42	80681-12	23
16140-87	93	19255-05C	107	25400029	77	29080-09	34	29836-10	68	61300110	42	80716-08	26
16200070	87	19256-05C	107	25422-97	90	29098-09	34	29859-04B	68	61300299	45	80721-09	30
16200071	87	19258-06D	107	25464-06	75	29119-08	45	29866-07B	54	61300364	12	80726-09A	16
16200085	110	19259-06D	107	25465-06	75	29170-08	45	29893-07B	67	61300516	39	80742-09A	30
16200086	110	19264-06D	107	25474-06	75	29253-08B	34	29894-07B	67	61300517	39	80781-12	23
16200087	110	19289-12	105	25475-06	75	29260-08	41	29903-07A	56	64601-10	17	80794-10A	18
16200088	110	19290-12	105	25482-10	75	29264-08	34	29915-09	40	64800022	28	80812-10	26
16200091	110	19293-06D	107	25483-10	75	29299-08	34	29935-98A	51	64806-07A	17, 21	80813-12	22
16200092	110	19293-15	107	25494-10	75	29319-08	45	29936-98A	51	64900091	29	80817-10A	24
16200093	110	19296-06D	107	25503-10	75	29382-97A	45	30003-10	57	64900093	29	80818-10	24
16200094	110	19678-13A	107	25602-10	75	29383-97A	45	30076-09	48	64900124	19	80821-10	21
16200095	110	19678-15	107	25638-07	75	29400019	44	31653-97	98	64900127	17	80829-10A	24
16200096	110	19811-15	107	25648-01	92	29400020	44	31901-08	99	64900128	21	80846-10	29
16200097	110	19973-15K	108	25648-91	92	29400021	44	31902-08	99	64900129	21	80847-10	29
16200098	110	20022-15	108	25649-01A	92	29400022A	44	31907-08	99	64900137	20	80872-12	20
16200099	110	21900001	81	25740-05	92	29400026	44	31930-99B	99	64900186	26	80881-10A	29
16200100	110	21900002	81	25752-97	90	29400039	40	31932-99B	99	64900187	26	80887-10	17
16200101	110	21914-08A	81	25753-97	90	29400061	35	31937-99B	99	64900208	15	9058A	90
16200102	110	21915-08A	81	25754-97	90	29400063	36	31939-99B	99	64900209	15	92500002A	59
16200103	110	21916-08A	81	25937-99B	77	29400064	36	31944-99B	99	64900220	13	92500003	67
16200104	110	21928-08A	81	27000007	80	29400065	44	31946-99B	99	64900242	20	92500004A	59
16200105	110	21966-07	83	27000009	80	29400103	36	31956-04A	99	64900243	20	92500005	67
16200106	110	21968-07	83	27082-10	47	29400104	36	31958-04A	99	64924-09	17	92500006	61
16200108	110	22109-08A	81	27300019A	47	29400105	34	31963-89A	99	64981-09	30	92500007	61
16200109	110	22123-08A	81	27300033	46	29400109	44	31964-89B	99	65100013	25	92500010A	61
16500013A	79	22137-08B	81	27300035	46	29400116	36	31965-08	99	65100014	25	92500011	53
16500045A	85	22141-08B	81	27300052	46	29400117	36	31967-08	99	65100015	27	92500018	61
16500046A	55	22143-08B	82	27300054	47	29400118	44	31987-85B	99	65100016	27	92500019	53
16500067	79	22144-08B	82	27400001	49	29400123	36	32076-04	84	65100017	27	92500020	54
16500074	93	22179-99A	83	27400002	49	29400124	36	32090-98	98	65100018	27	92500021	64
16500075	93	22193-98	91	27477-04	51	29400127	36	32091-98	98	65100019	27	92500025	110
16500164	93	22315-06A	87	27501-10A	54	29400128	36	32092-98A	99	65100028	27	92500026	110
16500208	79	22502-07A	82	27505-10A	54	29400129	41	32093-98A	99	65100029	25	92500027	110
16500259	79	22503-07A	82	27508-11	54	29400141	44	32094-98	98	65100035	25	93600004	44
16503-01	85	22571-07B	81	27513-08C	66	29400163	38	32095-98A	99	65100048	15	93979-10	114
16505-01	85	22574-10	82	27516-08E	62	29400164	38	32109-08C	71	65100049	15	93980-10	117
16546-99A	85	22575-07B	81	27517-08D	62	29400165	38	32184-08A	71	65100054	27	94038-09	117
16549-99A	85	22576-10	82	27525-08D	60	29400166	38	32186-10	98	65100056	13	94048-09	117
16550-04C	85	22661-99A	83	27535-08	56	29400167	38	32188-10	98	65115-10	25	94057-09	117
16554-92A	92	22698-01A	93	27539-08A	56	29400168	38	32189-10	98	65247-09	21	94063-09	117
16555-07A	85	22700-01A	93	27543-08	55	29400172	33	32192-10	98	65400001	24	94074-09	117
16854-98A	91	22711-04A	93	27544-10A	65	29400173	33	32228-15	102	65400064	31	94075-09	114
16871-99Y	92	22767-98	91	27545-08	55	29400178	37	32303-08	99	65400078	17, 21	94076-09	114
16925-11	78	22851-99A	83	27548-10A	63	29400197	12	32318-08	99	65400079	17, 21	94077-09	114
16934-11	78	22853-99A	83	27557-08	55	29400207	12	32325-08	99	65400082	24	94078-09	114
16954-02A	92	22868-00A	83	27559-08E	60	29400208	12	32359-00B	99	65400088	21	94085-09	114
17004-01	85	22870-00A	83	27564-09A	55	29400217	39	32360-00B	99	65400117	31	94086-09	113
17044-08A	79	22942-00A	82	27623-05A	48	29400218	39	33006-14	102	65400137	17	94088-09	117
17046-98	91	22944-00A	82	27639-07A	47	29406-08	41	33040-03A	103	65400143	17	94089-09	117
17056-01	91	23600-00A	86	27670-05	48	29414-07	50	33045-03A	103	65400167	13	94102-09	113
17378-98	95	23601-05A	86	27713-08	46	29424-05A	44	33100-03A	103	65400172	21	94107-09A	115
17396-08	95	23703-02A	86	27791-05	49	29440-99D	42	33101-03A	103	65430-10	25	94129-09	115
17578-10	95	23727-07A	86	27796-08	49	29441-99A	42	33102-03A	103	65600155	17	94136-09	117
17675-01B	95	23728-07A	86	27797-07	49	29489-99C	41	33103-03A	103	65855-08	31	94141-10	113
17799-11	78	23729-07B	86	27927-07	50	29490-09	40	33104-03	103	65858-08	31	94144-09	114
17900032	96	23893-10A	86	27928-07A	50	29492-99D	68	33137-04	103	66906-10	30	94147-10	117
17900033	96	24004-03B	89	27934-99	51	29493-05	35	34822-08	89	69779-09	99	94419-06	116
17987-98A	97	24017-10	88	28714-10	44	29503-07	45	34823-08	116	69779-09	99	94638-08	116
17997-99A	97	24018-10	88	28715-10	35	29510-05	45	36500020	102	70623-06	84	94648-08	116
18013-03A	94	24100004A	86	28716-10A	34	29515-08	42	37000026	100	70623-11	84	94845-10	113
18209-06	94	24100007	86	28720-10	35	29543-99B	42	37000121	100	80102-97	16	99850-92T	44
18226-03	94	24100011	86	28721-10	40	29567-99	45	37938-08KA	101	80104-99	20	99882-88T	44
18273-00	94	24400001A	87	28722-10	40	29586-06	45	37951-98	101	80366-99	20		
18281-02A	94	24400031	87	28728-10	45	29604-00A	51	37970-03A	101	80412-04	16		
18344-05	94	24400033	87	28739-10	35	29605-00A	51	37976-08A	101	80415-04	16		
18400-03	97	24400099	89	28740-10	35	29619-99	45	37980-10	101	80416-06	16		

TWIN CAM MODELS

103CI RACE KIT	61-62, 64-67
110CI RACE KIT – CVO™	63
113CI RACE KIT	60
120CI RACE EXTREME KIT	59
AIR CLEANERS/COVERS	33-42
BACKPLATE KIT – AIR CLEANER	45
BEARING KITS	88, 89
BIG BORE KITS – RACE-USE	59-68
BIG BORE KITS – STREET-LEGAL	53-56
BURST AIR CLEANER	37
CAM KITS	73-77
CAM PLATE – BILLET	88
CARBURETOR KIT – FLATSLIDE	51
CARBURETOR KITS – CV	50,51
CLUTCH KITS	100-102
COMPENSATOR	102
COMPRESSION RELEASE	84
CRANKCASES	87
CRATE MOTORS – TWIN CAM	105-107
CYLINDER HEAD KIT – FACTORY PORTED	79
CYLINDER HEAD KIT – HURRICANE	78
CYLINDER HEAD KIT – KOMPRESSOR	79
CYLINDER HEAD KIT – MVA	78
CYLINDER STUDS	85
CYLINDERS – BIG BORE	85
DYNOJET® KITS	51
EFI TUNER	70-71
HEAD GASKETS	85
HEAVY BREATHER AIR CLEANER	33-35
INJECTORS – EFI	49
INTAKE MANIFOLDS	46, 47, 50, 51
JIMS® 135/131/120CI TWIN CAM ENGINE	106
K&N® FILTERS	45
LONG BLOCK PROGRAM	109-111
OIL PAN	89
OIL PUMP	88
PISTONS	80-83
PRIMARY CHAIN ADJUSTER	102
PUSHRODS	96-97
ROCKER ARMS/SUPPORTS	95
SE120R RACE ENGINE	105
SHIFT LIGHT	99
SHORT BLOCKS	87
SPARK PLUG WIRES	99
SPARK PLUGS	98
STAGE I 103CI BIG BORE KIT	56
STAGE I 110CI BIG BORE KIT	54
STAGE II 103CI BIG BORE KIT	55, 67-68
STAGE II TC88 TO 95CI BIG BORE KIT	68
STAGE III 103CI BIG BORE KIT	64-66
STAGE III CVO 110CI UPGRADE KIT	63
STAGE IV 103CI BIG BORE KIT	53, 61-62
STAGE IV 113CI BIG BORE KIT	60
STREET TUNER	70-71
STROKER FLYWHEEL KIT	86
SUPER TUNER	70-71
TAPPETS	95
THROTTLE BODIES	46-48
TRANSMISSIONS	102, 103
TWIN CAM ENGINES – COMPLETE	105-107
VALVE SPRING KITS	94
VENTILATOR AIR CLEANER	38-40

EVOLUTION® 1340 MODELS

AIR CLEANER/BREATHING KIT	42
CAM KITS	90
CARBURETOR KITS	51
CLUTCH KITS	100-101
CYLINDER HEAD KIT	91
CYLINDER STUDS	85
DYNOJET KITS	51
INTAKE MANIFOLDS	51
PISTONS	91
PRIMARY CHAIN ADJUSTER	102
PUSHRODS	97
ROCKER ARMS	95
SPARK PLUG WIRES	99
SPARK PLUGS	98
TAPPETS	95
VALVE SPRING KITS	94

SPORTSTER® MODELS

AIR CLEANER KITS	34, 36, 43
BIG BORE KITS – STREET LEGAL	57
BIG BORE KITS – RACE USE	68
CAM KITS	92
CLUTCH KITS	101
CYLINDER HEAD KIT	93
CYLINDER STUDS	85
CYLINDERS – BIG BORE	92
DYNOJET KITS	51
HEAD GASKET	91
HEAVY BREATHER AIR CLEANER	34
K&N FILTERS	45
PISTONS	93
PUSHRODS	97
ROCKER ARMS	95
SHIFT LIGHT	99
SPARK PLUG WIRES	99
SPARK PLUGS	98
STAGE I AIR CLEANER KIT	43
SUPER TUNER	70-71
TAPPETS	95
VALVE SPRING KITS	94

VRSC™ MODELS

AIR CLEANER ELEMENT	42
CAM KITS	48
CLUTCH – SLIPPER	101
CRATE MOTORS – REVOLUTION®	108
EFI THROTTLE BODY	48
INJECTORS – EFI	49
SPARK PLUGS	98
STAGE II KIT	48
SUPER TUNER	70-71

STREET™ MODELS

AIR CLEANER KITS	12
CRATE MOTORS – REVOLUTION X®	108
EXHAUST	13
STAGE I AIR CLEANER KIT	12

EXHAUST

DYNA®	18-21
EXHAUST WRAP	31
SOFTAIL®	22-24
SPORTSTER®	15-17
STREET™	13
TOURING	25-31

SPECIALTY TOOLS

SPECIALTY TOOLS	112-119
-----------------	---------



Harley-Davidson® Parts and Accessories Division, a facility of Harley-Davidson Motor Company, recently achieved certification to its ISO 9001:2008 International Quality Standard registration.

The sale or use of these parts or accessories does not grant the purchaser a license or other right under any Harley-Davidson patent.

IMPORTANT PLEASE READ: We have tried to make this catalog comprehensive and factual. All product descriptions (including depictions, specifications, dimensions, measurements, ratings and competitive comparisons) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. Harley-Davidson may make changes at any time to prices and specifications, and may change or discontinue any of the items depicted in this catalog, without notice and without incurring any obligation.

HEAD PORTING SERVICES: See your dealer for complete Porting Service details. The program is available for new heads removed from new bikes with less than 200 miles only. This is not a refurbish program for old heads or a core-exchange program. You will receive the same heads that were shipped for service. Heads will be disassembled by the Dealer prior to shipping, and heads will be inspected upon receipt. Heads may be rejected and returned based on condition. Porting Service is available to U.S. dealers only.

ATTENTION: Vehicles in the configurations shown and the accessories described in this catalog may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information.

Bar & Shield logo, Destroyer, Deuce, Dyna, Electra Glide, Evolution, Fat Bob, Fat Boy, Harley, Harley-Davidson, HD, H-D, Heritage Softail, Heritage Springer, Huggie, Revolution, Road Glide, Road King, Screamin' Eagle, Softail, Sportster, Springer, Street Bob, Street Glide, Street Rod, Super Glide, SYN3, Twin Cam 88, Twin Cam 88B, Twin Cam 96, Twin Cam 96B, Twin Cam 103, Twin Cam 103B, Twin Cam 110, Twin Cam 110B, Ultra Classic, VRSC, Wide Glide, and the Harley-Davidson Genuine Motor Parts and Genuine Motor Accessories Logo are among the trademarks of H-D U.S.A., LLC.

AHDRA, AMA, Dunlop, Dynojet, FullThrottle, JIMS, NHRA, POWERade, Vance & Hines, Windows, Windows Vista and all other third-party marks are property of their respective owners.



HARLEY-DAVIDSON MOTOR COMPANY 3700 W JUNEAU AVE POST OFFICE BOX 653 MILWAUKEE WI 53208 harley-davidson.com
©2014 H-D OR ITS AFFILIATES. HARLEY-DAVIDSON, H-D, HARLEY, THE BAR & SHIELD LOGO, SCREAMIN' EAGLE, AND THE SCREAMIN' EAGLE LOGO
ARE AMONG THE TRADEMARKS OF H-D U.S.A., LLC. ALL OTHER TRADEMARKS ARE THE PROPERTY OF THEIR RESPECTIVE OWNERS.
PRODUCED IN U.S.A. 94000288



Certified Chain of Custody
Promoting Sustainable Forestry
www.sfi-program.org
SFI-00993