

HARLEY-DAVIDSON®

Screamin' Eagle® Pro Racing Parts

COMPETITION AND PERFORMANCE PARTS
FOR HARLEY-DAVIDSON MOTORCYCLES



Harley-Davidson Motor Co. 3700 West Juneau Avenue Post Office Box 653 Milwaukee, Wisconsin 53208
www.harley-davidson.com



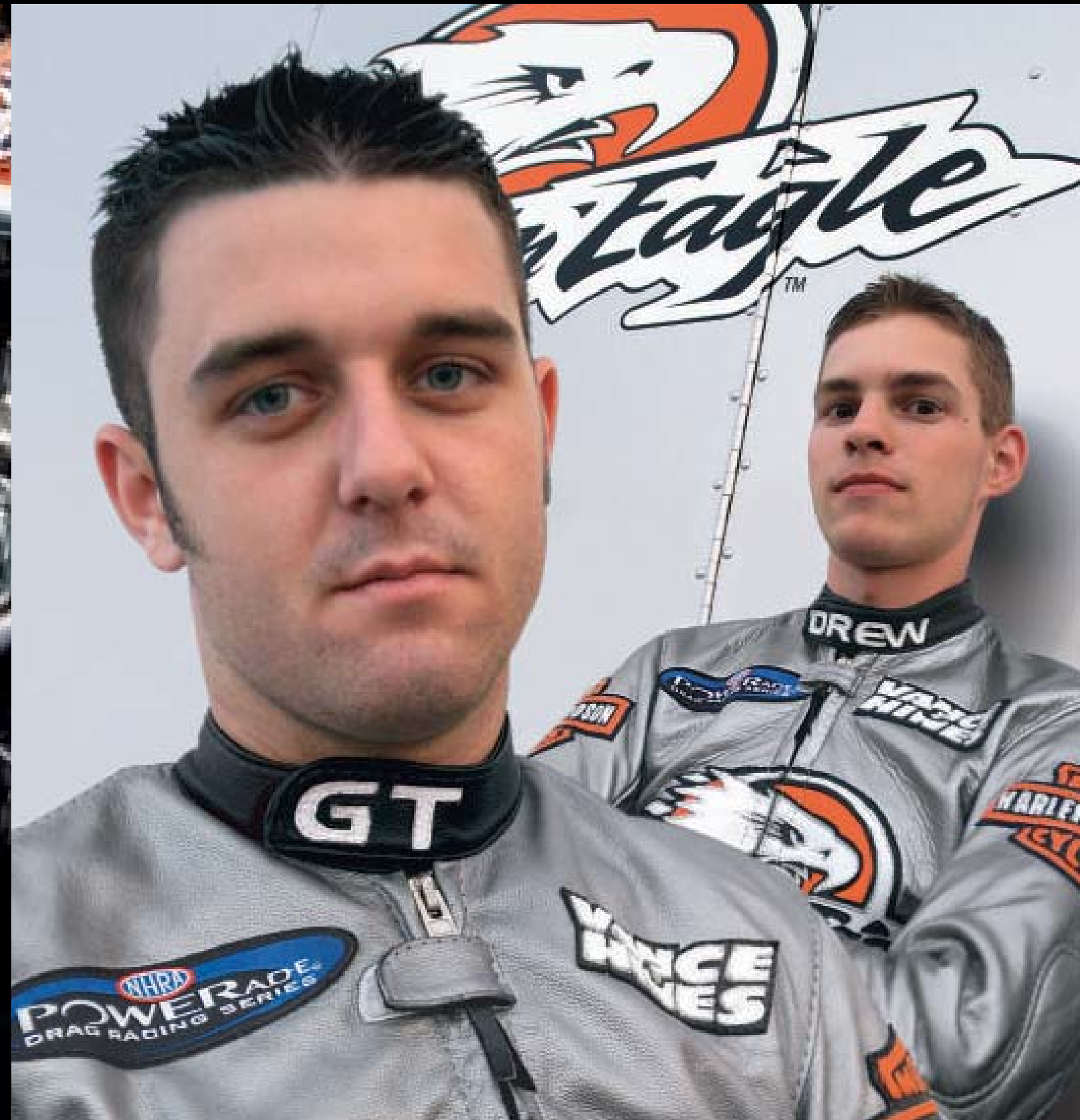
Screamin' Eagle® Pro Racing Parts

Designed to race. Engineered to win.

Premium, professional-grade performance parts and accessories for motorcycle racing rooted in the spirit and heritage of two-wheeled competition.

- 1 Introduction**
- 24 EFI Performance**
- 32 Intake & Carburetion**
- 40 Engine Components**
- 60 Ignition**
- 68 Exhaust**
- 90 Accessories**
- 96 Index**

For more than 90 years, the name Harley-Davidson has been synonymous with innovation and dominance in motorcycle racing. Today, we're proud to continue our long tradition of racing involvement, fielding factory-sponsored teams for AMA flat track and NHRA competition, while also supporting professional dirt track and AHDRA drag racing with direct sponsorship and contingency programs under the Screamin' Eagle banner. Harley-Davidson remains committed to the future of motorcycle racing through our ongoing participation in the sport and the expansion of our Screamin' Eagle® Pro Racing Parts line.



Screamin' Eagle® NHRA® Pro Stock Drag Team

2003 was an historic year for the Screamin' Eagle® Pro Stock Drag Team, as it qualified for the elimination rounds at all 15 NHRA® POWERade® Pro Stock Bike events, reaching the finals and setting new NHRA records in the process. Turning in the best performance by a V-Twin motorcycle in the history of the

NHRA, riders G.T. Tonglet and Andrew Hines both finished the season in the top ten in NHRA points, a Harley-Davidson® first. Look for 2004 to be another year of firsts for the Screamin' Eagle Pro Stock Drag Team. Visit www.nhra.com for more information.

Riders **G.T. Tonglet** (left) and **Andrew Hines** piloted the Screamin' Eagle® Pro Stock Drag Bike into NHRA history in 2003.

Photography courtesy of Randy Anderson





AMA® Flat Track

In 2003, factory Harley-Davidson® rider Rich King completed a season sweep of the prestigious Springfield Mile with a victory in the final event of the 2003 AMA Progressive® Insurance Flat Track Championship. Harley-Davidson helped support other AMA flat track competitors throughout the 2003

season with contingency prize monies for the top ten finishers in Grand National events running Harley-Davidson motorcycles. The goal for 2004: bring home a Grand National championship. For more on AMA Flat Track Racing, log on to 1800flattrack.com.

Harley-Davidson® factory flat track rider **Rich King** (#100) takes the inside line against 2003 Grand National Champion **Chris Carr**.

Photography courtesy of Dave Hoening





Harley-Davidson® Sportster® Performance Series

Established by Harley-Davidson to help riders get a taste of AMA Pro Flat Track Racing without the high costs often involved with competing at that level, the Sportster Performance Series showcases budding flat track talent and classic V-Twin muscle on the Grand National circuit. In 2003, Scott Scherb

took the checkered flag in five of the last six races of the season aboard his Doc's Harley-Davidson/ Nallin Racing-backed 883 Sportster, capturing the Series Championship. Visit 1800flattrack.com for more information.

2003 Sportster® Performance Series National Champion **Scott Scherb (#68N)** on his way to another first-place finish in the dirt.

Photography courtesy of Dave Hoening





AHDRA® Screamin' Eagle® Nitro Harley® Top Fuel Class

One of four AHDRA drag racing classes currently sponsored by Screamin' Eagle, the Nitro Harley Top Fuel Class may be the hottest show on two wheels. Rider Doug Vancil took top honors in 2003 and set a new AHDRA speed record of 222.66 mph. The top 14 Nitro Harley points leaders were

invited to participate in the 2003 NHRA Screamin' Eagle® Nitro Harley Exhibition Tour, which gave these deserving racers the chance to compete next to the biggest names in drag racing at three stops on the NHRA circuit. Get the full story on www.ahdra.com.

2003 AHDRA Screamin' Eagle® Nitro Harley® Top Fuel National Champion **Doug Vancil** warms things up in the burnout box.

Photography courtesy of Mid Coast Studio: Phil Greatorex, photographer





AHDRA® Screamin' Eagle® V-Rod® Class

New for the 2003 AHDRA season, the Screamin' Eagle® V-Rod Class put the blistering performance of the most award-winning motorcycle in Harley-Davidson® history on display for racing enthusiasts across the country. On a Don Tilley-tuned V-Rod, rider Tripp Nobles set the national AHDRA Elapsed

Time (ET) record for the V-Rod Class with a time of 9.38 seconds at 142.3 miles an hour on his way to winning the National and East Coast championship in 2003. See www.ahdra.com for more on AHDRA drag racing.

AHDRA® Screamin' Eagle® V-Rod® Class National Champion **Tripp Nobles** gets the holeshot and the victory in Las Vegas.

Photography courtesy of Mid Coast Studio: Phil Greatorex, photographer





AHDRA® Screamin' Eagle® Performance Parts Class

In 2003, perennial powerhouse Dan DeGood of Mountain Top, PA, scored his first double-class win in AHDRA competition, and won the national championship in the Screamin' Eagle® Performance Parts Class—a favorite among privateer racers. Proving his two-wheeled prowess,

DeGood also finished a close second in the hunt for the 2003 AHDRA Screamin' Eagle® SYN 3 Elapsed Time Class title. Get the inside track at www.ahdra.com.

2003 AHDRA Screamin' Eagle® Performance Parts Class National Champion **Dan DeGood** aboard one of many H-D® motorcycles he races competitively.

Photography courtesy of Claude McKee





AHDRA® Screamin' Eagle® SYN3 Elapsed Time (ET) Class

Winner of the 2003 AHDRA Dedicated Racer of the Year Award, rider John Hendrzak of Creswell, OR, scored his first-ever AHDRA win in 2003, and finished out the season with 835 national points in the Screamin' Eagle®-sponsored SYN3 E.T. Class, bringing home the national championship.

John Hendrzak 2003 AHDRA Screamin' Eagle® SYN3 E.T. Class National Champion

Photography courtesy of Claude McKee



AHDRA® Screamin' Eagle® Las Vegas High Stakes Shootout

Open to all riders with an AHDRA membership and a bike carrying a Harley-Davidson VIN#, the 2nd Annual Screamin' Eagle® High Stakes Shootout drew 150 hopefuls to The Strip at Las Vegas Motor Speedway on October 18, 2003. Dan Norlin of Aurora, CO, won the final and the \$12,000 first-place prize.

Dan Norlin 2003 Screamin' Eagle® High Stakes Shootout Champion

Photography courtesy of Mid Coast Studio:
Phil Greatorex, photographer

2004 Screamin' Eagle® Racing

March 1-3	Gainesville, FL	
March 4	Daytona Beach, FL	
March 18-21	Gainesville, FL	
March 26-28	Phoenix, AZ	
April 1-4	Las Vegas, NV	
April 15-18	Houston, TX	
April 16-18	Dallas, TX	
May 1	San Francisco, CA	
May 1-2	Bakersfield, CA	
May 13-16	Atlanta, GA	
May 20-23	Chicago, IL	
May 22	Union, KY	
May 28-30	Atlanta, GA	
May 29-30	Springfield, IL	
June 10-13	Columbus, OH	
June 11-13	Norwalk, OH	
June 12	Lexington, KY	
June 17-20	Englishtown, NJ	
June 25	Knoxville, TN	
June 26	Lima, OH	
June 25-27	Madison, IL	
June 25-27	Seattle, WA	
July 3	Hartford, OH	
July 16-18	Denver, CO	

July 16-18	Budds Creek, MD	
July 17	Moline, IL	
July 30-August 1	Sonoma, CA	
July 30-31	Brainerd, MN	
July 31	Hagerstown, MD	
August 7	Farley, IA	
August 12-15	Brainerd, MN	
August 13-15	Bristol, TN	
August 22	Peoria, IL	
August 27-29	Woodburn, OR	
August 28	Sedalia, MO	
September 1-6	Indianapolis, IN	
September 4-5	Springfield, IL	
September 10-12	Indianapolis, IN	
September 11	Vernon, NY	
September 16-19	Reading, PA	
September 18	Columbus, OH	
September 24-26	Memphis, TN	
September 24-25	Du Quoin, IL	
September 30-October 3	Joliet, IL	
October 9-10	Rockingham, NC	
October 14-17	Ennis, TX	
October 22-24	Las Vegas, NV	
October 28-31	Las Vegas, NV	
November 11-14	Pomona, CA	



Cheer on the Screamin' Eagle® Pro Stock Team as riders G.T. Tonglet and Andrew Hines continue their high-speed assault on the competition and the NHRA record books. Visit www.nhra.com or call (626) 914-4761 for more information.



AMA FLAT TRACK

Be there when H-D® factory racer Rich King chases the checkered flag in the AMA Progressive® Insurance U.S. Flat Track Championship. And see future flat track stars compete for Grand National eligibility in the Harley-Davidson® Sportster® Performance Series. For details, log on to 1800flattrack.com or call the AMA at (614) 856-1900.



Experience everything drag racing has to offer, whether you're in the stands or cutting the lights. And pay special attention to the four Screamin' Eagle®-sponsored classes. To learn more, visit www.ahdra.com or call (336) 924-2095.



NHRA SCREAMIN' EAGLE®
NITRO HARLEY-DAVIDSON®
EXHIBITION TOUR

Watch the top 14 AHDRA Nitro Harley Top Fuel Class riders showcase their skills on drag racing's biggest stage as a part of a three-stop tour on the NHRA circuit. For more information, visit www.nhra.com or call (626) 914-4761.

Screamin' Eagle® Pro Racing: Information

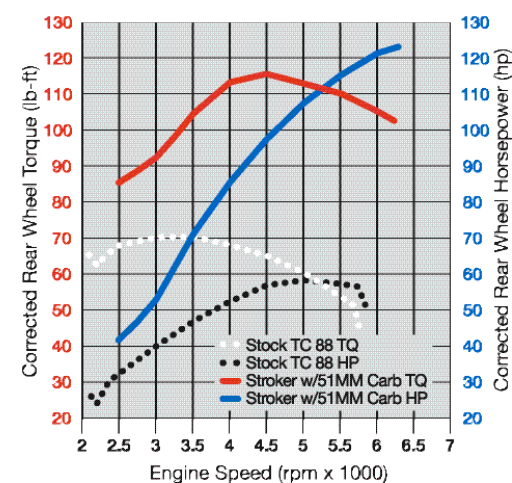
The Power Of Pro Racing
On the track, skill alone isn't enough. You need the right machinery beneath you—parts engineered to deliver the right amount of power right when you need it. At Harley-Davidson®, we've got almost 90 years of racing experience under our belts. And all of that passion and expertise is rolled into every Screamin' Eagle® Pro Racing Part we build. It's a tradition of excellence earned through decades of tuning and sweat in the dealerships, workshops and pits where champions are made. And it'll be right there with you when you twist the throttle.

Horsepower and Torque

While many judge a motorcycle's performance solely in terms of horsepower, torque is an equally, if not more, important factor in the equation. In a nutshell, torque is the twisting force that gets your bike moving, while horsepower is the effort required to keep it moving—meaning that torque influences acceleration and horsepower determines velocity. Your goal should be to reach the balance between horsepower and torque that most closely matches the performance you need. In general, if you're running a lightweight bike, getting more horsepower at a high rpm level is the primary consideration, since you won't need as much accelerating power in the low to mid rpm range. For a heavier bike, generating torque in the low to mid rpm range is essential for getting off the line in a hurry.

The Dyno Chart

Talking about how a configuration can enhance engine performance is one thing, but seeing it is another. That's where dyno charts come in. An invaluable tool in performance modification, dyno charts can directly compare, in visual terms, the performance characteristics of a stock configuration with those of a modified configuration—which can help you decide if a particular set-up will generate the power gains you're after.



The horizontal, or "x," axis indicates engine speed in rpm. The left vertical, or "y," axis shows the amount of torque generated in foot-pounds, while the right y-axis indicates the horsepower produced. There are four curves in all—one for stock torque, one for modified torque, one for stock horsepower and one for modified horsepower. Each curve can tell you how a configuration performs at a specific rpm value or in a specific rpm range. And it can also tell you where in the rpm range the effects really kick-in and where they begin to flatten out.

Warranty and Caution

Harley-Davidson® has the engineering expertise, sophisticated dyno lab, and complete testing facilities to provide racing enthusiasts with a line of performance products designed to produce good, solid, reliable horsepower in their V-Twin engines and exceptional performance on the race track. Engine related performance parts are intended for the Experienced Rider only.

Warranty

Installation of Screamin' Eagle® products, and similar products from other manufacturers, except some street-legal offerings installed by authorized Harley® dealers, may affect your H-D® limited vehicle warranty. See your dealer for more information.

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 US 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. In this Screamin' Eagle section, 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 US EPA guidelines and can lead to substantial fines and penalties.

TWIN CAM 88®
SCREAMIN' EAGLE® CARBURETED
PERFORMANCE CONFIGURATIONS



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.

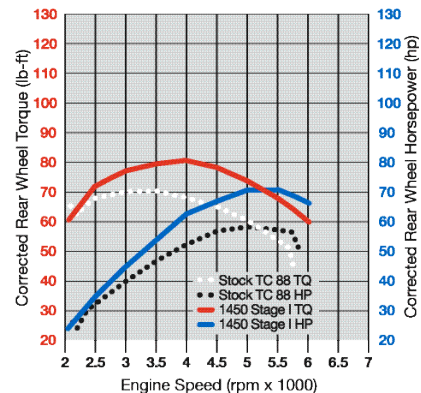
In this Screamin' Eagle section, all engine-related performance parts identified with the crossed flags symbol are intended for racing applications only and are not legal for sale or use in California on pollution-controlled vehicles.

Alterations of emission related components constitutes tampering under the US EPA guidelines and can lead to substantial fines and penalties. These configurations are not legal for sale or use in California on any pollution controlled motor vehicle. Intended for closed course competition only. May void limited vehicle warranty.

Configurations are intended for use with '99-later carbureted Twin Cam 88-equipped Dyna® models with staggered dual exhaust.

To build your own race motor, order each individual component part number within the list.

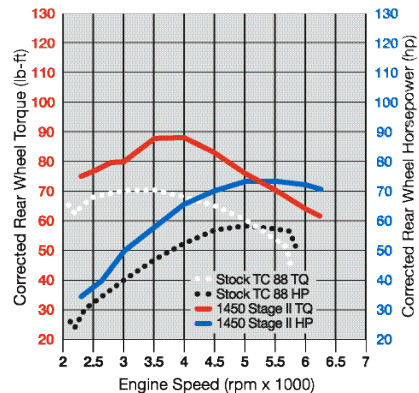
Corrected torque and horsepower measured at rear wheel on a Dynojet® Dynamometer. Your results may vary.



TWIN CAM 1450 STAGE I –
CARBURETED



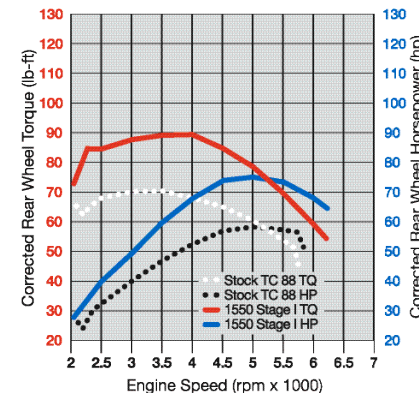
Air Cleaner and Breather Kit	29440-99B
6200 rpm Ignition Kit	31763-04
H-D Touring Mufflers	65259-00



TWIN CAM 1450 STAGE II TORQUE –
CARBURETED



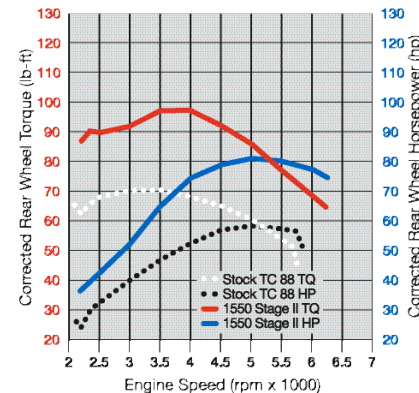
Air Cleaner and Breather Kit	29440-99B
42MM Flatslide Carburetor Kit	29640-99
6200 rpm Ignition Kit	31710-01A
Quick-Install Adjustable Pushrods	17997-99A
SE-203 Cam Kit	25937-99B
Screamin' Eagle Pro II Mufflers	80258-99A



TWIN CAM 1550 STAGE I –
CARBURETED



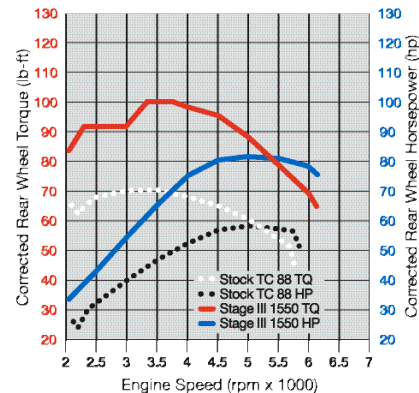
Air Cleaner and Breather Kit	29440-99B
42MM Flatslide Carburetor Kit	29640-99
6200 rpm Ignition Kit	31710-01A
Flat Top Pistons	22851-99A
Big Bore Cylinders	16546-99
Screamin' Eagle Pro II Mufflers	80258-99A



TWIN CAM 1550 STAGE II TORQUE –
CARBURETED



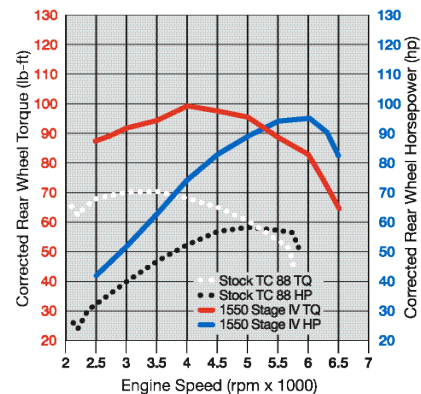
Air Cleaner and Breather Kit	29440-99B
42MM Flatslide Carburetor Kit	29640-99
6200 rpm Ignition Kit	31710-01A
Flat Top Pistons	22851-99A
Big Bore Cylinders	16546-99
Quick-Install Adjustable Pushrods	17997-99A
SE-203 Cam Kit	25937-99B
Screamin' Eagle Pro II Mufflers	80258-99A



TWIN CAM 1550 STAGE III TORQUE –
CARBURETED



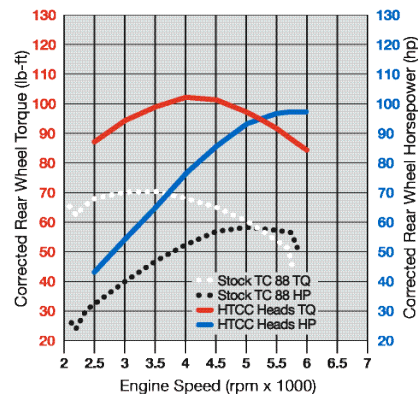
Air Cleaner and Breather Kit	29440-99B
42MM Flatslide Carburetor Kit	29640-99
Big Bore Cylinders	16546-99
Quick-Install Adjustable Pushrods	17997-99A
SE-203 Cam Kit	25937-99B
High Compression Cast Pistons	22661-99A
6200 rpm Race Ignition System	31775-01A
Screamin' Eagle Pro II Mufflers	80258-99A



TWIN CAM 1550 STAGE IV TORQUE –
CARBURETED



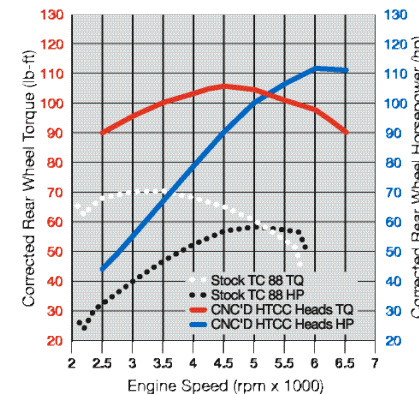
Air Cleaner and Breather Kit	29440-99B
44MM CV Carburetor	27934-99
Big Bore Carburetor Intake Manifold	29635-99
Big Bore Cylinders	16546-99
Twin Cam High Compression Big Bore Forged Pistons	22868-00
Twin Cam Performance Heads	16952-99B
SE-257 Cam	25155-00
Quick-Install Adjustable Pushrods	17997-99A
6200 rpm Race Ignition System	31775-01A
Screamin' Eagle Pro II Mufflers	80258-99A



TWIN CAM 1550 STAGE II WITH HTCC
HEADS – CARBURETED



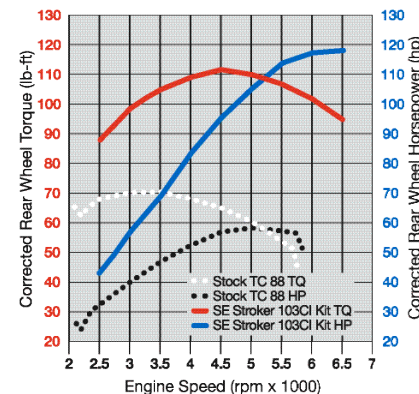
Air Cleaner and Breather Kit	29440-99B
44MM CV Carburetor	27934-99
Big Bore Cylinders	16546-99
HTCC Forged Pistons	22439-00A
HTCC Cylinder Heads	16933-99
HTCC Intake Manifold	29634-00
SE-211 Cam	25152-00
Quick-Install Adjustable Pushrods	17997-99A
6200 rpm Performance Ignition System	31710-01A
Screamin' Eagle Pro II Mufflers	80258-99A



TWIN CAM 1550 WITH HTCC
PORTED HEADS – CARBURETED



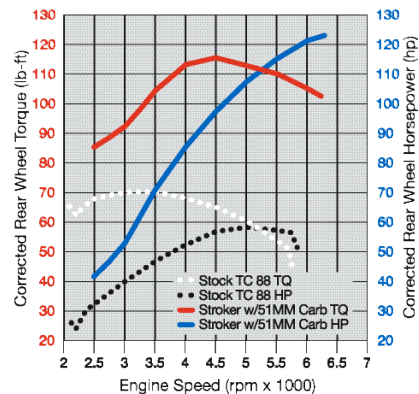
Air Cleaner and Breather Kit	29440-99B
45MM Flatslide Carburetor	28040-02
Big Bore Cylinders	16546-99
Twin Cam HTCC Forged Pistons	22439-00A
CNC Ported HTCC Heads	16925-02A
Big Bore Intake Manifold	29635-99
SE-257 Cam	25155-00
Quick-Install Adjustable Pushrods	17997-99A
Adjustable Map Ignition System	32704-01
Screamin' Eagle Pro II Mufflers	80258-99A



TWIN CAM 103CI STROKER WITH
HTCC PORTED HEADS – CARBURETED



Air Cleaner & Breather Kit	29440-99B
High Tensile Cylinder Stud Kit	16505-01
45MM Flatslide Carburetor	28040-02
Big Bore Carburetor Intake Manifold	29635-99
Flat Top Stroker Pistons	22942-00
Stroker Flywheel And Rod Assembly	23600-00
Big Bore Cylinders	16546-99
CNC Ported HTCC Heads	16925-02A
SE-260 Cam Kit	25122-02
Quick-Install Pushrod Kit	17997-99A
Adjustable Map Ignition	32704-01
Compression Release	29298-02
Bearing Assembly	24004-03
Screamin' Eagle Pro II Mufflers	80258-99A



TWIN CAM 103CI STROKER WITH HTCC
PORTED HEADS AND 51MM CARB



51MM CV Carburetor Kit	27926-02
Stroker Flywheel And Rod Assembly	23703-02
HTCC Stroker Pistons	22444-02
Big Bore Cylinders	16546-99
CNC Ported HTCC Heads	16925-02A
High Tensile Cylinder Stud Kit	16505-01
SE-260 Cam Kit	25122-02
Quick-Install Pushrod Kit	17997-99A
Race Ignition System	31775-01A
Exhaust Disc Kit	80110-03
Big Bore High Performance Head Gasket Kit	16101-01
Compression Release	29298-02
Bearing Assembly	24004-03
2 into 1 Tunable Exhaust System	80093-03

EVOLUTION® 1340/SPORTSTER®
SCREAMIN' EAGLE® CARBURETED
PERFORMANCE CONFIGURATIONS



CROSSED FLAGS:

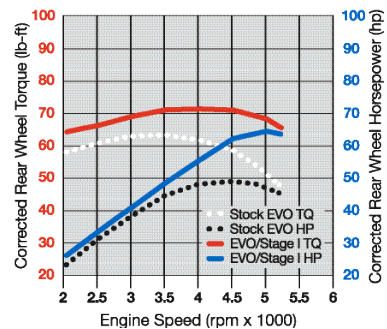
Harley-Davidson® motorcycles modified with some (Screamin' Eagle) performance engine parts must not be used on public roads and in some cases may be restricted to closed-course competition.

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To build your own race motor, order each individual component part number within the list.

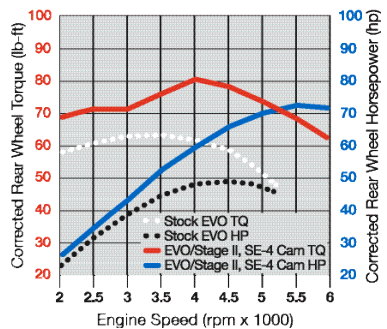
Corrected torque and horsepower measured at rear wheel on a Dynojet® Dynamometer. Your results may vary.



EVOLUTION 1340
STAGE I – CARBURETED



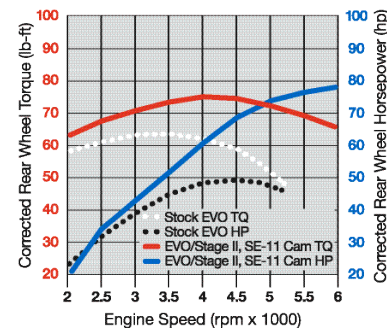
Air Cleaner and Breather Kit	29543-99B
Dynojet Kit	29045-97A
Slip-Fit Mufflers	(see exhaust pages)



EVOLUTION® 1340 STAGE II –
CARBURETED: TORQUE



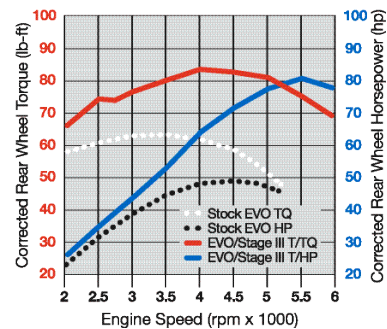
Air Cleaner and Breather Kit	29543-99B
Dynojet Thunderslide Kit	29935-98
SE-4 Bolt-In Camshaft	25752-97
Ignition Module	32630-96
Performance Coil	31653-97
Spark Plugs	32326-91
Slip-Fit Mufflers	(see exhaust pages)



EVOLUTION 1340 STAGE II –
CARBURETED: HORSEPOWER



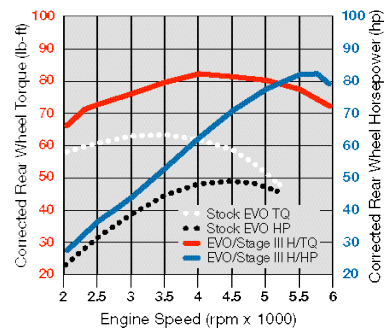
Air Cleaner and Breather Kit	29543-99B
Dynojet Thunderslide Kit	29935-98
SE-11 Bolt-In Camshaft	25753-97
Ignition Module	32630-96
Performance Coil	31653-97
Spark Plugs	32326-91
Slip-Fit Mufflers	(see exhaust pages)



EVOLUTION 1340 STAGE III –
CARBURETED: TORQUE



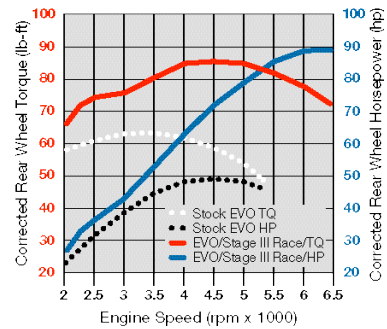
Air Cleaner and Breather Kit	29543-99B
Dynojet Thunderslide Kit	29935-98
SE-4 Bolt-In Camshaft	25752-97
Forged 10.2:1 Pistons	22195-98
Ignition Module	32630-96
Performance Coil	31563-97
Spark Plugs	32327-91
Slip-Fit Mufflers	(see exhaust pages)



EVOLUTION 1340 STAGE III –
CARBURETED: HORSEPOWER



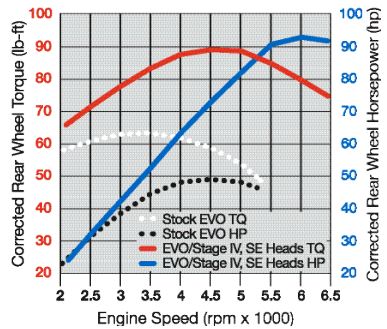
Air Cleaner and Breather Kit	29543-99B
Dynojet Thunderslide Kit	29935-98
SE-11 Bolt-In Camshaft	25753-97
Forged 10.2:1 Pistons	22195-98
Ignition Module	32630-96
Performance Coil	31563-97
Spark Plugs	32327-91
Slip-Fit Mufflers	(see exhaust pages)



EVOLUTION 1340 STAGE III –
CARBURETED: FULL RACE



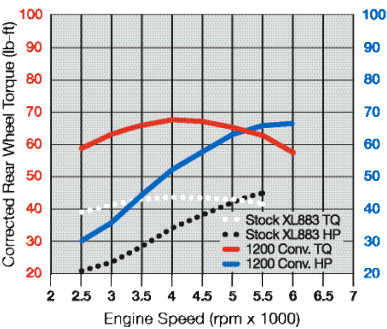
Big Bore 44MM CV Carb Kit	27934-99
Air Cleaner and Breather Kit	29543-99A
Big Bore Intake Manifold	29636-99
SE-57 Camshaft	25754-97
Performance Valve Springs	18223-98
Roller Rocker Arms	17378-98
Chrome Moly Adjustable Pushrods	17900-87
Forged 10.2:1 Pistons	22195-98
Selectable Curve Ignition Module	32654-98
Performance Coil	31653-97
Spark Plugs	32327-91
Slip-Fit Mufflers	(see exhaust pages)



EVOLUTION 1340 STAGE IV –
CARBURETED: ELIMINATOR



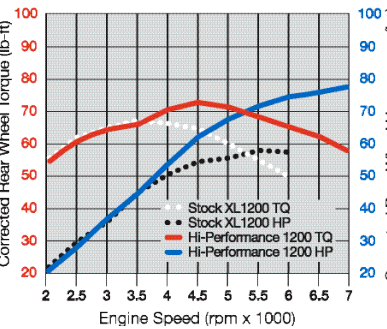
Evolution 1340 Cylinder Heads (black)	16854-98A
Forged 10.5:1 Pistons	22766-98
Big Bore 44MM CV Carb Kit	27934-99
Air Cleaner and Breather Kit	29543-99A
Big Bore Intake Manifold	29636-99
SE-57 Camshaft	25754-97
Roller Rocker Arms	17378-98
Tappets and Guides Kit	18572-98
Quick Install Adjustable Pushrods	17987-98A
Selectable Curve Ignition Module	32654-98
Performance Coil	31653-97
Spark Plugs	32321-91
Slip-Fit Mufflers	(see exhaust pages)



'04 XL883 STOCK VS.
1200 CONVERSION



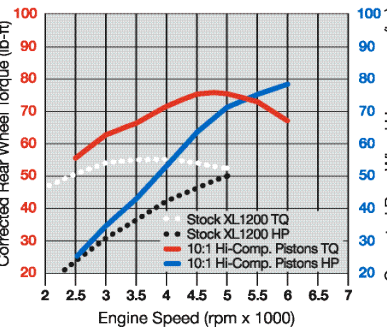
Hi-Compression XL883 to 1200 Conversion Piston Kit	22698-01
1200 Cylinders	16954-02
High-Flow Air Cleaner Kit	29042-04
44MM CV Carburetor	27934-04
44MM CV Intake Manifold	27689-04
Performance Cam	25197-04
Performance Ignition	31758-04
Screamin' Eagle Pro II Muffler	80415-04



'04 XL1200 STOCK VS.
STAGE II CARBURETED



High-Flow Air Cleaner Kit	29042-04
44MM CV Carburetor	27934-99
44MM CV Intake Manifold	27689-04
Performance Cam	25197-04
Performance Ignition	31759-04
Screamin' Eagle Pro II Muffler	80415-04



XL1200 STOCK VS.
10:1 HIGH COMPRESSION PISTONS



High Flow Air Cleaner Kit	29041-88B
10:1 Pistons, Pins and Clips	22694-01
Big Bore 44MM CV Carburetor	27934-99
44MM CV Carburetor Intake Manifold	27644-00
Adjustable Ignition System	32942-02
High Performance Cam Kit	25647-91A
Screamin' Eagle Pro II+ Mufflers	80217-02
Billet Style End Caps	65147-02

EFI Performance

INJECT SOME MUSCLE

Despite what you may be thinking, Electronic Fuel Injection (EFI) isn't as complicated as it sounds. On the race track, you need to move more air and more fuel through the engine. And with Screamin' Eagle® Pro Racing Parts, you have a wide range of options that allow you to produce the specific kind of track performance you're looking for.

EFI BASICS

First offered on a Harley-Davidson® motorcycle in 1995, electronic fuel injection now comes standard or as an option on 19 of the 23 models in the 2004 line-up. Unlike a carbureted model, in which the fuel and air mixture delivered to the engine cylinder's combustion chamber is regulated mechanically through jetting, a motorcycle equipped with electronic fuel injection relies on a special processor called an Electronic Control Module (ECM) to determine the precise moment at which fuel should be released into the combustion chamber to optimize engine performance. This means that if any trackside

change is made to the engine and/or intake and exhaust systems of an EFI-equipped Harley®, its ECM must be recalibrated to maximize performance and prevent serious engine damage. Whenever you're planning or making performance upgrades, make sure to consult a true expert, your Harley-Davidson dealer, about the results you want to achieve and the best way to way achieve them.

STAGE KITS

Developed specifically for fuel-injected Harley-Davidson® motorcycles, Screamin' Eagle® Pro EFI Stage Kits offer complete, pre-packaged 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 racing

performance modifications, Stage Kits include everything you need to enhance your bike's on-track performance, including big-bore cylinders, high-compression pistons, racing cams and high-flow air cleaners. Always consult with your dealer about any Stage Kit-related modifications.

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. Although a carburetor can be tuned for three different engine speeds—idle, low and high—it's still a mechanical system that lacks the precision and flexibility allowed by EFI technology, and it also requires constant manual readjustment depending on racing and track conditions. EFI systems enable you to make fuel flow and ignition timing changes electronically—trackside or in the pits. A self-contained unit that requires no computer interface, the Screamin' Eagle® Pro Race Fueler allows quick tuning of fuel flow on your EFI-equipped bike for high-

volume, performance intake and exhaust systems. Offering the ultimate in EFI performance tuning, the Screamin' Eagle Pro Race Tuner Kit provides tools with which you can edit up to nine different ECM tuning tables that affect not only fuel delivery, but also spark timing using your personal computer. In Tuning Mode, you can alter specific variables in your EFI system, while Data Mode enables you to record and display real-time vehicle data, after which your computer can graphically represent the results of the tuning changes you've made on screen. The Race Tuner Kit software also includes a variety of pre-tuned Screamin' Eagle calibrations for race use that can be saved and loaded into your ECM.



SCREAMIN' EAGLE® PRO EFI STAGE II
BIG BORE KIT COMPONENTS

SCREAMIN' EAGLE® PRO
43MM EFI INDUCTION MODULE

SCREAMIN' EAGLE® PRO
EFI RACE TUNER KIT

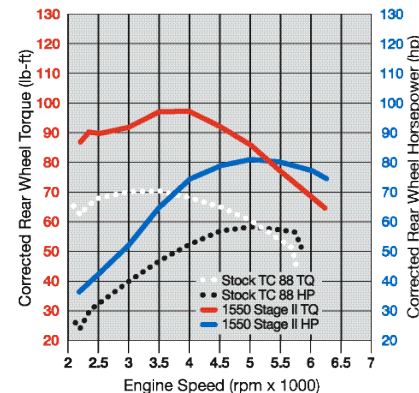
SCREAMIN' EAGLE® CUSTOM CALIBRATIONS FOR YOUR EFI VEHICLE – BIG TWIN ❄️❄️

MODEL NAME	CALIBRATION NAME	KIT / CONFIGURATION REQUIRED
'01-'04 Dyna & Softail®	1550 Stage II with or without Performance Heads	Stage II Big Bore Kit P/N 29775-02A, Performance Heads P/N 16952-99B or 16953-99B, and Screamin' Eagle Pro II Slip-fit Mufflers
	1550 Stage II (for FLSTSI only)	Stage II Big Bore Kit P/N 29775-02A and Slip-fit Mufflers P/N 65116-98A
	1550 High Output	1550 Big Bore Cylinders P/N 16546-99 or 16549-99, SE-257 Cam P/N 25155-00, Air Cleaner P/N 29440-99B, Performance Heads P/N 16952-99B or 16953-99B, High-Compression Forged Pistons P/N 22868-00, and Screamin' Eagle Pro II Slip-fit Mufflers (65116-98A for FLSTS models only)
	103 CI Stroker High Output	103 CI Stroker Flywheels P/N 23703-02, 1550 Big Bore Cylinders P/N 16546-99 or 16549-99, Stroker Forged Pistons P/N 22942-00, SE-258 Cam P/N 25137-00, Air Cleaner P/N 29440-99B, Performance Heads P/N 16952-99B or 16953-99B, and Slip-fit Mufflers
'02-'04 Touring	1550 Stage II	Stage II Big Bore Kit P/N 29775-02A and Slip-fit Mufflers P/N 65115-98B
	1550 Stage II with Performance heads	Stage II Big Bore Kit P/N 29775-02A, Performance Heads P/N 16952-99B or 16953-99B, and Slip-fit Mufflers P/N 65115-98B
	1550 High Output	1550 Big Bore Cylinders P/N 16546-99 or 16549-99, SE-257 Cam P/N 25155-00, Air Cleaner P/N 29440-99B, Performance Heads P/N 16952-99B or 16953-99B, High-Compression Forged Pistons P/N 22868-00, and Slip-fit Mufflers P/N 65115-98B
	103 CI Stroker High Output	103 CI Stroker Flywheels P/N 23600-00, 1550 Big Bore Cylinders P/N 16546-99 or 16549-99, Stroker Forged Pistons P/N 22942-00, SE-258 Cam P/N 25137-00, Air Cleaner P/N 29440-99B, Performance Heads P/N 16952-99B or 16953-99B, and Slip-fit Mufflers P/N 65115-98B
	103 CI Stage I Race (2003 FLHRSE® or 2004 FLHTCSE)	Air Cleaner P/N 29440-99B Slip-fit Mufflers P/N 65115-98B
'99-'01 Touring	1550 Stage II	Stage II Big Bore Kit P/N 29492-99C and Slip-fit Mufflers P/N 65115-98B
	1550 High Output	1550 Big Bore Cylinders P/N 16546-99 or 16549-99, SE-257 Cam P/N 25155-00, Air Cleaner P/N 29440-99B, Performance Heads P/N 16952-99B or 16953-99B, High-Compression Forged Pistons P/N 22868-00 and Slip-fit Mufflers P/N 65115-98B
	103 CI Stroker with 43MM Induction Module	103 CI Stroker Flywheels P/N 23600-00, 1550 Big Bore Cylinders P/N 16546-99 or 16549-99, Stroker Forged Pistons P/N 22942-00, 43MM Induction Module P/N27615-00, SE-258 Cam P/N 25137-00, Performance Heads P/N 16952-99B or 16953-99B, and Slip-fit Mufflers P/N 65115-98B
'95-'98 Touring (EVO)	Stage II	Stage II Kit P/N 29934-97B and Performance Mufflers P/N 65259-00
	Stage II High Compression	Stage II Kit P/N 29934-97B with raised compression (up to 10.2:1) and Performance Mufflers P/N 65259-00
	Stage II with Screamin' Eagle Heads	Stage II Kit P/N 29934-97B, Evolution® Heads P/N 16851-98A, 16854-98A, or 16976-99A, and Performance Mufflers P/N 65259-00
	43MM Induction Module High Output	43MM Induction Module P/N 27941-00, Evolution Heads P/N 16851-98A, 16854-98A, or 16976-99A, High-Compression Pistons P/N 22766-98, SE-57 Cam P/N 25754-97 and Performance Mufflers P/N 65259-00

SCREAMIN' EAGLE® CUSTOM CALIBRATIONS FOR YOUR EFI VEHICLE – V-ROD® ❄️❄️

MODEL NAME	CALIBRATION NAME	KIT / CONFIGURATION REQUIRED
'04-later VRSCA (DOMESTIC)	Performance Slip-fit Muffler	Slip-fit Muffler Kit P/N 65030-02
	16 Gauge Double Barrel Muffler Kit	Performance Air Cleaner P/N 29793-02 16 Gauge Double Barrel Muffler Kit P/N 64798-02 Performance Air Cleaner P/N 29793-02
'02-'03 VRSCA (DOMESTIC)	28 Tooth Sprocket Kit	28 Tooth Sprocket Kit P/N 40014-04K Stock Exhaust Stock Air Cleaner
	Performance Slip-fit Muffler	Slip-fit Muffler Kit P/N 65030-02 Performance Air Cleaner P/N 29793-02
	16 Gauge Double Barrel Muffler Kit	16 Gauge Double Barrel Muffler Kit P/N 64798-02 Performance Air Cleaner P/N 29793-02
	Performance Slip-fit Muffler and 28 Tooth Sprocket Kit	Slip-fit Muffler Kit P/N 65030-02 Performance Air Cleaner P/N 29793-02 28 Tooth Sprocket Kit P/N 40014-04K
	16 Gauge Double Barrel Muffler and 28 Tooth Sprocket Kit	16 Gauge Double Barrel Muffler Kit P/N 64798-02 Performance Air Cleaner P/N 29793-02 28 Tooth Sprocket Kit P/N 40014-04K
'02-'04 VRSCA (HDI)	Performance Slip-fit Muffler	Slip-fit Muffler Kit P/N 65030-02 Performance Air Cleaner P/N 29793-02
	16 Gauge Double Barrel Muffler Kit	16 Gauge Double Barrel Muffler Kit P/N 64798-02 Performance Air Cleaner P/N 29793-02
	Performance Slip-fit Muffler and 28 Tooth Sprocket Kit ('02 & '03 only)	Slip-fit Muffler Kit P/N 65030-02 Performance Air Cleaner P/N 29793-02 28 Tooth Sprocket Kit P/N 40008-04K

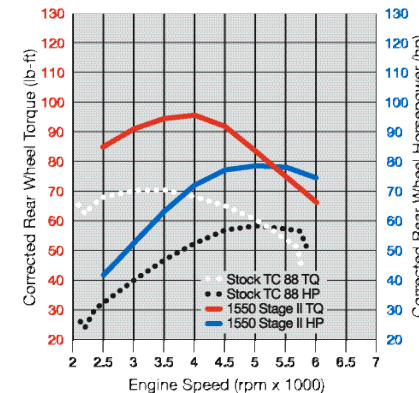
V-Rod calibrations listed can be used with or without airbox lid. Removing lid will increase horsepower output. Dealer modification required.



EFI TWIN CAM 88 STOCK VS. 1550 STAGE II KIT



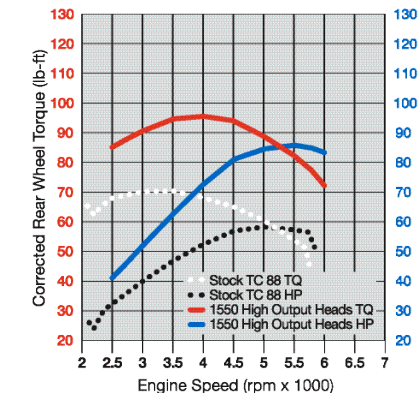
Big-Bore Stage II Kit	29914-01
Slip-fit Mufflers	65115-98B



EFI TWIN CAM 88 STOCK VS. 1550 STAGE II KIT WITH HEADS



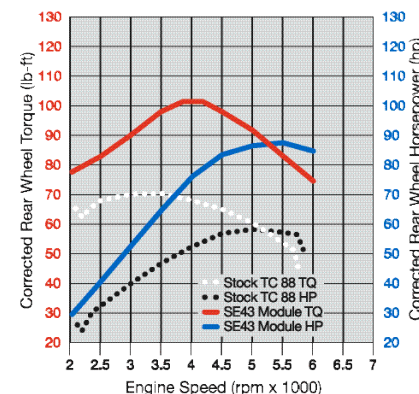
Big-Bore Stage II Kit	29914-01
Twin Cam Performance Heads	16952-99A
Calibration Cartridge	32103-01
Slip-Fit Mufflers	80349-00A



EFI TWIN CAM 88 STOCK VS. 1550 HIGH OUTPUT



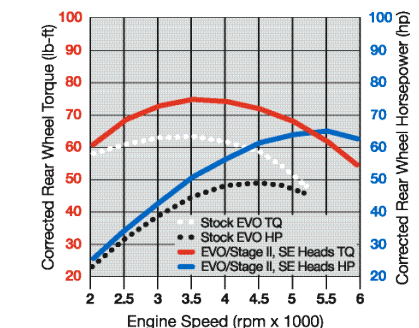
Air Cleaner and Breather Kit	29440-99A
Big Bore Cylinders	16549-99
Quick-Install Adjustable Pushrods	17997-99A
SE-257 Cam Kit	25155-00
Twin Cam High Compression Big Bore Forged Pistons	22868-00
Twin Cam Performance Heads	16952-99A
Calibration Cartridge	32109-01
Slip-Fit Mufflers	80349-00A*



EFI TWIN CAM 88 STOCK VS. 103 C.I. WITH 43MM INDUCTION MODULE



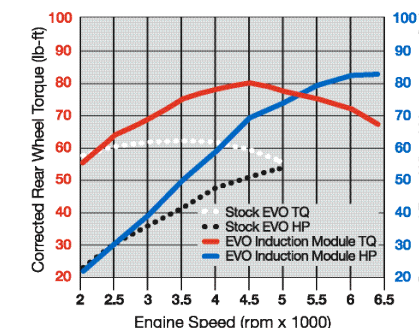
103 CI Stroker Flywheels	23600-00
1550 Big Bore Cylinders	16546-99
Stroker Forged Pistons	22942-00
43MM Induction Module	27615-00
SE-258 Cam	25137-00
Performance Heads	16952-99A
Slip-fit Mufflers	65115-98B



EFI EVOLUTION 1340 STAGE II WITH HEADS



EVO Stage II EFI Kit	29934-97B
Evolution 1340 Cylinder Heads	16854-98A
Calibration Cartridge	32452-00
Performance Mufflers	65115-98B



EFI EVOLUTION 1340 WITH 43MM INDUCTION MODULE AND HEADS



43MM Induction Module	27941-00
Evolution 1340 Cylinder Heads (silver)	16851-98A
High Compression Pistons	22766-98
SE-57 Cam	25754-97
Performance Mufflers	65259-00

A. SCREAMIN' EAGLE® PRO BIG BORE STAGE II KIT FOR EFI MODELS

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 Twin Cam 88® from 88 cubic inches (1450cc) to 95 cubic inches (1550cc). Includes Stage II (SE203) cams, cylinders, pistons, clips, air cleaner and breather, high performance clutch spring, hardware and gaskets. Cam Spacer Kit P/N 25938-00 is recommended. This kit contains an assortment of 5 different spacers to achieve proper sprocket alignment. Individual spacers can be purchased separately. Requires separate purchase of primary cover gasket. (Not all components shown.) **For race application only.**

29859-04 Silver.
Fits '01-later EFI Softail® models,
'02-later EFI Touring models
and '04-later EFI Dyna models. **\$809.95**
Required ECM Calibration.* **\$149.95**
Total Package Price. **\$959.90**

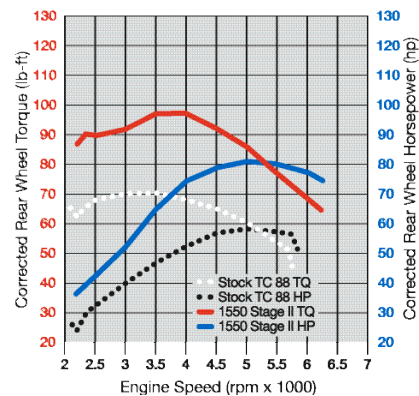
29775-02A Black.
Fits '01-later EFI Softail® models,
'02-later EFI Touring models
and '04-later EFI Dyna models. **\$809.95**
Required ECM Calibration.* **\$149.95**
Total Package Price. **\$959.90**

29492-99C Black.
Fits '99-'01 fuel-injected
Touring models. '99 models
require Splined Cam Sprocket
P/N 25716-99. (not shown) **\$809.95**
Required ECM Calibration.* **\$149.95**
Total Package Price. **\$959.90**

*Recalibration is required for proper installation, and will allow engine to rev to 6200 RPM. See dealer for details. Labor cost not included.

NOTE: Refer to the Screamin' Eagle Custom Calibration Matrix on page 26 to determine which Screamin' Eagle Mufflers are applicable for EFI Stage Kits. Failure to use the designated muffler may lead to driveability issues.

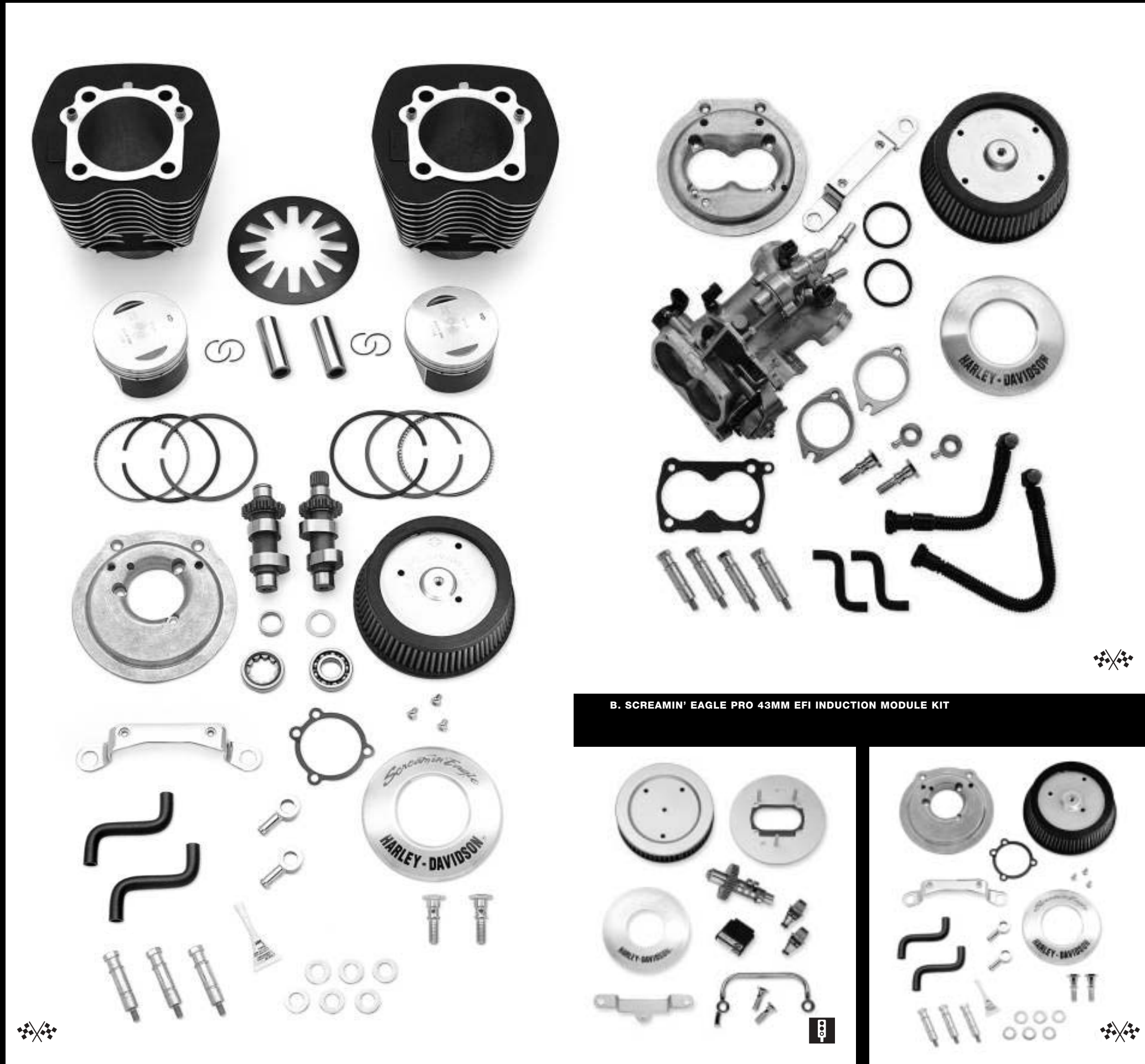
TWIN CAM 88 STOCK VS. 1550 STAGE II KIT
(Touring model with 29775-02A shown)



Corrected torque and horsepower measured at rear wheel on a Dynojet® chassis Dynamometer. Your results may vary.

CAUTION: Harley-Davidson® EFI systems will not compensate for any component changes. Do not mill heads or increase compression in any way. Do not use cams other than those supplied in the kit. Do not change kit components. Failure to comply may result in engine damage.

CAUTION: Dealer installation required – failure to comply may result in a lean fuel condition and severe engine damage.



A. SCREAMIN' EAGLE PRO BIG BORE STAGE II KIT FOR EFI MODELS

B. SCREAMIN' EAGLE PRO 43MM EFI INDUCTION MODULE KIT



C. SCREAMIN' EAGLE EVOLUTION 1340 EFI STAGE II PERFORMANCE KIT



D. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KITS FOR TWIN CAM EQUIPPED MODELS

B. SCREAMIN' EAGLE® PRO 43MM EFI INDUCTION MODULE KIT

This larger bore (43mm versus 38mm stock) induction module is designed to flow more air and fuel to support high-revving, high horsepower race-use engines, and works in conjunction with Stroker Flywheels, Screamin' Eagle Twin Cam performance heads, SE257 cams, and 10.5:1 compression ratio Big Bore pistons. The module houses 2 fuel injectors, that are targeted directly at the intake valves for precise fuel delivery. These injectors utilize the same advance technology and design as found in today's Original Equipment EFI system. Kit includes the induction module, fuel lines, and unique Screamin' Eagle high flow air cleaner and breather. Requires ECM recalibration. **For race application only.**

27615-00 Fits '99-'01 Twin Cam EFI Touring models. '99 models also require (2) fuel tank adapters, P/N 62026-00. Sold separately. **\$ 999.95**
Required ECM Calibration.* **\$ 149.95**
Total Package Price. **\$1,149.90**

27941-00 Fits '95-'98 Evolution® 1340-equipped EFI models. '95-'96 models require installation of ECM P/N 32423-97B to allow required recalibration. Sold Separately. **\$1,039.95**
Required ECM Calibration.** **\$ 149.95**
Total Package Price. **\$1,189.90**

*Recalibration is required for proper installation, and will allow engine to rev to 6200 RPM. See dealer for details. Labor cost not included.

SCREAMIN' EAGLE PRO EFI INDUCTION MODULE FUEL TANK ADAPTER (not shown)
Sold individually, two are required for installation.

62026-00 Required for installation of Screamin' Eagle EFI Induction Module P/N 27615-00 on '99 Twin Cam-equipped models. **\$19.95**

SCREAMIN' EAGLE PRO EFI INDUCTION MODULE REBUILD KIT (not shown)
This rebuild kit includes the proper O-rings, washers and retainers required to rebuild the Screamin' Eagle Induction Module. **For race application only.**

27500-01 Fits Screamin' Eagle Induction Module P/N 27615-00 or 27941-00. **\$44.95**

C. SCREAMIN' EAGLE EVOLUTION 1340 EFI STAGE II PERFORMANCE KIT

This 50-state legal kit increases torque over 15% at 4000 RPM with a peak horsepower increase of over 20% percent. Stage II Kit includes air cleaner and breather kit, unique cam shaft (SE3), larger capacity (41%) high flow fuel injectors, and all required hardware.

29934-97B Fits '97-'98 Evolution 1340-equipped EFI models only. Also fits '95-'96 Evolution 1340-equipped EFI models when used with ECM P/N 32423-97B. (Does not fit Twin Cam 88-equipped models.) **\$389.95**
Required ECM Calibration.* **\$149.95**
Total Package Price. **\$539.90**

*Recalibration is required for proper installation, and will allow engine to rev to 6000 RPM. See dealer for details. Labor cost not included.

CAUTION: Harley-Davidson EFI systems will not compensate for any component changes. Do not mill heads or increase compression in any way. Do not use any camshaft other than the one supplied in the kit. Failure to comply may result in engine damage.

D. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KITS FOR TWIN CAM EQUIPPED MODELS

These kits are designed to provide large volumes of clean, stable air to the engine. The die-cast backplate and high-flow, oiled, washable air filter provide superior form & function. The crankcase breather system now utilizes individual breather hoses that direct the breather gases directly 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. **For race application only.**

29440-99B Fits all '99-later Dyna, '00-later Softail®, '99-later Touring models (except '99-'01 EFI) with EFI, or stock, Screamin' Eagle Flatslide, or Screamin' Eagle CV carburetors (except CV51 Super Bore). **\$139.95**

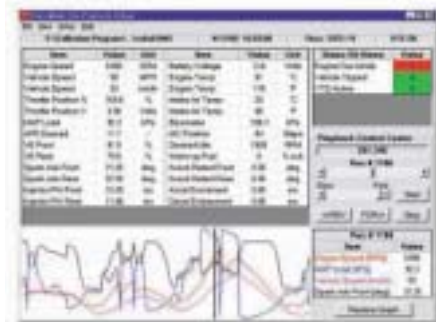
29441-99A Fits '99-'01 EFI Touring models. (not shown) **\$139.95**

CAUTION: 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.

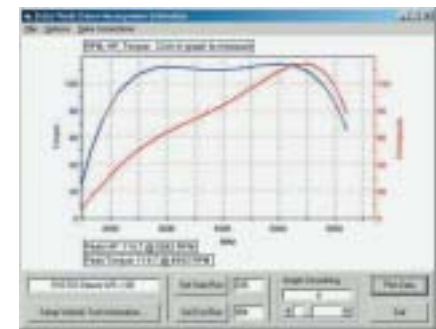
A. SCREAMIN' EAGLE® PRO EFI RACE TUNER

Updated to include '04 models, V-Rod® tuning capabilities and calibrations for 103 CI Stroker engines. This race-use only software package is a great product for making tuning adjustments to your fuel-injected Harley-Davidson® racer and has much greater capabilities than most competitive EFI tuning products. The EFI Race Tuner software is divided into two modes. Tuning Mode, which allows you to tune certain variables of the EFI system, and Data Mode, which can record and display real-time vehicle data. It can then graphically represent the tuning changes that have been made. This is exactly what racers of EFI-equipped Harley-Davidson® motorcycles have been asking for...a way to tune their vehicle for ever-changing track conditions and performance product combinations. Data Mode can even produce horsepower and torque charts and multiple speed-to-distance estimates based upon the recorded data from your last run down the drag strip. The software is capable of monitoring up to 28 variables and with such sophistication, it is the ultimate tool for tuning and gaining that edge on the track. Performance is the key and this product comes complete with many race-use Screamin' Eagle calibrations, which may be downloaded and tuned to maximize the horsepower and torque of your EFI racer. The complete kit includes the tuning software on a CD, a communications interface that electronically locks to the ECM, and the required cables to connect to a PC and the vehicle. The software also contains an electronic *User's Manual* that explains the Harley-Davidson EFI system and the EFI Race Tuner's capabilities. This manual can be referred to as you are tuning on the track or in the pits. Installation and effective tuning requires a high degree of skill and therefore dealer installation is required. Minimum PC requirements are Windows 98, CD-ROM drive, serial port, 32 MB RAM, and 10 MB hard drive space. **For race application only.**

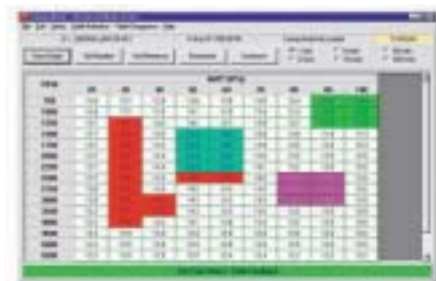
32107-01B Fits '01-later EFI Softail® models, '02-later EFI Touring models, '04-later EFI Dyna and '02-later VRSC models. **\$459.95**



Data Mode Screen



Horsepower Screen



Air/Fuel Ratio Screen



A. SCREAMIN' EAGLE PRO EFI RACE TUNER



A. SCREAMIN' EAGLE PRO EFI RACE TUNER

B. SCREAMIN' EAGLE® PRO EFI RACE FUELER

Tune the fuel flow on your EFI bike. The tuner can electronically add fuel in much the same manner as increasing jet size on a carbureted system. It allows for quick tuning for the addition of less restrictive, free flowing intake and exhaust systems. The Fueler offers "bands" of adjustment that take into account operating ranges, such as idle, acceleration, and steady speed. The Fueler is a self-contained unit that requires no computer interface. Adjustments are made by setting fuel, RPM and accelerator pump potentiometers, with changes monitored on LED indicators. The compact unit is designed for "plug-in" installation, and the small size allows the Fueler to remain on the bike for convenient tuning. Tuner affects fuel delivery only and can not change rev limit or spark timing. **For race application only.**

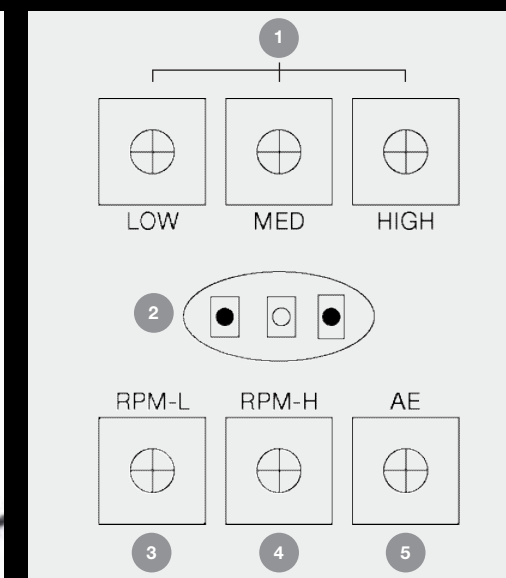
32132-04 Fits '01-later EFI Softail® models, '02-later EFI Touring models, '04 EFI Dyna models and '02-later V-Rod® models. **\$224.95**



B. SCREAMIN' EAGLE PRO EFI RACE FUELER



B. SCREAMIN' EAGLE PRO EFI RACE FUELER



RACE FUELER ADJUSTMENTS

- 1 Low, Mid and High Range Fuel Potentiometer.
- 2 Low, Mid and High Range LED Indicators.
- 3 Mid to Mid RPM Range Potentiometer.
- 4 Mid to High RPM Range Potentiometer.
- 5 Accelerator Pump Output Potentiometer.

Intake & Carburetion

TAKE A DEEP BREATH

To increase your engine's on-track power, one of the first steps is raising air and fuel flow—which can be as simple as installing a Screamin' Eagle® Pro Racing Parts high-flow air cleaner kit or a full-blown, big bore carburetor.

INTAKE BASICS

If we view your race engine as an air pump, you can increase its power by increasing the amount of air that is moved through it. Also called "induction", intake refers to the system that moves air—and then fuel—into your engine. In a carbureted motorcycle, the intake system consists of an air cleaner, a carburetor and an intake manifold. An easy way to increase your race bike engine's intake is with the addition of a less-restrictive air cleaner, which will let air flow more freely into the system. Screamin' Eagle® offers a variety of air cleaner options with matching backplates to provide smooth, unobstructed airflow.

CARBURETION BASICS

There is a point at which incoming air is mixed with fuel to create a mixture that is ultimately burned by your engine. This mixture is created inside the carburetor, whose job it is to regulate the amount of fuel that is mixed with—or atomized into—the air and then released through the intake manifold into the cylinder for combustion. Unlike a fuel injection system, which uses an electronic processor and sensors to control fuel delivery, a carburetor functions by responding to differences between atmospheric pressure and the lower pressure created in a carburetor's throat. Although 40mm Constant Velocity (CV) carburetors come stock on Harley-Davidson® motorcycles and provide excellent power, they are factory tuned to restrict exhaust emissions and comply with federal and state air-quality standards. If you want to enhance your race-use only engine's on-track performance, you can either modify your stock carburetor to improve the efficiency of how the fuel/air mixture is burned, or release a greater volume of mixture into your engine.

CARBURETOR PERFORMANCE

At the track, the race-application Dynojet® Kit allows you to tune the jetting on your CV carburetor to improve fuel atomization and enhance performance. And you can modify your carburetor even further with the Dynojet® Thunderslide Kit, which includes performance jetting as well as a lightweight slide for quicker throttle response. Keep in mind, however, that neither one of these options increases the maximum amount of air that can flow through your stock carburetor. For maximum track performance, Screamin' Eagle® Pro Carburetors generate substantial power gains by increasing both the efficiency of how the air/fuel mixture is atomized and the amount of air/fuel mixture delivered to the engine. In addition, their designs are highly adjustable, allowing for easy trackside tuning to accommodate for differences in altitude and air pressure. Screamin' Eagle® Pro Big Bore CV Carburetors are designed to let in larger volumes of air, and then maintain

airflow velocity and atomization at a constant, high level with a throttle plate and a vacuum slide. Screamin' Eagle Pro Flatside Carburetors control airflow and fuel/air mixture with a rectangular slide that responds directly to throttle position.

MANIFOLDS AND AIRFLOW

The intake manifold carries the fuel/air mixture from the carburetor to the engine cylinder for combustion. For a racing performance configuration to operate most efficiently, the manifold should match both the size and shape of the cylinder heads' intake ports and the size and shape of the carburetor's throat. Maximizing your bike's race-track potential means minimizing obstructions to airflow—and that means selecting parts that work together to facilitate the smooth travel of air to your engine.

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



SCREAMIN' EAGLE® PRO
45MM FLATSIDE CARBURETOR KIT

SCREAMIN' EAGLE® PRO
SPORTSTER HIGH-FLOW AIR CLEANER KIT



SCREAMIN' EAGLE® PRO
BIG BORE INTAKE MANIFOLD



A. SCREAMIN' EAGLE® PRO AIR CLEANER AND BREATHER KITS FOR TWIN CAM® EQUIPPED MODELS

These kits are designed to provide large volumes of clean, stable air to the engine. The die-cast backplate and high-flow, oiled, washable air filter provide superior form & function. The crankcase breather system now utilizes individual breather hoses that direct the breather gases directly 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. **For race application only.**

- 29440-99B** Fits all '99-later Dyna, '00-later Softail®, '99-later Touring models (except '99-'01 EFI) with EFI, or, stock, Screamin' Eagle Flatslide, or Screamin' Eagle CV carburetors (except CV51 Super Bore). **\$139.95**
- 29441-99A** Fits '99-'01 EFI Touring models. (not shown) **\$139.95**

CAUTION: 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.



A. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KITS FOR TWIN CAM EQUIPPED MODELS



B. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KIT FOR CARBURETED EVOLUTION® 1340-EQUIPPED MODELS



C. SCREAMIN' EAGLE PRO EVOLUTION 1340 EFI HIGH FLOW AIR CLEANER AND BREATHER KIT*

B. SCREAMIN' EAGLE PRO AIR CLEANER AND BREATHER KIT FOR CARBURETED EVOLUTION® 1340-EQUIPPED MODELS

Back plate includes cast in venturi and improved mounting system. Larger filter elements 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. **\$139.95**

C. SCREAMIN' EAGLE PRO EVOLUTION 1340 EFI HIGH FLOW AIR CLEANER AND BREATHER KIT*

This kit provides 15% more air flow over stock. **For race application only.**

- 29364-97** Fits '95-'98 Evolution 1340-equipped EFI models only. **\$119.95**
Required ECM Calibration.* **\$149.95**
Total Package Price. **\$269.90**

*Recalibration is required for proper installation, and will allow engine to rev to 6200 RPM. See dealer for details. Labor cost not included.

NOTE: '95-'96 models require installation of ECM P/N 32423-97B to allow required recalibration. Sold separately.

D. SCREAMIN' EAGLE PRO EVOLUTION 1340 HIGH-FLOW AIR CLEANER KIT

Provides increased airflow when installed with CV carburetors. Features washable element, anodized aluminum backplate, radiused inlet ring to reduce turbulence, and Screamin' Eagle brushed nameplate. Includes mounting hardware. **For race application only.**

- 29008-90A** Fits '90-'92 Evolution 1340-equipped models. **\$89.95**

E. SCREAMIN' EAGLE PRO CYLINDER HEAD BREATHER MANIFOLD KIT

This kit includes chrome breather manifold, chrome air cleaner support brackets, gaskets, and installation instructions. **For race application only.**

- 29308-93** Fits '93-'99 Evolution 1340-equipped models with carb/air cleaner kit P/N 29151-90A. (shown) **\$39.95**
- 29310-93** Fits '93-'99 Evolution 1340-equipped models with air cleaner kit P/N 29008-90A. (not shown) **\$43.95**

F. 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 is pre-oiled and ready to go.

- 29793-02** Fits '02-later VRSC models. **\$64.95**

AIR TEMP SENSOR RELOCATION KITS (not shown)

These kits are required for intake air temperature sensor relocation on vehicles without air box lid. **For race application only.**

- 29540-03** Fits '02 VRSC models. **\$44.95**
- 29541-03** Fits '03 VRSC models. **\$1.99**



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



D. SCREAMIN' EAGLE PRO EVOLUTION 1340 EFI HIGH FLOW AIR CLEANER AND BREATHER KIT



F. SCREAMIN' EAGLE PERFORMANCE AIR CLEANER FOR VRSC MODELS



G. SCREAMIN' EAGLE PRO HIGH-FLOW AIR CLEANER KIT FOR SPORTSTER MODELS



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

G. SCREAMIN' EAGLE® PRO HIGH-FLOW AIR CLEANER KIT FOR SPORTSTER® MODELS

This air cleaner kit has been completely redesigned for '04 Sportster models, and provides increased air flow when used with stock, or Screamin' Eagle carburetors. 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 of the carburetor to minimize excess oil in the air cleaner assembly. Kit comes complete with all necessary components and assembly instructions required. **For race application only.**

- 29042-04** Fits '04 XL models with stock air cleaner cover. Harley-Davidson® Air Cleaner Cover P/N 29742-04 requires separate purchase of adapter kit P/N 29848-04. **\$109.95**

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

Provides increased airflow when installed with Original Equipment CV, 42mm or 44mm Screamin' Eagle carburetors. Features washable element, anodized aluminum backplate, radiused inlet ring to reduce turbulence, and "Screamin' Eagle" brushed nameplate. Also includes mounting hardware and installation instructions. Does not include cover. **For race application only.**

- 29041-88B** Fits '88-'03 XL models. **\$79.95**

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, intake manifold, 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 applications only.**

27926-02 Fits '99-later carbureted Twin Cam models. (Not compatible with standard HTCC Heads, Harley-Davidson® Air Cleaner Cover P/Ns 29754-01, 29598-00, 29599-00, or Screamin' Eagle Teardrop Air Cleaner P/N 29409-02.) **\$689.95**

B. SCREAMIN' EAGLE PRO SUPER BORE 51MM CV REBUILD KIT

This kit includes all the parts necessary to rebuild the Screamin' Eagle 51mm CV carburetor. **For race applications only.**

27524-02 Fits Super Bore Carburetor P/N 27926-02. **\$79.95**

C. SCREAMIN' EAGLE PRO SUPER BORE 51MM CV TUNERS KIT

Kit includes various jets and needles to fine tune the Screamin' Eagle 51mm CV carburetor for track performance. Kit includes main jets, slow jets, needles and a tuning guide. **For race applications only.**

27432-02 Fits Super Bore Carburetor P/N 27926-02. **\$74.95**



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

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

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

This carb kit is exclusive to Screamin' Eagle. 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-later Evolution® 1340-equipped models, '99-later Twin Cam 88®-equipped models, and '88-later XL models. **\$309.95**

SCREAMIN' EAGLE PRO REBUILD KIT, 44MM CV CARBURETOR (not shown)

Includes all parts necessary to rebuild your 44mm CV carburetor. **For race application only.**

27554-99 For use with Screamin' Eagle Big Bore 44mm CV Carburetor Kit P/N 27934-99. **\$71.95**

SCREAMIN' EAGLE PRO RACE TUNER'S KIT, 44MM CV CARBURETOR (not shown)

Includes 6 main jets, ranging in size from #200 to 250, 3 slow-speed jets, #48, 50, and 52, and 4 jet needles to cover most tuning applications. Also includes float bowl screws and O-ring. Tuning instructions are included. **For race application only.**

27419-99 For use with Screamin' Eagle Big Bore 44mm CV Carburetor Kit P/N 27934-99. **\$74.95**

SCREAMIN' EAGLE PRO BASIC JET KIT, 44 MM CV CARBURETOR (not shown)

Includes #50 slow jet, and #230 and 240 main jets to cover basic tuning. **For race application only.**

27409-00 For use with Screamin' Eagle Big Bore 44 mm CV Carburetor Kit P/N 27934-99. **\$14.95**

E. 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.**

29604-00 Fits '00-later Twin Cam 88-equipped models. **\$74.95**

29555-99 Fits '99 Twin Cam 88-equipped models. **\$74.95**

29045-97A Fits '96-later Evolution®-equipped XL883 and 1200 models (except 1200S) and 1340-equipped models with Original Equipment CV carburetors. **\$74.95**

29099-93R Fits '90-'95 XL883 and 1200, and '95-earlier Evolution 1340-equipped models with Original Equipment CV carburetors. **\$74.95**

29045-97A Fits '96-later XL883 and 1200 (except 1200S) and Evolution 1340 models with Original Equipment CV carburetors. **\$74.95**

29099-93R Fits '90-'95 XL883 and 1200 models and '95-earlier Evolution 1340-equipped models with Original Equipment CV carburetors. **\$74.95**

F. 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.**

29605-00 Fits '00-later Twin Cam 88-equipped models. **\$139.95**

29556-99 Fits '99 Twin Cam 88-equipped models. **\$139.95**

29935-98 Fits '90-'99 Evolution 1340-equipped models. **\$139.95**

29936-98 Fits '89-later XL1200 models (except 1200S). **\$139.95**



B. SCREAMIN' EAGLE PRO SUPER BORE 51MM CV REBUILD KIT



C. SCREAMIN' EAGLE PRO SUPER BORE 51MM CV TUNERS KIT



E. DYNOJET KIT



F. DYNOJET THUNDERSLIDE KIT

A. SCREAMIN' EAGLE® PRO 45MM FLATSLIDE CARBURETOR KIT



Provide increased air and fuel flow for larger bore and stroke engines. This carburetor produces crisp throttle response and smooth power delivery, and uses stock throttle cables for easier installation. Exclusive chrome top cover includes an embossed "Screamin' Eagle" logo. Not for use on cruise control-equipped vehicles. Requires separate purchase of Intake Manifold P/N 29635-99, 29634-00, or 29636-99 for proper installation. Seperate purchase of Screamin' Eagle High Flow Air Cleaner Kit is recommended for optimal performance. **For race application only.**

28040-02 Fits '99-later carbureted Twin Cam®-equipped models and '90-'99 Evolution® 1340 models. **\$449.95**

SCREAMIN' EAGLE PRO 45MM RACE TUNERS KIT (not shown)



Kit includes various jets and needles to fine tune the 45mm carburetor based on engine modifications. Kit includes five main jets (167.5, 172.5, 177.5, 180.5, 182.5), two needles (96 richer, 98 leaner), two slow jets (20, 22.5), gasket, O-rings, pump nozzle and screws.

28041-02 For use with Screamin' Eagle 45mm Flatslide Carburetor P/N 28040-02 **\$69.95**

B. SCREAMIN' EAGLE PRO 42MM FLATSLIDE CARBURETOR KITS



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. Available in either polished or unpolished versions. **For race application only.**

29640-99 Polished. Fits '90-'99 Evolution 1340 and '99-later Twin Cam 88®-equipped models. Cannot be used on vehicles equipped with cruise control. (not shown) **\$629.95**

29641-99 Unpolished. Fits '90-'99 Evolution 1340 and '99-later Twin Cam 88®-equipped models. Cannot be used on vehicles equipped with cruise control. **\$409.95**

27454-01A Fits '95-later XL1200 models. **\$409.95**

SCREAMIN' EAGLE PRO 42MM FLATSLIDE CARBURETOR RACE TUNERS KIT (not shown)



Tuners kit includes various jets and needles to help the engine builder tune the Screamin' Eagle 42mm flatslide carb for optimal performance at the track. For race application only. Kit includes five main jets (180-170 in 2.5 increments) three needles (95,96,98), two slow jets (20, 30), and accelerator pump nozzle and O-ring. Float bowl screws and packing also included. **For race application only.**

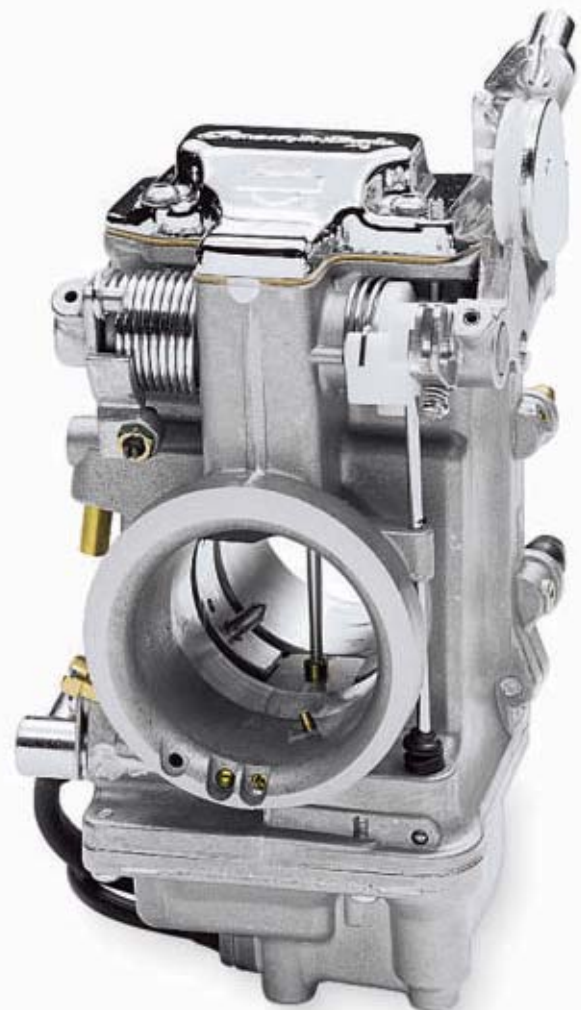
29564-98 **\$71.95**

SCREAMIN' EAGLE PRO 42MM FLATSLIDE CARBURETOR REBUILD KIT (not shown)



Designed for use with Screamin' Eagle 42mm flatslide carburetors. Kit includes all necessary components to rebuild your 42mm Flatslide Carburetor. **For race application only.**

29565-98 **\$34.95**



A. SCREAMIN' EAGLE PRO 45MM FLATSLIDE CARBURETOR KIT



B. SCREAMIN' EAGLE PRO 42MM FLATSLIDE CARBURETOR KITS



F. SCREAMIN' EAGLE PRO PERFORMANCE CARBURETED INTAKE MANIFOLD KITS



C. SCREAMIN' EAGLE PRO "HTCC" EFI INTAKE MANIFOLD



E. SCREAMIN' EAGLE PRO BIG BORE INTAKE MANIFOLD



D. SCREAMIN' EAGLE PRO TWIN CAM 88 "HTCC" INTAKE MANIFOLD



G. SCREAMIN' EAGLE PRO 44MM CV CARBURETOR INTAKE MANIFOLD

C. SCREAMIN' EAGLE® PRO "HTCC" EFI INTAKE MANIFOLD



Add the high torque performance of the Screamin' Eagle "HTCC" Cylinder Heads to your fuel injected Twin Cam model. This EFI Intake Manifold provides smooth air flow from the EFI module to the high velocity "D-Shaped" ports of the standard "HTCC" cylinder head. This complete kit includes the manifold, flange seals, mounting hardware and gasket. **For race application only.**

29608-02 Fits '02-later EFI Touring, '04 EFI Dynaand '01-later EFI Softail® models equipped with HTCC Heads. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications. **\$89.95**

D. SCREAMIN' EAGLE PRO TWIN CAM 88 "HTCC" INTAKE MANIFOLD



This intake manifold was designed to maximize flow and match the intake port shapes of the Screamin' Eagle Twin Cam 88® HTCC Cylinder Heads. Kit includes the manifold, and seals, and mounting hardware. Kit also includes 2 carburetor-to-manifold seals to accommodate stock, 42mm Flatslide, 45 mm Flatslide or CVH44 carburetors. This manifold is required for installation of Screamin' Eagle Twin Cam 88 HTCC Cylinder Heads. **For race application only.**

29634-00 Fits '99-later carbureted Twin Cam 88®-equipped models with Twin Cam 88 HTCC Cylinder heads. **\$74.95**

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-later Twin Cam 88®-equipped models. (shown) **\$74.95**

29636-99 Fits '90-'99 Evolution 1340-equipped models. (not shown) **\$74.95**

F. SCREAMIN' EAGLE PRO PERFORMANCE CARBURETED INTAKE MANIFOLD KITS



High-flow intake manifold designed to work with the Screamin' Eagle butterfly style carburetor and Screamin' Eagle 1340 cylinder heads. Flow is increased over the early Screamin' Eagle Evolution® manifold, and styles are available for VOES equipped models. **For race application only.**

29514-98 Fits '84-'99 Evolution 1340-equipped models with Screamin' Eagle carburetor Kit P/N 29151-90A. **\$79.95**

G. SCREAMIN' EAGLE PRO 44MM CV CARBURETOR INTAKE MANIFOLD



This intake manifold is required for use with the Screamin' Eagle 44mm CV Carburetor. **For race application only.**

27689-04 Fits '04-later XL models. **\$74.95**

27643-00 Fits '88-'03 XL models. (shown) **\$74.95**

Engine Components

POWER FROM WITHIN

Modifying your intake and exhaust systems are basic steps in improving a race engine's performance, but once you reach a certain level of power production, you need to get inside the engine itself to get more torque and horsepower for your pursuits at the track. Screamin' Eagle® Pro Racing Parts offer the track-tested engine components required to build a race-winning combination.

DISPLACEMENT

Because your engine is like an air pump, there is a direct correlation between the capacity of that pump and the amount of air it can move. So 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 its displacement, the more power your engine can produce. Essentially, there are three ways to increase your racing engine's displacement: (1) by increasing cylinder bore (2) by increasing piston stroke, or (3) 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. The good news is, Screamin' Eagle® Pro Racing Parts can help you do it all.

PISTONS AND HEADS

Once you've increased your off-road engine's displacement, you need to select complementary components that provide an ideal compression ratio for your specific racing 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 fuel/air 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. Remember to always follow Harley-Davidson recommendations for performance part combinations.

CAMSHAFTS

Camshafts are fundamental ingredients in the track 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® Pro Racing Parts offers performance cams in a wide variety of configurations engineered to help you achieve the results you crave.

OTHER CONSIDERATIONS

Hard starting-line launches and the increased engine power and rev limits of race-use engines increase the stresses placed on other components. To maximize your engine's potential and help ensure its long-term health, remember to add high-performance rocker arms, gaskets, valve springs, cylinder studs and clutch springs into the mix.

SCREAMIN' EAGLE® PERFORMANCE CLUTCH KIT

SCREAMIN' EAGLE® PRO TWIN CAM® PERFORMANCE CYLINDER HEADS

SCREAMIN' EAGLE® PRO TWIN CAM "HTCC" FORGED STROKER PISTONS

SCREAMIN' EAGLE® PRO STROKER FLYWHEEL AND ROD ASSEMBLY

SCREAMIN' EAGLE® VALVE SPRING KIT

SCREAMIN' EAGLE® ROLLER ROCKER ARMS

NEW

A. SCREAMIN' EAGLE® PRO TWIN CAM® 103+ CYLINDER HEADS*



This Screamin' Eagle cylinder head is designed to increase performance on engines displacing 103 cubic inches or more. The intake and exhaust ports have been resized and reshaped to handle the additional airflow from a 103 C.I. engine. When combined with the 103+ stroker piston, the engine produces a compression ratio of 10.5:1. The combustion chamber design provides a clean and consistent burn for large displacement engines. Valve springs can accommodate cams with .650" lift and 7000 RPMs. Intake valve has been increased to 2.080" dia. Exhaust valve is 1.623". 103+ cylinder heads must be used with Big Bore Cylinders (3 7/8" or larger). Heads are machined to accept Compression Release P/N 29298-02. **For race application only.**

Fits '99-later Twin Cam models equipped with Big-Bore Cylinders. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

17071-03	Black Highlighted.	\$1,149.95
17072-03	Silver Highlighted.	\$1,099.95

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

B. SCREAMIN' EAGLE PRO TWIN CAM PORTED "HTCC" HEADS**



This head is for serious performance engine builders, and is the highest-flowing cylinder head available from Screamin' Eagle. This high-flow CNC ported version of our popular "HTCC" head has a 2.0" intake valve, 1.623" exhaust valve, and ports designed to produce big horsepower. This head is fitted with valve springs capable of withstanding .650" lift and revs up to 7,000 RPM. Use with Screamin' Eagle Intake Manifold P/N 29635-99. Heads are machined to accept Compression Release Kit P/N 29298-02. **For race application only.**

Fits '99-later Twin Cam models equipped with Big-Bore Cylinders. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

16925-02A	Black Highlighted.	\$1,399.95
16934-02A	Silver Highlighted.	\$1,299.95

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

A. SCREAMIN' EAGLE PRO TWIN CAM 103+ CYLINDER HEADS

C. SCREAMIN' EAGLE PRO TWIN CAM 88 "HTCC" CYLINDER HEADS



B. SCREAMIN' EAGLE PRO TWIN CAM 88 PORTED "HTCC" HEADS

D. SCREAMIN' EAGLE PRO TWIN CAM 88 PERFORMANCE CYLINDER HEADS

C. SCREAMIN' EAGLE® PRO TWIN CAM® "HTCC" CYLINDER HEADS*



The Screamin' Eagle HTCC (High Torque Combustion Chamber) Cylinder Heads will be the cylinder head of choice for racers who love the feeling of torque. These heads have a high velocity "D-Shaped" intake port incorporating a step in the bowl area to minimize reversion. A large 2" intake valve enhances low lift air flow to promote higher torque at lower RPM's. This intake port requires the use of the HTCC Intake Manifold P/N 29634-00 for proper port match. The exhaust valve and port have also been redesigned. The exhaust valve has been reduced in size (as compared to the Screamin' Eagle Twin Cam 88 Performance Heads) from 1.623" to 1.550", and the exhaust port is now oval shaped to promote flow and improved exhaust scavenging. The uniquely designed combustion chamber utilizes multiple squish areas, which combine with the high dome piston to compact and excite the fuel/air mixture for a fast and efficient burn, with less possibility of detonation. Valve spring components are the same as used in the Twin Cam Performance Heads, and can handle cams up to .575" lift and 6500 RPM. Separate purchase of 1550 Big Bore Cylinders, and HTCC Intake Manifold required for proper installation. Heads are machined to accept Compression Release Kit P/N 29298-02. **For race application only.**

Fits '99-later Twin Cam models equipped with Big-Bore Cylinders. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

16933-99A	Black Highlighted.	\$999.95
16926-99A	Silver Highlighted.	\$899.95

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

D. SCREAMIN' EAGLE PRO TWIN CAM PERFORMANCE CYLINDER HEADS**



We've combined the proven Screamin' Eagle valve train components and innovative port shapes from our Evolution® 1340 cylinder heads with the Twin Cam 88 engine "bathtub" combustion chamber to create a cylinder head that really performs. Valve spring can accommodate up to .575" valve lift camshaft kits and up to 6500 RPM. Heads are machined to accept Compression Release P/N 29298-02. **For race application only.**

Fits '99-later Twin Cam 88-equipped models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

16952-99B	Black Highlighted.	\$949.95
16953-99B	Silver Highlighted.	\$849.95

****CAUTION:** Screamin' Eagle Adjustable or Perfect Fit Pushrods are required for installation. Do not use high compression cast pistons with Screamin' Eagle Twin Cam 88 Performance Cylinder heads. Failure to comply may result in engine damage.

A. SCREAMIN' EAGLE® EVOLUTION® 1340 CYLINDER HEADS*



Built right at the factory for unparalleled quality. The re-designed combustion chamber, optimized for flow and efficiency, works with stock or Hi-Compression Forged Piston Kits. Heads come with larger than stock 1.898" intake valves and 1.623" exhaust valves. Valve Spring Kit P/N 18223-98 is used and can accommodate .620" 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 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.

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

16851-98A	Silver.	\$829.95
16854-98A	Black Highlighted.	\$929.95
16976-99A	Black Non-highlighted.	\$829.95

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



A. SCREAMIN' EAGLE EVOLUTION 1340 CYLINDER HEADS

B. SCREAMIN' EAGLE® PRO DUAL PLUG SPORTSTER® CYLINDER HEAD KITS



Available in silver or wrinkle black finish, the heads offer single or dual spark plug capability with true gains in both torque and peak horsepower. Heads produce 9.8:1 compression with stock pistons and flow 8% more on both intake and exhaust. Bolt-on head also allows easy conversion for 883cc models to 1200cc models. Kits are assembled at the factory with stock Valve Springs. **For race application only.**

Fits '91-'03 XL1200 models.

16458-96B	Black Highlighted. (pair)	\$659.95
16457-96B	Silver Highlighted. (pair)	\$659.95

C. SCREAMIN' EAGLE PRO COMPRESSION RELEASE



These compression releases may be used to ease starting on high compression engines, especially Stokers. 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. Sold in pairs. **For race application only.**

29298-02	Fits all Screamin' Eagle Twin Cam Cylinder Heads.	\$84.95
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D. SPORTSTER® XL1200CC CYLINDERS



Except for relieving the combustion chamber 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.) **For race application only.**

16871-99Y	Black, Non-Highlighted. Fits '86-'03 XL883/1100 when upgraded with XL1200 pistons.	\$139.95
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16954-02	Silver. Fits '04 XL883 when upgraded with XL1200 pistons.	\$139.95
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16554-92A	Silver. (shown) Fits '86-'03 XL883/1100 when upgraded with XL1200 pistons.	\$139.95
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E. BIG-BORE CYLINDERS FOR TWIN CAM 88°-EQUIPPED MODELS



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. Sold in pairs, these cylinders require no crankcase machining and are finished honed for standard size 1550cc pistons. Use with flat-top or high compression or Stroker pistons. Available in Black Highlighted, Silver Highlighted and Black Non-highlighted. **For race application only.**

Fits '99-later Twin Cam 88-equipped models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

16546-99	Black Highlighted. (pair) (shown)	\$299.95
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16549-99	Silver Highlighted. (pair) (not shown)	\$299.95
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B. SCREAMIN' EAGLE PRO DUAL PLUG SPORTSTER CYLINDER HEAD KITS



C. SCREAMIN' EAGLE PRO COMPRESSION RELEASE



D. SPORTSTER XL1200CC CYLINDERS



E. BIG BORE CYLINDERS FOR TWIN CAM 88 - EQUIPPED MODELS

A. SCREAMIN' EAGLE® PRO STROKER FLYWHEEL AND ROD ASSEMBLY



These Stroker flywheels provide 103 cubic inches of raw power for any Twin Cam engine, including Softail™ Twin Cam 88B™, by increasing your stock stroke from 4" to 4-3/8". The flywheels and rods are made from high strength forgings, then fully machined to their final shape, then balanced. The assembly makes use of the Original Equipment (straight press) crankpin and bearings, which means you get proven durability. Stroker installation requires Big Bore Stroker Pistons and Big Bore Cylinders. To maximize the performance potential, additional Screamin' Eagle performance parts such as camshafts, performance cylinder heads, performance carburetor, ignition, and open intake and exhaust are recommended. **For race application only.**

23600-00 Fits '99-later Twin Cam 88®-equipped Dyna and Touring models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications. '03-later models require the installation of Bearing Assembly P/N 24004-03. **\$1,324.95**

23703-02 Fits '00-later Softail™ models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications. '03-later models require the installation of Bearing Assembly P/N 24004-03. **\$1,424.95**

B. SCREAMIN' EAGLE PRO TWIN CAM "103+" STROKER PISTONS*



These big bore forged pistons feature a unique dome shape that is matched to the Screamin' Eagle "103+" Cylinder Heads to maximize horsepower output. When used in combination with the Screamin' Eagle 103+ Cylinder heads, Stroker Flywheels, and big bore cylinders., the resulting compression ratio is 10.5:1. Complete kit includes pistons, rings, wrist pins and clips. **For race application only.**

Fits '99-later Twin Cam models equipped with Screamin' Eagle 103+ Cylinder Heads, stroker flywheels, and big bore cylinders. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

22483-04 Standard Bore. (pair) **\$279.95**
22484-04 .005" o/s. (pair) **\$279.95**
22485-04 .010" o/s. (pair) **\$279.95**



A. SCREAMIN' EAGLE PRO STROKER FLYWHEEL AND ROD ASSEMBLY

NEW



B. SCREAMIN' EAGLE PRO TWIN CAM "103+" STROKER PISTONS

*Notice: See matrix on page 47 for recommended cylinder head/piston combinations.

C. SCREAMIN' EAGLE® PRO TWIN CAM® "HTCC" FORGED STROKER PISTONS*



Build a real torque machine. These Big Bore forged pistons are designed to maximize the torque potential of the 103 cubic inch Screamin' Eagle Stroker Flywheel and "HTCC" Cylinder Head combination. Kit includes forged pistons, rings, pins and circlips. **For race application only.**

Fits '99-later Twin Cam models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

22444-02 Standard Bore (pair). **\$279.95**
22445-02 +.005" o/s. (pair). **\$279.95**
22446-02 +.010" o/s. (pair). **\$279.95**

D. SCREAMIN' EAGLE PRO TWIN CAM FLAT TOP STROKER PISTONS*



These 3-7/8" Big Bore forged pistons can be used with different heads depending on your HP/Torque requirements. Pistons are sold in pairs, and include rings, pins and clips. **For race application only.**

For use with Screamin' Eagle Stroker Flywheel and Rod Kit P/N 23600-00 or 23703-02 only.

22942-00 Standard Bore (pair). **\$279.95**
22943-00 +.005" o/s. (pair). **\$279.95**
22944-00 +.010" o/s. (pair). **\$279.95**



C. SCREAMIN' EAGLE PRO TWIN CAM "HTCC" FORGED STROKER PISTONS



D. SCREAMIN' EAGLE PRO TWIN CAM FLAT TOP STROKER PISTONS



SCREAMIN' EAGLE PRO TWIN CAM STROKER PISTONS

*Notice: See matrix below for recommended cylinder head/piston combinations.

Displacement	Piston Type	Head Type				
		Original Equipment	Screamin' Eagle Standard HTCC Heads	Screamin' Eagle Ported HTCC Heads	Screamin' Eagle Performance Heads	Screamin' Eagle 103+ Heads
88 C.I.	Original Equipment	8.8:1	N.A.	N.A.	9.5:1	N.A.
	High Comp. Forged Pistons P/N 22864-00	9.6:1	N.A.	N.A.	10.5:1	N.A.
95 C.I.	Screamin' Eagle Twin Cam HTCC Pistons P/N 22439-00A	N.A.	10.5:1	10.5:1	N.A.	N.A.
	High Comp. Forged Pistons P/N 22868-00	9.6:1	N.A.	N.A.	10.5:1	N.A.
	Screamin' Eagle High Comp. Cast Pistons P/N 22661-99A	10.25:1	N.A.	N.A.	N.A.	N.A.
	Screamin' Eagle Twin Cam Big Bore Flat Top Cast Pistons P/N 22851-99A	9.4:1	9.4:1	9.4:1	10:1	N.A.
103 C.I.	Screamin' Eagle Stroker Pistons P/N 22942-00	N.A.	9.8:1	9.8:1	10.5:1	N.A.
	Screamin' Eagle Twin Cam HTCC Forged Stroker Pistons P/N 22444-02	N.A.	10.5:1	10.5:1	N.A.	N.A.
	Screamin' Eagle Twin Cam New Pistons P/N 22483-04	N.A.	N.A.	N.A.	N.A.	10.5:1

*"N/A" denotes not applicable - these combinations are not recommended.

CYLINDER HEAD/PISTON COMBINATION COMPRESSION RATIO CHART

A. SCREAMIN' EAGLE® PRO TWIN CAM "HTCC" PISTONS*



These Big Bore forged pistons are designed exclusively for use with the HTCC Cylinder Heads and yield a 1550cc displacement. Unique dome shape was designed to match the intricate contours of the Screamin' Eagle Twin Cam 88 HTCC Cylinder Head combustion chambers to optimize the multiple squish areas and promote great torque. Offered in standard, .005" and .010" oversizes. Sold in pairs, they include rings, pins and circlips. For use only with Twin Cam 88® HTCC Cylinder Heads. Not for Stroker applications. **For race application only.**

Fits '99-later Twin Cam 88-equipped models with Twin Cam 88 HTCC Cylinder Heads. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

22439-00A	Standard Bore. (pair)	\$279.95
22440-00A	+.005" o/s. (pair)	\$279.95
22441-00A	+.010" o/s. (pair)	\$279.95

B. SCREAMIN' EAGLE PRO TWIN CAM HIGH COMPRESSION FORGED PISTON KITS*



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. Gaskets are sold separately. These pistons cannot be used with "HTCC" heads or Stroker applications. **For race application only.**

1450 High Compression Forged Piston Kits
Fits '99-later Twin Cam equipped models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications. **For race application only.**

22864-00	Standard Bore. (pair)	\$279.95
22865-00	+.005" o/s. (pair)	\$279.95
22866-00	+.010" o/s. (pair)	\$279.95

1550 High Compression Forged Piston Kits
Fits '99-later Big Bore Twin Cam equipped models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications. **For race application only.**

22868-00	Standard Bore. (pair)	\$279.95
22869-00	+.005" o/s. (pair)	\$279.95
22870-00	+.010" o/s. (pair)	\$279.95

C. SCREAMIN' EAGLE PRO TWIN CAM HIGH COMPRESSION CAST PISTON KITS*



10.25:1 cast pistons designed for use with the Twin Cam 88 engine equipped with stock cylinder heads and Big Bore cylinders (1550). Kits include rings, clips and pins. Gaskets sold separately. **For race application only.**

Fits '99-later 1550 Big Bore Twin Cam equipped models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

22661-99A	Standard Bore. (pair)	\$129.95
22174-99A	.005" o/s. (pair)	\$129.95
22179-99A	.010" o/s. (pair)	\$129.95

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

D. SCREAMIN' EAGLE PRO TWIN CAM BIG BORE FLAT TOP CAST PISTON KITS*



Flat Top Cast Pistons for use with Big Bore performance cylinders (1550). Kits include rings, clips and pins. Gaskets sold separately. These pistons cannot be used with "HTCC" heads. **For race application only.**

Fits '99-later Twin Cam equipped models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

22851-99A	Standard Bore. (pair)	\$119.95
22852-99A	.005" o/s. (pair)	\$119.95
22853-99A	.010" o/s. (pair)	\$119.95

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



A. SCREAMIN' EAGLE PRO TWIN CAM "HTCC" PISTONS



B. SCREAMIN' EAGLE PRO HIGH COMPRESSION FORGED PISTON KITS



C. SCREAMIN' EAGLE PRO TWIN CAM HIGH COMPRESSION CAST PISTON KITS



D. SCREAMIN' EAGLE PRO TWIN CAM BIG BORE FLAT TOP CAST PISTON KITS



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



F. SCREAMIN' EAGLE PRO EVOLUTION 1340 HIGH COMPRESSION FORGED PISTON KITS



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

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

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

22766-98	10.5:1 ratio .005" o/s. (pair)	\$279.00
22767-98	10.5:1 ratio .010" o/s. (pair)	\$279.00
22768-98	10.5:1 ratio .030" o/s. (pair)	\$279.00

CAUTION: 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.

F. SCREAMIN' EAGLE PRO EVOLUTION 1340 HIGH COMPRESSION FORGED PISTON KITS



Forged alloy pistons designed specifically to handle the extremes of high-performance engines with stock Evolution 1340 Cylinder Heads. Increased compression also improves low-end torque, and makes our SE-11 and SE-57 cams come alive. Kits include pins, clips and rings. **For race application only.**

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

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

22195-98	10.2:1 ratio .005" o/s. (pair)	\$279.00
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CAUTION: Vehicle must be recalibrated for proper function when pistons are changed. Use of this kit on EFI bikes without calibration may cause a lean fuel condition which may result in engine damage.

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



10.0:1 compression cast pistons 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.**

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

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

22192-98	10.0:1 ratio .005" o/s. (pair)	\$119.95
22193-98	10.0:1 ratio .010" o/s. (pair)	\$119.95

*Notice: See matrix on page 47 for recommended cylinder head/piston combinations.

A. EVOLUTION® XL1200CC 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 Fits '86-'03 XL883 models and '86-'87 XL1100 models. (Requires Template Kit P/N 25629-88 if stock heads are used.) (pair) (not shown) **\$144.95**



A. EVOLUTION XL1200CC PISTON KIT

B. 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. Requires separate purchase of 1200cc cylinders and gaskets. **For race applications only.** Fits all '86-later XL883 models with stock heads.

22698-01 Standard Bore. (pair) **\$279.95**
22699-01 .005 o/s. (pair) **\$279.95**
22700-01 .010 o/s. (pair) **\$279.95**



B. SCREAMIN' EAGLE PRO FORGED HIGH COMPRESSION XL883 TO 1200 CONVERSION PISTON KIT

C. SCREAMIN' EAGLE PRO XL1200 HIGH COMPRESSION FORGED PISTON KIT

The forged pistons in this kit allow you to increase the performance of a 1200cc engine with stock XL heads by increasing the compression ratio to approximately 10.0:1. These pistons have been hard-anodized and Teflon® impregnated to meet the durability demands of this high compression application. The kit includes pistons, pins, rings and clips. Not for use with Screamin' Eagle XL Cylinder Heads. **For race application only.** Fits all '88-'03 XL1200 models with stock heads.

22694-01 Standard Bore. (pair) **\$279.95**
22695-01 .005" o/s. (pair) **\$279.95**
22696-01 .010" o/s. (pair) **\$279.95**



C. SCREAMIN' EAGLE PRO XL1200 HIGH COMPRESSION FORGED PISTON KIT



D. SCREAMIN' EAGLE® PRO TWIN CAM® PERFORMANCE CAMS

Kits include front and rear cams. Splined rear cam is included for exceptional load handling capability. Gaskets and bearings not included. Dealer installation is recommended, and special tools are required for proper installation. Please purchase Cam Installation Kit P/N 17045-99A which contains all required gaskets, bearings, and seals for proper installation. For proper cam gear spacing, Cam Spacer Kit P/N 25938-00 is recommended. This kit contains an assortment of five different spacers to achieve proper sprocket alignment. Individual spacers can be purchased separately. '99 models require splined Cam Sprocket P/N 25716-99 for installation. **For race application only.**

Fits '99-later Twin Cam equipped models unless noted. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit for fitment or calibration matrix for possible applications.

SE-203 Cam Kit
Performance cam designed to provide exceptional low and mid-range torque. These cams are also used in the Stage II EFI Kits. **For race application only.**

25937-99B **\$269.95**

SE-204 Cam Kit
This 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.**

25149-00 **\$269.95**

SE-211 Cam Kit
This cam is best suited to added compression, and offers good mid- to top-end power. A good match for the "HTCC" Cylinder Heads or the Twin Cam 88 Performance Heads. **For race application only.**

25152-00 **\$269.95**

SE-251 Cam Kit*
This high lift, torque cam is designed for larger displacement engines where increased mid-range power is desired. This cam works well with increased compression and free-flowing intake and exhaust. **For race application only.**

25121-03 **\$269.95**

SE-257 Cam Kit*
This cam delivers "high-end" horsepower you will feel in the straightaway. This cam requires increased compression for optimum performance. Works well in conjunction with forged pistons, Twin Cam 88 Performance Heads, and open intake and exhaust. **For race application only.**

25155-00 **\$269.95**

SE-258 Cam Kit*
These cams have been designed exclusively for use in high compression, larger displacement (1550 or greater) applications. Peak power in the higher RPM ranges yet still pulls well in the lower ranges. Works well in conjunction with forged pistons, Twin Cam 88 Performance Heads, and open intake and exhaust. **For race application only.**

25137-00 **\$269.95**

SE-260 Cam Kit*
This cam is designed around large displacement and high rpm engines. This cam should be used with higher compression, and performance intake and exhaust systems. An excellent choice for Screamin' Eagle® 103" Stroker applications and HTCC Ported Heads. **For race application only.**

25122-02 **\$269.95**

SE-264 Cam Kit*
This cam is designed to increase performance in high-output stroker engines. The cam pulls hard through the mid range and its high lift produces big horsepower numbers. **For race application only.**

25133-04 **\$269.95**

***CAUTION:** 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.



D. SCREAMIN' EAGLE PRO TWIN CAM PERFORMANCE CAMS

Description	Part Number	Lift @ Valve Intake/Exhaust	Duration @.053 Intake/Exhaust	Timing @.053 Lift Open/Close		TDC Lift @ Valve Intake/Exhaust
				Intake	Exhaust	
SE-203	25937-99B	.510"/.483"	234°/239°	Intake: 18° BTDC/36° ABDC Exhaust: 42° BBDC/17° ATDC		0.178"/.152"
SE-204	25149-00	.508"/.508"	236°/240°	Intake: 22° BTDC/34° ABDC Exhaust: 52° BBDC/08° ATDC		0.208"/.129"
SE-211	25152-00	.508"/.508"	248°/256°	Intake: 23° BTDC/45° ABDC Exhaust: 59° BBDC/17° ATDC		0.203"/.170"
SE-251	25121-03	.579"/.579"	244°/250°	Intake: 18° BTDC/46° ABDC Exhaust: 56° BBDC/14° ATDC		0.178"/.158"
SE-257	25155-00	.569"/.569"	252°/260°	Intake: 24° BTDC/48° ABDC Exhaust: 59° BBDC/21° ATDC		0.213"/.200"
SE-258	25137-00	.569"/.569"	258°/268°	Intake: 26° BTDC/52° ABDC Exhaust: 65° BBDC/23° ATDC		0.224"/.208"
SE-260	25122-02	.609"/.609"	263°/269°	Intake: 28° BTDC/55° ABDC Exhaust: 65° BBDC/24° ATDC		0.236"/.213"
SE-264	25133-04	.635"/.635"	264°/262°	Intake: 24° BTDC/60° ABDC Exhaust: 60° BBDC/22° ATDC		0.219"/.211"

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

A. SCREAMIN' EAGLE® PRO EVOLUTION® 1340 CAMSHAFTS



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

SE-1 Cam
The original Screamin' Eagle bolt-in horsepower cam. This proven design works well in lighter bikes, and comes on strong between 4000 RPM and 6000 RPM. **For race application only.**

25487-87A Cam only. **\$189.95**

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 RPM through 5000 RPM. Street legal in Stage II Evolution EFI kits only. **For race application only.**

25422-97 Cam only. **\$189.95**

SE-4 Cam
Unique advanced profile design provides exceptional bolt-in power for heavy bikes. Broad torque band from 3000 RPM through 5500 RPM. **For race application only.**

25752-97 Cam only. **\$189.95**

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 Cam only. **\$189.95**

SE-54 Cam*
The original Screamin' Eagle optimal hydraulic cam has been a favorite for years. With performance heads and pistons, carbs, exhaust and ignition, makes 90+ rear wheel horsepower in 80 cubic inch bikes (at 6100 RPM). (See caution below.) **For race application only.**

25528-89A Cam only. **\$189.95**

25493-89B Cam and Performance Valve Spring Kit. **\$299.00**

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 RPM to 5500 RPM with a peak horsepower of an astounding 95 at 6200 RPM! This cam requires compression increases for optimum performance. (See caution below.) **For race application only.**

25754-97 Cam only. **\$199.95**

25755-97 Cam and Performance Valve Spring Kit. **\$329.00**

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



A. SCREAMIN' EAGLE PRO EVOLUTION 1340 CAMSHAFTS

Description	Part Number	Lift @ Valve Intake/Exhaust	Duration @.053 Intake/Exhaust	Timing @.053 Lift Open/Close	TDC Lift @ Valve Intake/Exhaust
SE-1	25487-87A	.495"/.495"	244°/250°	Intake: 17.5° BTDC/46.5° ABDC Exhaust: 52.5° BBDC/17.5° ATDC	0.177"/.170"
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-54	25528-89A 25493-89B Kit	.546"/.546"	250°/260°	Intake: 22° BTDC/48° ABDC Exhaust: 55° BBDC/25° ATDC	0.186"/.196"
SE-57	25754-97 25755-97 Kit	.575"/.575"	252°/256°	Intake: 22° BTDC/50° ABDC Exhaust: 56° BBDC/20° ATDC	0.202"/.186"

SCREAMIN' EAGLE PRO EVOLUTION 1340 CAMSHAFT SPECS

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® 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. **For race application only.**

25197-04 Fits '04-later XL models. **\$324.95**

C. 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. **\$274.95**

25648-91 Fits '91-'99 XL models. **\$274.95**

25628-89 Fits '86-'90 XL 4-speed. **\$274.95**

D. SCREAMIN' EAGLE PRO HIGH-PERFORMANCE XL CAM KIT



Engineered for use with hydraulic lifters, providing increased horsepower and torque, quick-revving responsiveness and a broad power band from 2000-6500 RPM. Offer higher lift and longer duration than bolt-in Cams (P/N 25628-89). Includes steel lower collars and valve keepers, lightweight high-strength titanium upper collars, and high performance inner and outer valve springs. Some engine machining may be required for proper fitment. See instruction sheets for details. **For race application only.**

25647-01 Fits '00-'03 XL models. **\$399.95**

25647-91A Fits '91-'99 XL models. **\$399.95**

SCREAMIN' EAGLE PRO HIGH PERFORMANCE XL CAMS



We also offer the cam set from our High Performance Evolution XL Cam Kit separately so that you can choose your own valve spring pack. **For race application only.**

25649-01 Fits '00-'03 XL models. **\$274.95**

25649-91 Fits '91-'99 XL models. **\$274.95**



B. SCREAMIN' EAGLE PRO XL PERFORMANCE CAMS



C. SCREAMIN' EAGLE PRO XL BOLT-IN HYDRAULIC CAMS



D. SCREAMIN' EAGLE PRO HIGH-PERFORMANCE XL CAM KIT

Description	Part Number	Lift @ Valve Intake/Exhaust	Duration @.053 Intake/Exhaust	Timing @.053 lift Open/Close	TDC Lift @ Valve Int/Exh
Performance '04	25197-04	.551"/.551"	249°/249°	Intake: 25° BTDC/44° ABDC Exhaust: 59° BBDC/10° ATDC	.197"/.122"
Bolt-In (4 spd) '86-'90	25628-89	.497"/.497"	256°/256°	Intake: 28° BTDC/48° ABDC Exhaust: 52° BBDC/24° ATDC	.211"/.191"
Bolt-In (5 spd) '91-'99	25648-91	.497"/.497"	256°/256°	Intake: 28° BTDC/48° ABDC Exhaust: 52° BBDC/24° ATDC	.211"/.191"
Bolt-In (5 spd) '00-'03	25648-01	.497"/.497"	256°/256°	Intake: 28° BTDC/48° ABDC Exhaust: 52° BBDC/24° ATDC	.211"/.191"
High Performance Kit (5 spd) '91-'99	25647-91A 25649-91	.536"/.536" Cam only	256°/266°	Intake: 26° BTDC/50° ABDC Exhaust: 55° BBDC/30° ATDC	.209"/.236°
High Performance Kit (5 spd) '00-'03	25647-01 25649-01	.536"/.536" Cam only	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.

SCREAMIN' EAGLE PRO XL CAMSHAFT SPECS

A. 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 to choose a Spring Kit that best suits your application.

- 18223-98** Fits all Twin Cam, Evolution® 1340, and '86-'03 XL models. **\$129.95**
- 18273-00** Fits all Twin Cam, Evolution 1340, and '86-'03 XL models. **\$139.95**
- 18281-02** Fits all Twin Cam, Evolution 1340, and '86-'03 XL models. **\$149.95**

***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.

B. SCREAMIN' EAGLE VALVE SPRING SHIM KIT

This Valve 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 all Twin Cam, Evolution 1340, and '86-'03 XL models. **\$11.95**

C. SCREAMIN' EAGLE PERFORMANCE EXHAUST GASKET KIT

The exhaust gasket is a flat-woven stainless steel design that does not compress into the exhaust port, improving flow out of the head into the exhaust header pipe.

- 17048-98** Fits Evolution-equipped 1340 and XL models and '99-later Twin Cam 88®-equipped models. (pair) **\$7.95**



A. SCREAMIN' EAGLE VALVE SPRING KITS

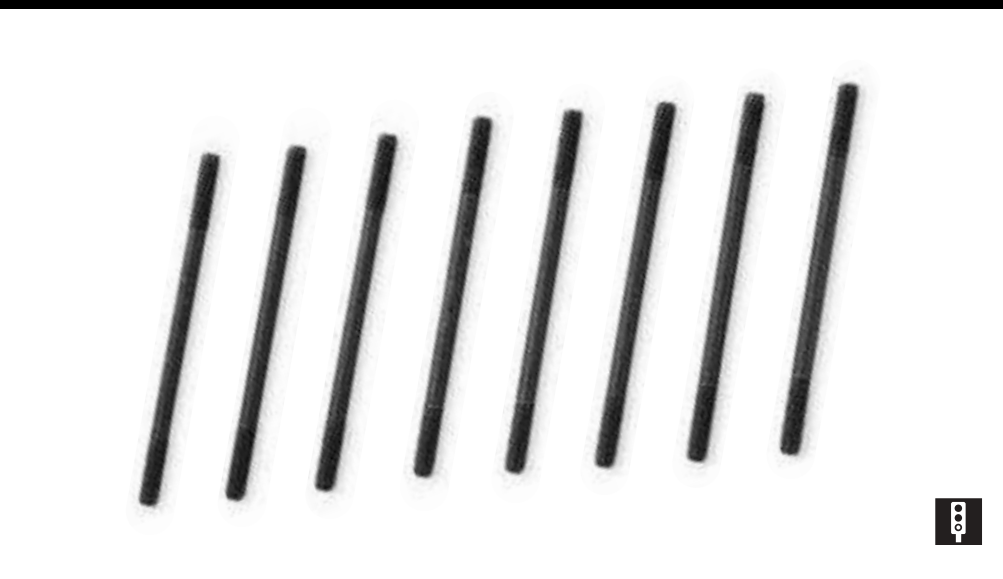
D. SCREAMIN' EAGLE ROLLER ROCKER ARMS



E. SCREAMIN' EAGLE TWIN CAM FORGED ROCKER SUPPORTS

Spring Kit	Force at 1.800" Installed Height	Recommended Max Lift	Spring Force at Max Lift	RPM Range	Spring Type	Upper Collar	Notes
18223-98	150	.620	345	0-6500	Double wound	Titanium	Used on SE EVO cyl. heads. Kit contains shims.
18273-00	175	.575	450	0-6500	Double wound with dampener	Steel	Used on SE Performance and HTCC Twin Cam heads.
18281-02	195	.650	505	0-7000	Double wound	Steel	Used on CNC ported "HTCC" Heads

SCREAMIN' EAGLE VALVE SPRING KIT CHART



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



B. SCREAMIN' EAGLE VALVE SPRING SHIM KIT



C. SCREAMIN' EAGLE PERFORMANCE EXHAUST GASKET KIT



G. SCREAMIN' EAGLE HIGH PERFORMANCE TOP END GASKET KIT



H. SCREAMIN' EAGLE HIGH PERFORMANCE HEAD GASKET KIT

D. 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. Modification is required on Twin Cam rocker covers.

- 17378-98** Fits '84-later Evolution®-equipped 1340 models, '86-later XL models and '99-later Twin Cam 88®-equipped models. **\$469.95**

E. 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 all Twin Cam 88-equipped models. **\$154.95**

F. 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 88-equipped models. **\$49.95**
- 16503-01** Fits '84-later Evolution 1340-equipped models. **\$49.95**
- 17004-01** Fits '86-later XL models. **\$49.95**

G. 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-later Evolution 1340-equipped models. **\$79.95**

H. 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 (PN 16503-01 or 17004-01).

- 17056-01** Fits Evolution 1340-equipped models and XL1200 models. **\$24.95**

A. SCREAMIN' EAGLE® TAPPETS

Precision machined to be reliable and durable even under high RPM and high lift cam applications. Uses large axle design for increased load carrying capacity. Sold in sets of 4.

18562-02 Fits '99-later Twin Cam®-equipped models and '00-later XL models. **\$269.95**

B. 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) (not shown) **\$259.95**

C. SCREAMIN' EAGLE TAPPETS AND TAPPET GUIDES FOR EVOLUTION 1340-EQUIPPED MODELS

Screamin' Eagle tappet guides and tappets are precision-machined to work together in high performance applications. Reliability, durability and power handling capacity are increased with these kits. Works great, looks great and runs quieter than stock. Includes new tappet guide gaskets.

NOTE: Clearances of high lift cams (above .510") should always be checked and the guides relieved as required.

18579-98 Chrome. Fits all Evolution 1340-equipped models. **\$599.95**

D. SCREAMIN' EAGLE QUICK-INSTALL PUSHROD KIT FOR TWIN CAM® EQUIPPED MODELS

These pushrods have been redesigned to allow for easier installation, adjustment, and improved durability. This unique Screamin' Eagle design allows for installation of camshafts in the Twin Cam 88 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 88-equipped models. **\$139.95**

NOTE: Screamin' Eagle Adjustable or Perfect Fit Pushrods are required when installing Screamin' Eagle Twin Cam Cylinder Heads and SE251, SE257, SE258, or SE260 Camshafts.

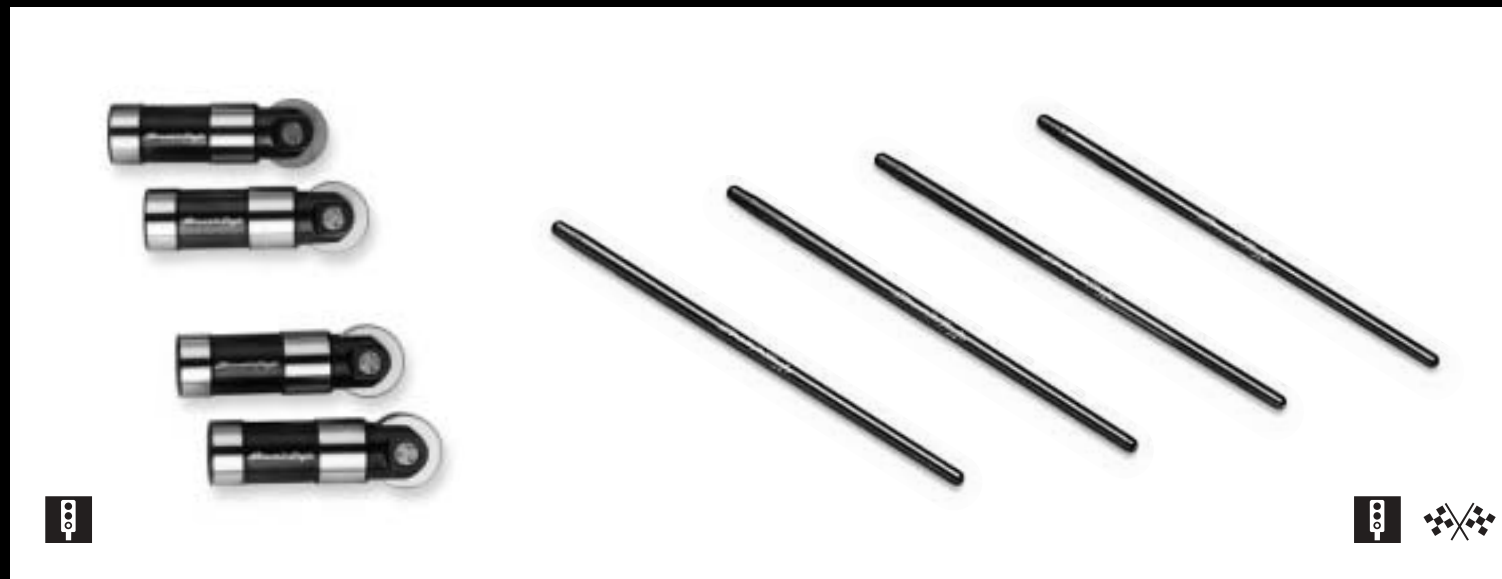
E. SCREAMIN' EAGLE QUICK-INSTALL PUSHROD KIT FOR EVOLUTION 1340-EQUIPPED MODELS

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. **\$99.95**



A. SCREAMIN' EAGLE TAPPETS



B. SCREAMIN' EAGLE TAPPETS

F. SCREAMIN' EAGLE PRO PERFECT FIT PUSHRODS



C. SCREAMIN' EAGLE TAPPETS AND TAPPET GUIDES FOR EVOLUTION 1340-EQUIPPED MODELS

Type of Cam Installed	Type of Head Installed		
	Original Equipment or 103+ Heads	Screamin' Eagle Ported HTCC or Standard HTCC Heads	Screamin' Eagle Performance Heads
Stock, SE203, SE204, SE211	18400-03	18402-03	18403-03
SE251	18401-03	18400-03	18402-03
SE257, SE258	18401-03	18400-03	18402-03
SE260, SE264	18416-04	18401-03	18400-03

SCREAMIN' EAGLE PRO PERFECT FIT PUSHROD APPLICATION CHART

F. 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. Sold in sets of 4.

18400-03 Original Equipment Length. Fits all Twin Cam engines equipped with SE251, 257 or 258 cams along with HTCC or Ported HTCC heads. Fits engines with stock cams, SE203, 204, or 211 cams and stock heads. Also fits engines with 260 cams and Screamin' Eagle Performance Heads. **\$119.95**

18401-03 +.030" Fits all Twin Cam engines equipped with SE260 cams, along with HTCC or Ported HTCC heads. Also fits engines with SE251, 257 or 258 cams and stock heads. **\$119.95**

18402-03 -.030" Fits all Twin Cam engines equipped with stock cams, SE203, 204 or 211 cams along with HTCC or Ported HTCC heads. Also fits engines with SE251, 257 or 258 cams and Screamin' Eagle Performance Heads. **\$119.95**

18403-03 -.060" Fits all Twin Cam engines equipped with stock cams, SE203, 204 or 211 cams along with Screamin' Eagle Performance Heads. **\$119.95**

18416-04 +.060" Fits all Twin Cam engines equipped with SE260 or 264 cams along with Original Equipment or Screamin' Eagle103+ Heads. **\$119.95**

G. SCREAMIN' EAGLE ADJUSTABLE PUSHROD KITS - CHROME MOLY

Strong and rigid for reduced flexing and greater valve train control. Can be used with hydraulic or solid lifters. Includes four adjustable chrome moly pushrods.

17900-87 Fits '84-'99 Evolution 1340-equipped models. **\$94.95**

H. SCREAMIN' EAGLE ADJUSTABLE PUSHROD KITS - ALUMINUM

Manufactured of lightweight aluminum tubing. Expansion characteristics are compatible with cylinders and cylinder heads. Can be used with hydraulic or solid lifters. Includes four adjustable aluminum pushrods.

17900-84A Fits '84-'99 Evolution® 1340-equipped models. **\$86.95**



D. SCREAMIN' EAGLE QUICK-INSTALL PUSHROD KIT FOR TWIN CAM EQUIPPED MODELS



E. SCREAMIN' EAGLE QUICK-INSTALL PUSHROD KIT FOR EVOLUTION 1340-EQUIPPED MODELS

G. SCREAMIN' EAGLE ADJUSTABLE PUSHROD KIT - CHROME MOLY



H. SCREAMIN' EAGLE ADJUSTABLE PUSHROD KITS - ALUMINUM

A. SCREAMIN' EAGLE® PRO RACE USE PRIMARY GEARING KIT 

This is the kit that will help you get the holeshoot at the race track. This kit increases vehicle acceleration by allowing the engine to spin higher RPM at any given vehicle speed. This new combination results in a 1.7:1 primary drive ratio, versus the stock 1.44:1 ratio. Requires separate purchase of Primary Cover Gasket. Kit includes 21 tooth compensator (25 tooth is stock) sprocket and primary chain. **For race application only.**

40331-02 Fits '94-later Softail® and Dyna models. **\$134.95**

40200-02 Fits '94-later Touring models ('99-'01 fuel-injected models require 36 Tooth Clutch P/N 37707-98A). **\$134.95**

B. V-ROD® 28 TOOTH SPROCKET GEAR KIT 

Add extra punch off the line with this 28 tooth sprocket gear and belt kit. This kit lowers the gearing on '02-'03 models, and is Original Equipment on the 2004 V-Rod. Installation of this kit requires dealer-installed ECM recalibration.

40014-04K Fits '02-'03 VRSC models. Stock on '04 Domestic models. **\$244.95**

C. SCREAMIN' EAGLE RACE CLUTCH KIT 

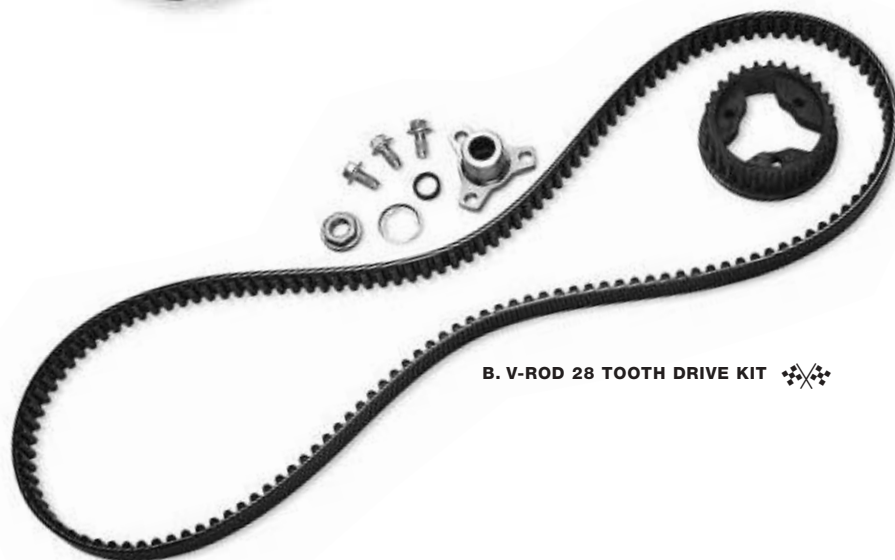
This clutch has an innovative design that features new long life friction plates and 6 individual coil springs to adjust your clutch to your specific needs. Designed to handle up to 162 lb.-ft. of torque at the crank.

37970-03 Fits '90-'99 Evolution® 1340-equipped models and '99-later Twin Cam 88®-equipped models. **\$384.95**

NOTE: '94-'97 Evolution 1340-equipped models require Clutch Shell P/N 37707-98 and Rod Adjuster Screw P/N 37090-98.



A. SCREAMIN' EAGLE PRO RACE USE PRIMARY GEARING KIT 



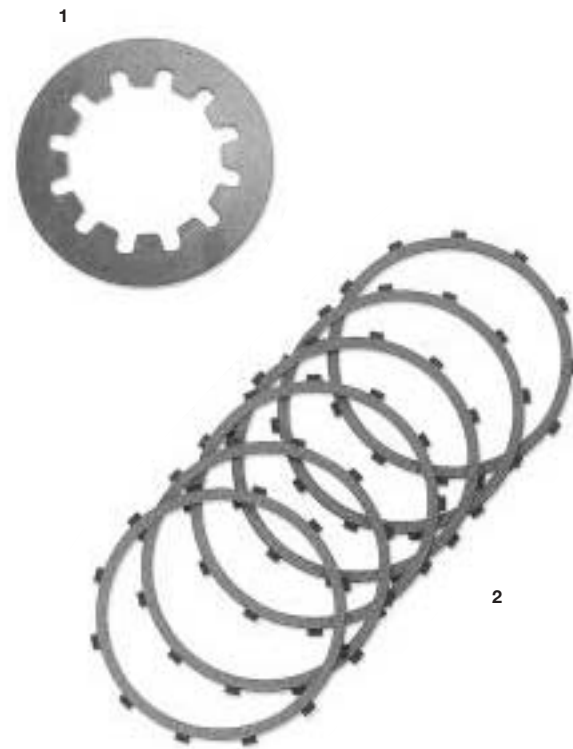
B. V-ROD 28 TOOTH DRIVE KIT 



C. SCREAMIN' EAGLE RACE CLUTCH KIT 



D. SCREAMIN' EAGLE PERFORMANCE CLUTCH KIT 



E. HIGH PERFORMANCE CLUTCH DISCS/SPRING FOR ALL '89-EARLIER MODELS 

D. SCREAMIN' EAGLE® PERFORMANCE CLUTCH KIT 

Kit increases capacity of the '98-later clutch design by over 28% to 125 lb.-ft. of torque at the crank. Includes new long life friction discs, steel plates, and higher-pressure (10%) diaphragm spring. Clutch Spring P/N 37951-98 is also sold separately to assist in increasing capacity of stock clutch.

37969-03 Fits '98-later Evolution® 1340-equipped models and '99-later Twin Cam 88®-equipped models. **\$229.95**

Clutch Spring (not shown) **37951-98** **\$24.95**

E. HIGH PERFORMANCE CLUTCH DISCS / SPRING FOR ALL '89-EARLIER MODELS 

Offers increased clutch capacity. Reduces clutch slippage and resultant heat build-up under heavy use/high performance engines.

1. Screamin' Eagle Clutch Spring
37875-86A Fits '84-1/2-'89 1340cc wet clutch models. **\$23.95**

2. Screamin' Eagle Clutch Discs
37931-84 Fits '82-1/2-'89 1340cc wet clutch models. Stock production on '87-'89 models. Set of six. **\$79.98**

Also available; 

HIGH PERFORMANCE CLUTCH SPRINGS
Offers increased clutch capacity. Reduces clutch slippage and resultant heat build-up under heavy use/high performance engines.

36783-87 Fits '84-1/2-'90 XL alternator models. (not shown) **\$23.95**

37924-04 Fits '04-later XL883 models. Stock on '04 XL1200 models. (not shown) **\$28.00**

Ignition

WHEN SPARKS FLY

While many racers focus on enhancing performance by increasing airflow in and out of their engines, getting the most efficient burn of the air/fuel mixture delivered to the cylinder is an equally effective way to boost on-track horsepower and torque output. And while it may not be the most visible part of the performance equation, your ignition system has plenty to say when it comes to increasing engine power. When building a racing engine, you can depend on Screamin' Eagle® Pro Racing Parts to deliver the maximum spark.

IGNITION BASICS

The ignition system's job is to provide a spark at a specific moment in the engine's cycle that starts the combustion process inside the cylinder. In a perfect world, your engine would burn every last bit of the air/fuel mixture—sometimes called the “intake charge”—delivered to the cylinder, getting the most “bang” from what it's given. Since that's virtually impossible, the goal is to time the spark so that it burns as much of the intake charge as possible, maximizing potential output. Every racing engine configuration has its own

unique requirements for optimum spark timing, because many things affect how fast the intake charge will be burned. In a stock ignition, the spark generally has a short duration, and does not possess the power needed for a race-track application.

PERFORMANCE IGNITION

Setting up your bike for the track involves making your engine capable of revving higher and optimizing spark timing to attain the most efficient burn of the intake charge. The ignition on a stock Harley-Davidson® motorcycle is equipped with a rev limiter that's ideal for motorcycles operating in street-legal conditions, but it cannot be adjusted for race use. Screamin' Eagle® Pro Race Ignition Systems include ignition modules specifically designed to reset your rev limiter into a high-performance RPM range and allow you to choose from a variety of pre-set ignition curves to match racing conditions. Delivering the ultimate in performance ignition technology, the software-based Screamin' Eagle® Pro Ignition Race Tuner System is programmed with all current Race-Use ignition curves, and lets you fine-tune each one for the track using a personal computer.

SPARK PLUGS AND WIRES

Many factors affect the efficiency of the fuel burn. Combustion chamber and inlet design, the air/fuel mixture quality, and the timing and duration of the spark all have an impact on the power generated at ignition. They may be small, but spark plugs play a vital role in engine performance and should never be overlooked when making racing modifications. With three platinum points for superior erosion resistance and extended life, Screamin' Eagle Triple Platinum Performance Spark Plugs feature patented “split-V” style electrodes to provide outstanding spark quality. And don't forget about your spark plug wires—after all, it's their responsibility to carry the voltage signal from the ignition coil to your spark plugs. Screamin' Eagle® Performance Spark Plug Wires feature an advanced boot design, and are engineered for carrying the high-voltage signal of a performance configuration.

SCREAMIN' EAGLE® PERFORMANCE
SPARK PLUG WIRES



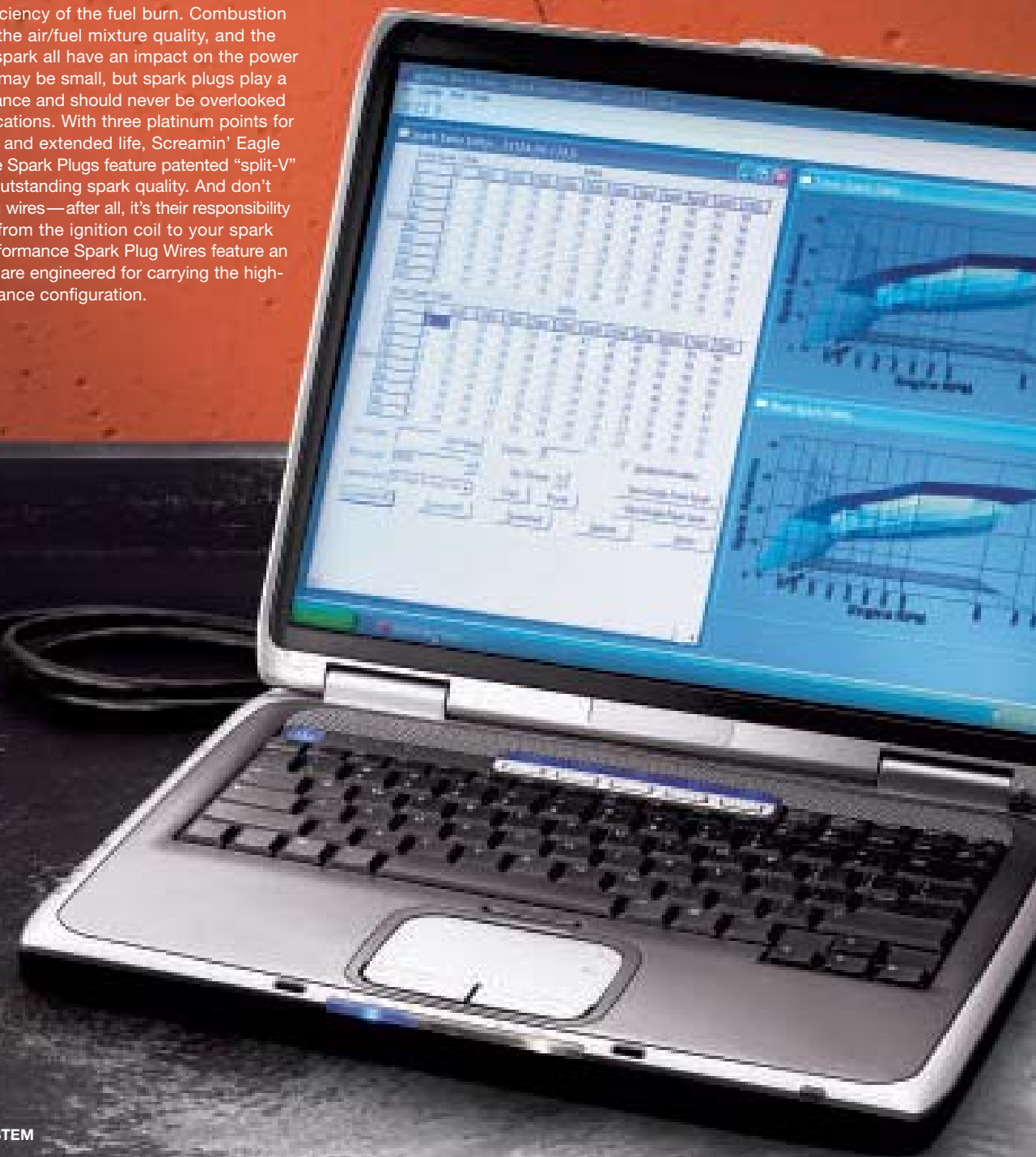
SCREAMIN' EAGLE® TRIPLE PLATINUM
PERFORMANCE SPARK PLUGS

SCREAMIN' EAGLE® PRO PERFORMANCE
AND RACE IGNITION MODULES

SCREAMIN' EAGLE® PRO
ADJUSTABLE MAP IGNITION SYSTEM



SCREAMIN' EAGLE® PRO
IGNITION RACE TUNER SYSTEM



A. SCREAMIN' EAGLE® PRO IGNITION RACE TUNER SYSTEM

This software-based ignition package is the ultimate way to make timing and rev limit changes to 2004 and later carbureted Harley-Davidson® motorcycles. This system is programmed with all the current Screamin' Eagle Race-Use ignition maps, and allows fine-tuning of each one. The complete kit includes tuning software on a CD, a communications interface that electronically locks to the ignition control module, and the required cables to connect a PC to the vehicle. The software contains an electronic User's Manual to aid in selecting the ideal ignition map for the vehicle configuration. **For race application only.**

32124-04 Fits all '04-later carbureted models. **\$339.95**



SPARK TABLE EDITOR SCREEN



	2500	3000	3500	4000	4500	5000	6000
25	33	41	50	50	50	50	50
25	33	41	50	50	50	50	50
25	31	37	50	50	50	50	50
25	29	34	50	50	50	50	50
22	25	31	39	39	39	43	50
21	22	29	33	33	35	35	43
20	20	29	29	30	31	31	38
24	25	26	29	29	29	30	30
24	25	26	29	29	29	30	30

	RPM									
	1000	2000	2500	3000	3500	4000	4500	5000	6000	7000
28	36	41	50	50	50	50	50	50	50	50
28	36	41	50	50	50	50	50	50	50	50
28	36	38	50	50	50	50	50	50	50	50
35	37	50	50	50	50	50	50	50	50	50
34	35	44	46	46	47	48	50			
29	34	37	41	41	41	45	49			
30	31	32	35	35	35	37	38			
		29	30	31	33	33	37			
							33			

A. SCREAMIN' EAGLE PRO IGNITION RACE TUNER SYSTEM

B. SCREAMIN' EAGLE® PRO ADJUSTABLE MAP IGNITION SYSTEM

This system changes timing by not only engine RPM but by the load the engine is seeing. It has 4 selectable 3D ignition maps, rev limits up to 7500 RPM (do not exceed 6200 RPM on Twin Cam 88B® engines) and adjustable initial timing. This system comes with a separate hand held controller for making all adjustments. The module mounts in the stock location and is a must have for the serious engine builder. **For race application only.**

32704-01 Fits all '99-'03 carbureted Twin Cam 88-equipped models. **\$299.95**



B. SCREAMIN' EAGLE PRO ADJUSTABLE MAP IGNITION SYSTEM

C. SCREAMIN' EAGLE PRO SELECTABLE CURVE RACING IGNITION MODULE

These modules provide four selectable curves and rev limits. Ignition can be tuned to optimize the performance of various combinations of high performance parts. Single or dual fire capability. **For race application only.**

32654-98 Fits '94 FL's and '95-'99 Evolution® 1340 carburetor equipped models (except '95 Softail® models), and '94-'97 XL's (except XL1200S). **\$259.95**

32655-98 Fits '94-earlier FX and Softail® models and '93-earlier FL and XL models. '90-earlier models require P/N 32408-90 for proper fitment. **\$259.95**



C. SCREAMIN' EAGLE PRO SELECTABLE CURVE RACING IGNITION MODULE



D. SCREAMIN' EAGLE PRO ADJUSTABLE IGNITION SYSTEM

D. SCREAMIN' EAGLE PRO ADJUSTABLE IGNITION SYSTEM

This ignition system allows the Sportster® rider to tune the engine's ignition with 10 different curves to maximize performance for stock or modified engines. Allows rev limit adjustability in 100 RPM increments. Module connects to existing wiring harness and contains an LED to easily static-time the engine during installation. **For race application only.**

32942-02 Fits '98-'03 XL models (except XL1200 Sport). **\$259.95**

A. SCREAMIN' EAGLE® PRO PERFORMANCE IGNITION SYSTEMS - '04 TWIN CAM® MODELS



This module is programmed to complement engines with stock compression and mild engine enhancements and will allow the engine to turn 6200 RPM and retards timing by 5 degrees at wide-open throttle. **For race application only.**

31787-04	Fits '04 Dyna models.	\$119.95
31792-04	Fits '04 Softail® and Touring models.	\$119.95

SCREAMIN' EAGLE PRO RACE IGNITION SYSTEMS - '04 TWIN CAM MODELS



This module provides the required ignition timing for high-performance engine modifications, including performance cams, raised compression, and added displacement. The module retards ignition timing by 10 degrees at wide-open throttle. **For race application only.**

6200 RPM Limit

31788-04	Fits '04 Dyna models.	\$119.95
31793-04	Fits '04 Softail and Touring models.	\$119.95

7000 RPM Limit

31789-04	Fits '04 Dyna models.	\$119.95
31794-04	Fits '04 Touring models.	\$119.95

B. SCREAMIN' EAGLE PRO PERFORMANCE IGNITION SYSTEM - '04 XL MODELS



This module is programmed to allow the engine to turn 7000 RPM and retards timing by 5 degrees at wide-open throttle. **For race applications only.**

31758-04	Fits '04-later XL883/C models.	\$119.95
31759-04	Fits '04-later XL1200C/R models.	\$119.95

C. SCREAMIN' EAGLE PRO RACE IGNITION SYSTEMS FOR CARBURETED TWIN CAM EQUIPPED MODELS



These kits include an exclusive coil and module combination that provide powerful and accurate spark to your engine. Race module calibrations retard wide open throttle ignition timing by ten degrees, to work with high performance engine enhancements (cams, raised compression, added displacement). **For race application only.**

7000 RPM Race

31713-01	Black.	\$199.95
Fits '99-'01 carbureted Touring models. (not shown)		
32724-01	Black.	\$199.95

NOTE: Do not install 7000 RPM Race Modules on any other model than those specified.

6200 RPM Race

Fits '00-'03 carbureted Softail® models, and '99-'03 carbureted Dyna models, and '02-'03 Touring models.		
31775-01A	Black.	\$199.95
Fits '99-'01 carbureted Touring models. (not shown)		
32810-01	Black.	\$199.95

SCREAMIN' EAGLE PRO PERFORMANCE IGNITION SYSTEMS FOR CARBURETED TWIN CAM EQUIPPED MODELS



These kits include an exclusive coil and module combination that provide a powerful and accurate spark to your engine. Performance module calibrations retard wide open throttle ignition timing by five degrees, to work with mild engine enhancements (stock compression ratio only). **For race application only.**

6200 RPM Performance

Fits '00-'03 carbureted Softail models and '99-'03 carbureted Dyna models, and '02-'03 Touring models.		
31710-01A	Black.	\$199.95
Fits '99-'01 carbureted Touring models. (not shown)		
32721-01	Black.	\$199.95



A. SCREAMIN' EAGLE PRO PERFORMANCE IGNITION SYSTEMS - '04 TWIN CAM MODELS



D. SCREAMIN' EAGLE PRO RACE IGNITION MODULES



B. SCREAMIN' EAGLE PRO PERFORMANCE IGNITION SYSTEMS - '04 XL MODELS

F. SCREAMIN' EAGLE PERFORMANCE COILS - EVOLUTION



C. SCREAMIN' EAGLE PRO RACE IGNITION SYSTEMS FOR CARBURETED TWIN CAM EQUIPPED MODELS

G. SCREAMIN' EAGLE PRO SINGLE-FIRE COIL



H. SCREAMIN' EAGLE SINGLE-FIRE COIL COVER

D. SCREAMIN' EAGLE® PRO RACING IGNITION MODULES



For race application only.

32421-85B	8000 RPM. Fits '94-earlier FX and Softail® models and '93-earlier FL models. '90-earlier models require P/N 32408-90 for proper fitment.	\$124.95
32421-94	8000 RPM. Fits '94 FL's and '95-'99 Evolution 1340 carburetor equipped models (except '95 Softail models).	\$124.95
32597-96	6800 RPM. Fits '88-'93 XL models. '90-earlier models require P/N 32408-90 for proper fitment.	\$114.95
32598-96	6800 RPM. Fits all '94-'97 XL models.	\$114.95
32420-87B	8000 RPM. Fits '88-'93 XL1200 models. '90-earlier models require P/N 32408-90 for proper fitment.	\$114.95
32420-94	8000 RPM. Fits all '94-'97 XL models.	\$114.95

E. SCREAMIN' EAGLE PRO IGNITION MODULES - SPORTSTER®



These modules increase peak horsepower and allow performance bikes to turn higher RPMs.

Rev limited to 6800 RPM.

32978-98A	Fits '98-'03 XL1200 models (except XL1200S).	\$119.95
32979-98A	Fits '98-'03 XL883 models.	\$119.95

Rev limited to 7500 RPM.

32969-98	Fits '98-'03 XL1200 models (except XL1200S).	\$119.95
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F. SCREAMIN' EAGLE PERFORMANCE COILS - EVOLUTION®



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-later XL models with electronic ignitions (except '98-later XL1200S.)

1. 31653-97	Black.	\$54.95
2. 31654-97	Red.	\$54.95
3. 31620-88A	Orange.	\$49.95

G. SCREAMIN' EAGLE PRO SINGLE-FIRE COIL



These high-output single-fire coils are the perfect complement to the Screamin' Eagle Selectable Curve Race Ignition Modules. 30,000 volts per tower and 3 ohm resistance provides the spark energy for race applications. Coil covers sold separately. Kit includes necessary wiring harness. **For race application only.**

Fits '84-'99 carbureted Evolution® 1340-equipped and Evolution-equipped XL models equipped with Screamin' Eagle Selectable Curve Racing Ignition Modules P/Ns 32654-98 or 32655-98 (except FLT, FXR and XL1200S).

31746-98A	Black.	\$89.95
31748-98A	Red.	\$89.95

H. SCREAMIN' EAGLE SINGLE-FIRE COIL COVER



Chrome cover designed exclusively to fit over the Screamin' Eagle single fire coils.

31761-98	Fits '84-'98 Evolution 1340-equipped Dyna models with Screamin' Eagle Single-Fire Coil.	\$13.95
31762-98A	Fits '84-'99 Evolution 1340-equipped Softail® models with Screamin' Eagle Single-Fire Coil.	\$17.95

A. SCREAMIN' EAGLE® PERFORMANCE SPARK PLUG WIRES FOR TWIN CAM® EQUIPPED MODELS

Exclusive boot design ensures positive connection to the coil. 8mm wires transmit maximum voltage to fire the spark plugs.

Fits '99-later Dyna models (shown).		
31930-99A	Black.	\$12.95
31937-99A	Red.	\$12.95
31944-99A	Orange.	\$12.95
Fits '00-later Softail® models.		
32358-00A	Black.	\$12.95
32359-00A	Red.	\$12.95
32360-00A	Orange.	\$12.95
Fits '99-later Touring models.		
31932-99A	Black.	\$12.95
31939-99A	Red.	\$12.95
31946-99A	Orange.	\$12.95

B. SCREAMIN' EAGLE XL1200S PERFORMANCE SPARK PLUG WIRES

Increases power transfer from the coil to the plugs. 8mm silicon-booted suppression core wires come in several colors and feature a "Screamin' Eagle" script printed on the wire. Unique, new boots provide a secure connection and grip to plugs, as well as secure durability for the "chimney" spark plug.

Fits '98-'03 XL1200S models.		
32054-98	Black.	\$31.95
32055-98	Red.	\$31.95
32056-98	Orange.	\$31.95
32072-98	Yellow.	\$31.95

C. SCREAMIN' EAGLE TERMINATED PLUG WIRE KITS FOR EVOLUTION® EQUIPPED MODELS

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. Available in black with orange "Screamin' Eagle" script or orange with black script. See matrix below.

ORANGE	BLACK	FITMENT	PRICE
31957-97	32094-98	Fits '97-'98 FLHT, FLHTC, FLHTCU and FLHR models.	\$12.95
31961-89	32090-98	Fits all '82-'99 FXR models.	\$12.95
31962-89	32091-98	Fits '85-'96 Evolution 1340 FLT, FLHT, FLHR and '82-'93 FLHS models.	\$12.95
31964-89A	32093-98	Fits '80-'84 FLH, '85-'99 Softail, and '91-'98 FXD models.	\$12.95
31963-89	32092-98	Fits all '86-later XL models (except XL1200S).	\$12.95

Multi-Fit High-Temp 8mm Plug Wire Kit (not shown)			
Features silicone plug boots and suppression core wire so electronic ignition is not affected. Coil terminals and boots for straight or 90 degree connection.			
YELLOW	BLACK	FITMENT	PRICE
31987-85A	32095-98	Universal application. (except '98-later XL 1200S and '99-later Twin Cam 88 models).	\$11.50

D. TACH COVER

This orange cover with "Screamin' Eagle" script helps protect tach from the elements when not in use. For race application only.

98838-97A	Fits all Screamin' Eagle racing tachometers.	\$17.00
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E. PRECISION RACING 5-INCH TACHOMETER WITH SHIFT LIGHT

5-inch (10,000 RPM) with "Screamin' Eagle" graphics. Includes adjustable shift light and manual shift point indicator. Comes complete with all necessary brackets and hardware. For race application only.

67377-97	\$334.95
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A. SCREAMIN' EAGLE PERFORMANCE SPARK PLUG WIRES FOR TWIN CAM EQUIPPED MODELS



B. SCREAMIN' EAGLE XL1200S PERFORMANCE SPARK PLUG WIRES



C. SCREAMIN' EAGLE TERMINATED PLUG WIRE KITS FOR EVOLUTION 1340-EQUIPPED MODELS



D. TACH COVER



E. PRECISION RACING 5-INCH TACHOMETER WITH SHIFT LIGHT

F. SCREAMIN' EAGLE® TRIPLE PLATINUM PERFORMANCE SPARK PLUG

Three platinum points provide superior erosion resistance and extended life. Split "V" side electrode better exposes the spark to air/fuel mixture. Fine wire center electrode improves starting characteristics. Sold in packages of two.

32996-01	Fits '99-later Twin Cam 88®-equipped models, '86-'01 XL883, 1100 and 1200 models. Standard heat range for stock or mildly modified engines.	\$15.90
32997-01	Fits '99-later Twin Cam 88®-equipped models, '86-later XL883, 1100 and 1200 models. Slightly colder heat range for high performance engines with raised compression.	\$15.90
32998-01	Fits all Evolution™ 1340-equipped models, '75-'81 Shovelhead™ 1200 and 1340 models. Standard heat range for stock or mildly modified engines.	\$15.90



F. SCREAMIN' EAGLE TRIPLE PLATINUM PERFORMANCE SPARK PLUG



G. SCREAMIN' EAGLE PERFORMANCE SPARK PLUGS

G. SCREAMIN' EAGLE PERFORMANCE SPARK PLUGS

For stock or high-performance competition use. Split-V electrode resists fouling. Improved combustion efficiency. Available for a wide variety of Harley-Davidson® engines. Ceramic insulator is identified with "Screamin' Eagle" logo and H-D code. Each plug is pre-gapped to Harley-Davidson specifications. Patented. Sold in pairs.

See Chart Below		\$13.00 pair
Twin Cam 88®	H-D Code & Model Application	Part Number
'99-later Twin Cam 88-equipped models. Stock and modified engines 1.●		EX12S 32320-91
'99-later Twin Cam 88-equipped models. High performance engines 2.●●		EX12P 32321-91
Evolution®, Shovelhead™, Panhead™	H-D Code & Model Application	Part Number
'84-'99 Evolution® 1340-equipped models		EVS13S
'75-'81 Shovelhead 1200/1340-equipped models. Stock and modified engines 1.●		32326-91
'84-'99 Evolution 1340-equipped models		EVS13P
'75-'81 Shovelhead 1200/1340-equipped models. High performance engines 2.●●		32327-91
'82-'84 Low Compression Shovelhead 1340 engines. Stock and modified engines 1.●		SH13S 32323-91
'48-'74 Shovelhead/Panhead 1200 engines. Stock and modified engines 1.●		SH12S 32324-91
Sportster®	H-D Code & Model Application	Part Number
'86-later Evolution XL883/1100/1200. Also fits Screamin' Eagle Evolution 1340 cylinder heads. Stock and modified engines 1.●		EX12S 32320-91
'86-later Evolution XL883/1100/1200. Also fits Screamin' Eagle cylinder heads for Evolution engines. High performance engines 2.●●		EX12P 32321-91
'72-'85 XL1000 (except XR1000) engines. Stock and modified engines 1.●		XL10S 32322-91
'83-'84 XR1000 engines. Stock or high performance engines 2.●●		EVS13P 32327-91

●1. Modified engines may include modifications such as performance carburetors, air cleaners, cam-shafts, exhaust systems, and ignition components in conjunction with standard compression ratios. ●●2. High performance competition engines may include all of the above modifications in conjunction with higher than stock compression ratios or engines used for racing applications.

Exhaust

MORE THAN JUST HOT AIR

One of the primary ways to enhance your race bike's performance is by installing a high-flowing exhaust system capable of moving large volumes of spent fuel and air out of your engine with greater efficiency. This alone can help generate sizable gains in horsepower and torque. Screamin' Eagle® Pro Racing Parts provide options that let you tailor the performance to track demands.

EXHAUST BASICS

After the air and fuel mixture in your cylinder's combustion chamber is burned, it is expelled as hot gases through the exhaust ports in the cylinder head and travels through your header pipes and mufflers before being released back into the air. The more efficiently the exhaust system can help purge the cylinder of those gases, the more fresh air and fuel can enter the combustion chamber, increasing the engine's efficiency and power production.

A less restrictive, higher-flowing exhaust system can actually help "scavenge" or draw, a greater volume of exhaust gas out of your engine, making it able to operate more efficiently and create more power at the track.

DESIGN

There's an incredibly wide range of off-road exhaust options available to you, but most exhaust systems fall into two categories: 2-into-1, or 2-into-2 systems. The most common is the 2-into-2 design, in which the two header pipes attached to your cylinders retain their own exhaust outlets, and may connect at a crossover to equalize outgoing pressure. By contrast, 2-into-1 systems have the header pipes connecting at a collector so that they share a common exhaust outlet. What you need to keep in mind is that everything from the diameter and length of your header pipes to the shape and diameter

of your mufflers affects how your engine performs in a different way. So what you need to do is match the performance characteristics of your exhaust components with the specific track performance goals you're trying to achieve.

PERFORMANCE VS. NOISE

Contrary to popular opinion, just because a pipe is louder doesn't necessarily mean it performs better. In most cases a certain amount of back pressure, 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 to 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.



SCREAMIN' EAGLE® PRO II
SLIP-FIT MUFFLERS, SLASH DOWN

SCREAMIN' EAGLE® PRO
TUNABLE 2-INTO-1 EXHAUST SYSTEM

SCREAMIN' EAGLE® PRO II+
SLIP-FIT MUFFLERS WITH GROOVED
BILLET STYLE END CAPS

SCREAMIN' EAGLE® PRO
PERFORMANCE MUFFLERS WITH SLASH
CUT BILLET STYLE END CAP

SCREAMIN' EAGLE® PRO
SLIP-FIT TORQUE MUFFLERS

SCREAMIN' EAGLE® PRO 2-INTO-1
EXHAUST SYSTEM



Screamin' Eagle® Pro Slip-Fit Mufflers

With fresh-from-the-factory stock looks that disguise track-tearing performance, Screamin' Eagle® Pro Slip-Fit Mufflers boast a higher-flowing design with new internals that boost horsepower and torque production. Designed to simplify installation at trackside, these mufflers "slip-fit" with the original equipment headers and mounting points.

❖ For race application only.



A. SCREAMIN' EAGLE PRO SLIP-FIT MUFFLER KIT FOR VRSC MODELS



B. SCREAMIN' EAGLE PRO SLIP-FIT MUFFLER FOR XL883R MODELS

A. SCREAMIN' EAGLE® PRO SLIP-FIT MUFFLER KIT FOR VRSC MODELS

These mufflers look like stock, but that's where the similarity ends. New internals add horsepower and a deeper rumble. The mufflers have a "Screamin' Eagle" script and larger exits to show the race competition you mean business. Requires ECM recalibration. **For race application only.**

65030-02	Fits '02-later VRSC models.	\$499.95
	Required ECM Calibration.*	\$149.95
	Total Package Price.	\$649.90

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

B. SCREAMIN' EAGLE PRO SLIP-FIT MUFFLER FOR XL883R MODELS

The sound and the fury. This muffler will add a deep rumble to your 883R model's exhaust note and increase both peak horsepower and torque. Features "Screamin' Eagle" script embossed on muffler. Fits on stock headers and includes collector heat shield and all necessary hardware. **For race application only.**

80069-02	Fits '02-'03 XL883R models.	\$309.95
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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.



Screamin' Eagle® Pro Performance Slip-Fit Torque Mufflers

Engineered for producing track-tearing foot-pounds, Screamin' Eagle® Pro Slip-Fit Torque Mufflers feature a free-flowing, tapered design that retains the look of your stock mufflers while delivering enhanced competition performance. Manufactured for simple track-side installation, these "slip-fit" mufflers are designed to perform with the original equipment exhaust headers and crossover for proper back-pressure and engine tunability.

❖❖ For race application only.



A. SCREAMIN' EAGLE PRO SLIP-FIT TORQUE MUFFLERS - SPORTSTER



B. SCREAMIN' EAGLE PRO SLIP-FIT TORQUE MUFFLERS - DYNA



C. SCREAMIN' EAGLE PRO SLIP-FIT TORQUE MUFFLERS, SHOTGUN - SOFTAIL



D. SCREAMIN' EAGLE PRO SLIP-FIT TORQUE MUFFLERS, SHORTY DUAL - SOFTAIL

A. SCREAMIN' EAGLE® PRO SLIP-FIT TORQUE MUFFLERS - SPORTSTER ❖❖

80051-00 Fits '98-'03 XL (except 883R), '92-'03 883 Hugger, '96-'03 XL1200C and all '92-'03 XL models equipped with Profile Low Rear Suspension P/N 54571-94. **\$219.95**

B. SCREAMIN' EAGLE PRO SLIP-FIT TORQUE MUFFLERS - DYNA ❖❖

80061-00 Fits '95-later Dyna models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$219.95**

SCREAMIN' EAGLE PRO SLIP-FIT TORQUE MUFFLERS - SOFTAIL ❖❖

C. Shotgun

80390-01 Fits '00-later FLSTF & FXSTD Softail® models with shotgun style exhaust. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$249.95**

D. Shorty Dual

80388-01 Fits '00-later Softail models (except FLSTF & FXSTD) with staggered dual-style exhaust. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$249.95**

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.



Screamin' Eagle® Pro II Slip-Fit Mufflers

Sporting an advanced, free-flow baffle design, Screamin' Eagle® Pro II Slip-Fit Mufflers deliver increased horsepower and torque levels over a wide RPM range. Long-lasting woven stainless steel blankets are engineered to insulate the outer muffler case from excessive heat and provide the necessary back-pressure for excellent on-track performance. Screamin' Eagle Pro II Mufflers are designed to "slip-fit" with the original equipment headers for simple trackside pre-race installation.

❖❖ For race application only.



A. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS, BALONEY CUT - SPORTSTER



B. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS, SLASH DOWN - SPORTSTER



C. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS, BALONEY CUT - SPORTSTER



D. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS, SLASH DOWN - SPORTSTER

SCREAMIN' EAGLE® PRO II SLIP-FIT MUFFLERS - SPORTSTER ❖❖

A. Baloney Cut - Chrome
80249-99A Fits '98-'03 XL models (except 883R); '92-'03 Hugger®; and '96-'03 XL Custom models. **\$209.95**

Baloney Cut - Black Coated
80322-99A Fits '98-'03 XL (except 883R), '92-'03 883 Hugger® and '96-'03 XL Custom models. **\$209.95**

B. Slash Down - Chrome
80290-99A Fits '98-'03 XL models (except 883R); '92-'03 Hugger®; and '96-'03 XL Custom models. **\$209.95**

Slash Down - Black Coated
80325-99A Fits '98-'03 XL (except 883R), '92-'03 883 Hugger and '96-'03 XL Custom models. **\$209.95**

C. Baloney Cut - Chrome
80424-04 Fits '04-later XL models. **\$249.95**

D. Slash Down - Chrome
80423-04 Fits '04-later XL models. **\$249.95**

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.

**SCREAMIN' EAGLE® PRO II
SLIP-FIT MUFFLERS - DYNA****A. Baloney Cut - Chrome**

80258-99A Fits '95-later Dyna models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$229.95**

B. Slash Down - Chrome

80293-99A Fits '95-later Dyna models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$229.95**

C. Baloney Cut - Black Coated

80331-99A Fits '95-later Dyna models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$209.95**

D. Slash Down - Black Coated

80334-99A Fits '95-later Dyna models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$209.95**

**A. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS - CHROME, BALONEY CUT - DYNA****B. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS - CHROME, SLASH DOWN - DYNA****C. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS - BLACK COATED, BALONEY CUT - DYNA****D. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS - BLACK COATED, SLASH DOWN - DYNA**

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.

**SCREAMIN' EAGLE® PRO II
SLIP-FIT MUFFLERS - SOFTAIL****E. Slash Down, Shotgun**

80444-03 Fits '00-later FLSTF and FXSTD models with shotgun style exhaust. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$249.95**

F. Baloney Cut, Shotgun

80445-03 Fits '00-later FLSTF and FXSTD models with shotgun style exhaust. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$249.95**

G. Slash Down, Shorty Dual

80447-03 Fits '00-later Softail® models with staggered dual-style exhaust. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$249.95**

H. Baloney Cut, Shorty Dual

80448-03 Fits '00-later Softail® models with staggered dual style exhaust. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$249.95**

**E. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS - SHOTGUN, SLASH DOWN - SOFTAIL****F. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS - SHOTGUN, BALONEY CUT - SOFTAIL****G. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS - SHORTY DUAL, SLASH DOWN - SOFTAIL****H. SCREAMIN' EAGLE PRO II SLIP-FIT MUFFLERS - SHORTY DUAL, BALONEY CUT - SOFTAIL**

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.



Screamin' Eagle® Pro II+ Slip-Fit Mufflers

Offering all the features and benefits of Screamin' Eagle® Pro II Slip-Fit Mufflers—including an advanced free-flow baffle design and significant torque and horsepower increases over a wide RPM range—Screamin' Eagle Pro II+ Slip-Fit Mufflers add replaceable billet-style endcaps (sold separately) for a durable finish.

❖ For race application only.



A. SCREAMIN' EAGLE PRO II+ SLIP-FIT MUFFLERS - SPORTSTER (SHOWN WITH SLOTTED BILLET STYLE END CAPS)



B. SCREAMIN' EAGLE PRO II+ SLIP-FIT MUFFLERS - DYNA (SHOWN WITH SLOTTED BILLET STYLE END CAPS)



C. SCREAMIN' EAGLE PRO II+ SLIP-FIT MUFFLERS, SHOTGUN - SOFTAIL (SHOWN WITH GROOVED BILLET STYLE END CAPS)



D. SCREAMIN' EAGLE PRO II+ SLIP-FIT MUFFLERS, SHORTY DUAL - SOFTAIL (SHOWN WITH GROOVED BILLET STYLE END CAPS)

A. SCREAMIN' EAGLE® PRO II+ SLIP-FIT MUFFLERS - SPORTSTER ❖

80217-02 Fits '98-'03 Sportster® (except 883R), '92-'03 883 Hugger™ and '96-'03 XL Custom models, and all '92-'03 Sportster models with Profile Low Rear Suspension. Requires separate purchase of two end caps. **\$209.95**

B. SCREAMIN' EAGLE PRO II+ SLIP-FIT MUFFLERS - DYNA ❖

80299-02 Fits '95-later Dyna models. Requires separate purchase of two end caps. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$209.95**

C. SCREAMIN' EAGLE PRO II+ SLIP-FIT MUFFLERS, SHOTGUN - SOFTAIL ❖

80223-02 Fits '00-later FLSTF and FXSTD models equipped with Shotgun Style exhaust. Requires separate purchase of two end caps. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$229.95**

D. SCREAMIN' EAGLE PRO II+ SLIP-FIT MUFFLERS, SHORTY DUAL - SOFTAIL ❖

80220-02 Fits '00-later Softail® models (except FLSTF and FXSTD) equipped with Shorty Dual-Style exhaust. Requires separate purchase of two end caps. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$259.95**

BILLET STYLE END CAP FOR SCREAMIN' EAGLE PRO II+ MUFFLERS ❖

Show the competition your tail. These great looking Billet End Caps are manufactured from extruded aluminum alloy and then fully machined and chrome-plated for a true custom look. Sold individually.

65147-02 Slotted. Fits Screamin' Eagle II+ Muffler P/Ns 80299-02, 80217-02, 80223-02 and 80220-02. **\$59.95**

65125-02 Grooved. Fits Screamin' Eagle II+ Muffler P/Ns 80299-02, 80217-02, 80223-02 and 80220-02. **\$59.95**



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.



Screamin' Eagle® Pro 16 Gauge Double Barrel Exhaust System

Featuring tough, 16-gauge steel construction and an exclusive, large-volume crossover chamber that helps generate serious torque and horsepower gains, the Screamin' Eagle® Pro 16 Gauge Double Barrel Exhaust System helps your race bike produce blistering performance. The system features an advanced baffle design developed to produce the back-pressure required for proper engine scavenging. The complete exhaust system includes header pipes, mufflers with crossover chamber, 220 degree wrap-around heat shields, and all necessary installation hardware.

❖❖ For race application only.



A. SCREAMIN' EAGLE PRO 16 GAUGE DOUBLE BARREL EXHAUST SYSTEM - DYNA



B. SCREAMIN' EAGLE PRO 16 GAUGE DOUBLE BARREL EXHAUST - SOFTAIL



C. SCREAMIN EAGLE PRO 16 GAUGE DOUBLE BARREL EXHAUST SYSTEM - V-ROD

A. SCREAMIN' EAGLE® PRO 16 GAUGE DOUBLE BARREL EXHAUST SYSTEM - DYNA ❖❖

64829-02 Fits '95-later Dyna models (except '03-later FXDWG). EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$524.95**

B. SCREAMIN' EAGLE PRO 16 GAUGE DOUBLE BARREL EXHAUST SYSTEM - SOFTAIL® ❖❖

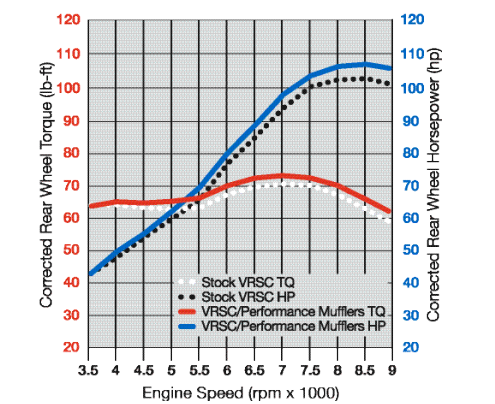
64901-02 Fits '00-later Softail® models (except FLSTS). EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$524.95**

C. SCREAMIN' EAGLE PRO 16 GAUGE DOUBLE BARREL EXHAUST SYSTEM - V-ROD ❖❖

64798-02 Fits '02-later VRSC models. **\$589.95**
 Required ECM Calibration.* **\$149.95**
 Total Package Price. **\$739.90**

'02 models require installation of Air Temperature Sensor Relocation Kit P/N 29434-01A.

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



VRSC STOCK VS. AIR CLEANER AND 16 GA DOUBLE BARREL MUFFLERS



Performance Air Cleaner	29793-02
16 Gauge Double Barrel Muffler Kit	64798-02

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.



Screamin' Eagle® Pro Tunable 2-Into-1 Exhaust System

Race winning performance. The ultimate in customizable performance exhaust, the Screamin' Eagle® Pro Tunable 2-Into-1 Exhaust System features 20 stackable diffusion discs that allow you to tailor exhaust back-pressure to achieve horsepower and torque levels that match your racing needs. This complete exhaust system includes head pipes, collector, tunable muffler, heat shields, and all required mounting hardware.

❖❖ For race application only.



A. SCREAMIN' EAGLE PRO TUNABLE 2-INTO-1 EXHAUST SYSTEM - DYNA



B. SCREAMIN' EAGLE PRO TUNABLE 2-INTO-1 EXHAUST SYSTEM - SOFTAIL



C. STACKABLE DIFFUSION DISC KIT

A. SCREAMIN' EAGLE® PRO TUNABLE 2-INTO-1 EXHAUST SYSTEM - DYNA ❖❖

80091-03 Fits '95-later Dyna models (except '03-later FXDWG). EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$539.95**

B. SCREAMIN' EAGLE PRO TUNABLE 2-INTO-1 EXHAUST SYSTEM - SOFTAIL® ❖❖

80093-03 Fits '90-later Softail models (except FLSTC and FLSTS). EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$539.95**

C. STACKABLE DIFFUSION DISC KIT ❖❖

Kit includes 6 discs and longer screws. **80110-03** For use with 2-into-1 Exhaust System P/N 80093-03 and 80091-03. **\$19.95**

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.



Screamin' Eagle® Pro 2-Into-1 Exhaust System

Designed exclusively for Harley-Davidson, the Screamin' Eagle® Pro 2-Into-1 Exhaust System packs professional-grade torque and horsepower numbers in a race-winning performance package. The complete system includes header pipes, collector, muffler, 220-degree heat shielding, and all required installation hardware.

❖❖ For race application only.



A. SCREAMIN' EAGLE PRO 2-INTO-1 EXHAUST SYSTEM - DYNA



B. SCREAMIN' EAGLE PRO 2-INTO-1 EXHAUST SYSTEM - SOFTAIL



C. SCREAMIN' EAGLE PRO 2-INTO-1 EXHAUST SYSTEM - TOURING

A. SCREAMIN' EAGLE® PRO 2-INTO-1 EXHAUST SYSTEM - DYNA ❖❖

64809-01 Fits '91-later Dyna models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$479.95**

B. SCREAMIN' EAGLE PRO 2-INTO-1 EXHAUST SYSTEM - SOFTAIL ❖❖

64796-00A Fits all '84-later Softail® models (except FLSTS). EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$469.95**

C. SCREAMIN' EAGLE PRO 2-INTO-1 EXHAUST SYSTEM - TOURING ❖❖

80400-01 Fits '99-later carbureted and '02-later EFI Touring models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$479.95**

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.



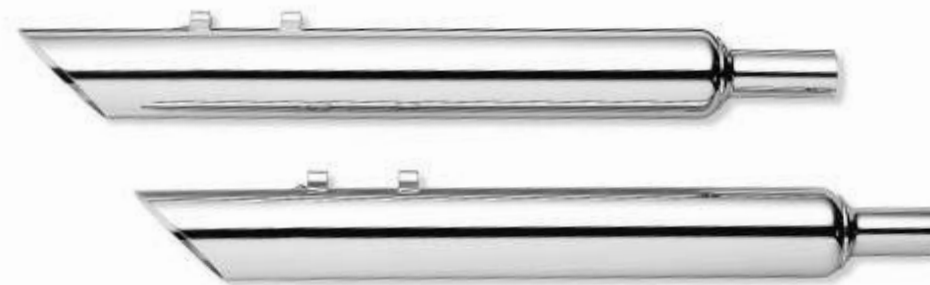
Screamin' Eagle® Pro Performance Mufflers

Engineered to deliver track-ready horsepower and torque increases for Touring models, Screamin' Eagle® Pro Performance Mufflers feature updated baffle construction, easy track-side "slip-fit" installation, and a two-piece design that allows you to add the end cap style of your choice (sold separately). A more affordable one-piece design is also available.

❖❖ For race application only.



A. SCREAMIN' EAGLE PRO PERFORMANCE MUFFLERS (SHOWN WITHOUT END CAPS)



B. SCREAMIN' EAGLE PRO ONE-PIECE PERFORMANCE MUFFLERS - SLASH DOWN



C. SCREAMIN' EAGLE PRO ONE-PIECE PERFORMANCE MUFFLERS - SLASH UP

A. SCREAMIN' EAGLE® PRO PERFORMANCE MUFFLERS ❖❖

These race track proven mufflers have been updated to improve cosmetic durability while delivering the increases in torque and horsepower that racers need. Mufflers for Touring models feature an embossed "Screamin' Eagle" logo. (End Caps not included and must be purchased separately.) **For race application only.**

65115-98B Fits '95-later FLT models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$379.95**

65116-98A Fits '97-'03 FLSTS models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$379.95**

SCREAMIN' EAGLE PRO ONE-PIECE PERFORMANCE MUFFLERS ❖❖

These mufflers, which feature a free-flowing baffle design that allows increased performance and a deeper sound. They do not require the separate purchase of end caps, providing a more affordable performance option. **For race application only.**

B. Slash Down

64903-99 Fits '95-later FLHT, FLHR and FLTR models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$319.95**

Slash Down

64900-99 Fits '97-'03 FLSTS models. EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$319.95**

C. Slash Up

64924-99 Fits '95-later FLHT, FLHR and FLTR models. (shown) EFI models require ECM recalibration through applicable calibration cartridge or through EFI Race Tuner Kit. See EFI Race Tuner Kit fitment or calibration matrix for possible application. **\$319.95**

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.

A. MUFFLERS FOR HERITAGE SPRINGER® MODELS



Accessory mufflers for FLSTS models include new baffled design and allows the use of any Genuine Motor Accessory muffler end caps. **For race application only.**

65980-97 Fits '97-later FLSTS. Requires separate purchase of two End Caps. (Not legal for sale or use on California catalyst-equipped vehicles.) (Not street-legal on '00-later Softail® models.) **\$319.95**

Shown with:
SHARK FIN END CAP
Nostalgic styling dresses up any touring model.

B. CHROME BILLET STYLE END CAP - DOUBLE GROOVE

Put the finishing touch on your Screamin' Eagle® exhaust system with these double groove Chrome Billet Style End Caps. They're manufactured from extruded aluminum alloy, and then fully machined and chrome-plated. Sold individually.

65066-01 Fits Screamin' Eagle Performance and Touring Muffler P/N's 65259-00, 65281-96, 65976-96, 65255-96 and 65980-97. **\$64.95**

65061-01 Fits Screamin' Eagle Performance Muffler P/N's 65114-98, 65115-98B, and 65116-98A. **\$64.95**

C. CHROME BILLET STYLE END CAP - SLASH CUT

These great looking Billet Style End Caps are manufactured from extruded aluminum alloy and then fully machined and chrome-plated for a custom look. These billet style end caps feature a dramatic slash cut that can be turned up, down, or to the side for a sporty finish on your Softail® or Touring model's Screamin' Eagle Performance pipes. Sold individually.

65062-01 Fits Screamin' Eagle Performance Muffler P/N's 65114-98, 65115-98B and 65116-98A. **\$64.95**

65067-01 Fits Screamin' Eagle Performance and Touring Muffler P/N's 65259-00, 65281-96, 65976-96, 65255-96 and 65980-97. **\$64.95**

D. CHROME BILLET STYLE END CAP - TAPERED

Cap off your Screamin' Eagle Performance Mufflers with this billet style end cap, which is manufactured from extruded aluminum alloy and then fully machined and chrome-plated. Sold individually.

65060-01 Fits Screamin' Eagle Performance Muffler P/Ns 65114-98, 65115-98B and 65116-98A. **\$64.95**

65064-01 Fits Screamin' Eagle Performance and Touring Muffler P/Ns 65259-00, 65281-96, 65976-96, 65255-96 and 65980-97. **\$64.95**

E. SLASH CUT END CAPS

Dramatic slash cut provides sporty styling for Touring and Softail® models. End caps sold individually.

Fits Genuine Motor Accessory Performance Mufflers and Exhaust Systems P/Ns 65259-00, 65976-96, 65255-96, 65980-97, 65979-96 and 65281-96.

65331-97 6" **\$33.00**

65343-97 8.75" **\$35.00**

Fits Screamin' Eagle Performance Mufflers (P/Ns 65114-98, 65115-98B and 65116-98A) and early (small mounting hole style) mufflers and systems.

65309-96 6" **\$28.00**

65304-96 8.75" **\$30.00**



A. MUFFLERS FOR HERITAGE SPRINGER MODELS (SHOWN WITH SHARK FIN END CAP)



F. TURN OUT/DOWN/AWAY END CAPS



G. SHARK FIN END CAPS



B. CHROME BILLET STYLE END CAP - DOUBLE GROOVE



C. CHROME BILLET STYLE END CAP - SLASH CUT



H. SPORT TAPER END CAPS



I. HOWITZER END CAPS



D. CHROME BILLET STYLE END CAP - TAPERED



E. SLASH CUT END CAP (8.75" SHOWN)



J. FISHTAIL END CAPS

F. TURN OUT/ DOWN/ AWAY END CAPS

The end is a good place to start for a nostalgic custom look on Touring and Softail® models. The Turn Out/Down/Away End Cap offers several different possibilities. End caps sold individually.

65252-96 Fits Genuine Motor Accessory Performance Mufflers and Exhaust Systems P/Ns 65259-00, 65976-96, 65255-96, 65980-97, 65979-96 and 65281-96. **\$45.00**

65252-92 Fits Screamin' Eagle® Performance Mufflers (P/Ns 65114-98, 65115-98B and 65116-98A) and early (small mounting hole style) mufflers and systems. **\$40.00**

G. SHARK FIN END CAPS

Nostalgic styling. End caps are sold individually.

65263-97 Fits Genuine Motor Accessory Performance Mufflers and Exhaust Systems P/Ns 65259-00, 65976-96, 65255-96, 65980-97, 65979-96 and 65281-96. **\$60.00**

H. SPORT TAPER END CAPS

Sport-styled end caps provide a sleek look. End caps sold individually.

65166-97 Fits Genuine Motor Accessory Performance Mufflers and Exhaust Systems P/Ns 65259-00, 65976-96, 65255-96, 65980-97, 65979-96 and 65281-96. **\$30.00**

65069-98 Fits Screamin' Eagle Performance Mufflers (P/Ns 65114-98, 65115-98B and 65116-98A) and early (small mounting hole style) mufflers and systems. **\$25.00**

I. HOWITZER® END CAPS

Explosive styling worthy of its name. End caps sold individually.

65164-97 Fits Genuine Motor Accessory Performance Mufflers and Exhaust Systems P/Ns 65259-00, 65976-96, 65255-96, 65980-97, 65979-96 and 65281-96. **\$35.00**

65068-98 Fits Screamin' Eagle Performance Mufflers (P/Ns 65114-98, 65115-98B and 65116-98A) and early (small mounting hole style) mufflers and systems. **\$32.00**

J. FISHTAIL END CAPS

The end is a good place to start for a nostalgic custom look. End caps sold individually.

65245-96 Fits Genuine Motor Accessory Performance Mufflers and Exhaust Systems P/Ns 65259-00, 65976-96, 65255-96, 65980-97, 65979-96 and 65281-96. **\$50.00**

65245-92 Fits Screamin' Eagle Performance Mufflers (P/Ns 65114-98, 65115-98B and 65116-98A) and early (small mounting hole style) mufflers and systems. **\$45.00**

FITMENT A. Genuine Motor Accessory Touring Mufflers and Exhaust Systems P/Ns 65259-00, 65255-96, 65980-97, 65979-96 and 65281-96. Includes stainless mounting hardware and special U-clip fasteners for proper installation.

FITMENT B. Screamin' Eagle Performance Mufflers (P/Ns 65114-98, 65115-98B and 65116-98A) and early (small mounting hole style) mufflers and systems.

END CAP	FITMENT A	PRICE EA.	FITMENT B	PRICE EA.
B. Double Groove	65066-01	\$64.95	65061-01	\$64.95
C. Slash	65067-01	\$64.95	65062-01	\$64.95
D. Tapered	65064-01	\$64.95	65060-01	\$64.95
E. 8.75" Slash Cut	65343-97	\$35.00	65304-96	\$30.00
E. 6" Slash Cut	65331-97	\$33.00	65309-96	\$28.00
F. Turn-out	65252-96	\$45.00	65252-92	\$40.00
G. Shark Fin	65263-97	\$60.00	—	—
H. Sport Taper	65166-97	\$30.00	65069-98	\$25.00
I. Howitzer®	65164-97	\$35.00	65068-98	\$32.00
J. Fishtail	65245-96	\$50.00	65245-92	\$45.00

EXHAUST SYSTEM / END CAP FITMENT CHART

Accessories

SOMETHING EXTRA

On top of performance components, Screamin' Eagle® also offers a line of cosmetic accessories to help you look like a winner, and additional accessories to give you an edge when you hit the track. From lubricant and fork braces, to air cleaner trim and dirt track tires, Screamin' Eagle Pro Racing Parts can help you outfit your bike to take on the competition in style.



PRECISION RACING 5-INCH TACHOMETER WITH SHIFT LIGHT



SCREAMIN' EAGLE® TEARDROP AIR CLEANER COVER



SCREAMIN' EAGLE® CHROME FORK BRACE



SCREAMIN' EAGLE® SYN3 SYNTHETIC MOTORCYCLE LUBRICANT



DUNLOP® RACE COMPOUND TIRES

A. SCREAMIN' EAGLE® SYN3 SYNTHETIC MOTORCYCLE LUBRICANT, SAE 20W50

TESTED-CERTIFIED for use in Harley-Davidson® Engine, Primary Chaincase and Transmission applications, the new Screamin' Eagle SYN3 Synthetic Lubricant makes changing and topping-off fluids a simple one-product process. Developed with a proprietary three synthetic basestock formula, Screamin' Eagle SYN3 Lubricant is formulated to provide for long term protection and engine cleanliness requirements, and to provide superior high-temperature protection for high-output engines. SYN3 is formulated to maintain the coefficient of friction for proper clutch operation and to provide the proper lubrication to the primary chain drive. In addition, SYN3 is designed to provide the correct lubricity for the anti-wear requirements of transmission gears and for improved seal protection. This formula is approved by Harley-Davidson for use in all stages of engine life and is not detrimental to the break-in stage of engines.

Formulated for Harley-Davidson Evolution® XL, Evolution 1340, Twin Cam®, V-Rod® Revolution™, and all Buell® models.

99824-03/00QT 1 Quart Bottle. **\$8.25**

A. SCREAMIN' EAGLE SYN3 SYNTHETIC MOTORCYCLE LUBRICANT, SAE 20W50



B. SCREAMIN' EAGLE® FORK OIL

Screamin' Eagle® Performance Fork Oil
A heavier blended oil that provides extra damping in performance applications. **For race application only.**

99881-87 16 oz. Bottle. **\$4.95**

Screamin' Eagle Racing Fork Oil
Designed and blended for the severe conditions on the race track. Not intended for street use. **For race application only.**

99909-93R 16 oz. Bottle. **\$4.95**

SCREAMIN' EAGLE CHROME FORK BRACE

These chrome fork braces are machined from billet aluminum, then polished and chrome-plated. Easy to install, these braces offer increased torsional rigidity. Available for both 39mm and 41mm front forks. Made in the U.S.A.

C. 46193-99 41mm.
Fits '84-later FXST, FXSTC, FXSTB and '93-later FXDWG models with 41mm front forks. (Does not fit with Chrome Fork Sliders.) **\$199.95**

D. 46265-02 Fits '00-later FXSTD models. **\$219.95**

E. 46192-99 39mm.
Fits '87-later Sportster®, Dyna and FXR models (except FXRT) with 39mm front forks. (Does not fit with Chrome Fork Sliders.) **\$184.95**



B. SCREAMIN' EAGLE FORK OIL



C. CHROME FORK BRACE - 41MM



D. CHROME FORK BRACE - DEUCE



E. CHROME FORK BRACE - 39MM



F. SCREAMIN' EAGLE COLLECTION

F. 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 Inserts
Fits '66-'03 XL models.

29382-97A Black on Silver. **\$7.95**

29383-97A Silver on Black. **\$7.95**

Air Cleaner Insert (not shown)
Fits '04-later XL models.

29051-04 Gray on Silver. **\$4.25**

2. Timer Cover
Fits all models with horizontal holes.

32565-97A Silver on Black. **\$5.95**

32566-97A Black on Silver. **\$5.95**

3. Timer Cover
Fits all models with vertical holes.

32567-97A Silver on Black. **\$5.95**

32569-97A Black on Silver. **\$5.95**

4. 8 Inch Round Air Cleaner Inserts
Fits '84-later Evolution® 1340-equipped models.

29619-99 Silver on Black. **\$7.95**

29622-99 Black on Silver. **\$7.95**

5. Air Cleaner Insert
Fits '99-later Twin Cam 88-equipped models.

29620-99 Black on Silver. **\$7.95**

29567-99 Silver on Black. **\$7.95**

6. Air Cleaner Insert - 103
Fits Twin Cam 88-equipped models.

29480-03 Silver on Silver. **\$7.95**

7. Position Sensor Covers
Fits '99-later Twin Cam 88-equipped models.

32744-99 Black on Silver. **\$7.95**

32743-99 Silver on Black. **\$7.95**

G. SCREAMIN' EAGLE TEARDROP AIR CLEANER COVER

Dress up your Screamin' Eagle performance enhanced Twin Cam engine by installing this dramatic Screamin' Eagle Softail® Deuce™ Teardrop Air Cleaner Cover on a High Flow Air Cleaner. The kit includes the cover, adapters, and all necessary hardware (Screamin' Eagle Air Cleaner Kit sold separately). **For race application only.**

29409-02 Fits '99-later Twin-Cam equipped with Stage Kits or High Flow Air Cleaner Kit and Evolution 1340 models equipped with High Flow Air Cleaner Kit P/N 29543-99B. **\$99.95**

H. SCREAMIN' EAGLE® DECAL

Required for contingency payouts in many of the Screamin' Eagle race programs.

14176-87A Dimensions: 1.75" x 3.5". **\$1.25**

15362-98 Dimensions: 2.5" x 5". **\$2.00**



G. SCREAMIN' EAGLE TEARDROP AIR CLEANER COVER



H. SCREAMIN' EAGLE DECAL

A. XR750 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, and more recently helped Rich King win both Springfield Mile events in 2003.

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, carburetors, clutch release mechanism, or transmission sprocket. **For race application only.**

16070-98R For more details, see your authorized dealer.

B. 883R FUEL TANK DECALS

2.25-gallon Sportster® Fuel Tank 883R decals.

60984-93R Right fuel tank decal. **\$39.95**

60985-93R Left fuel tank decal. **\$39.95**

C. DUNLOP® RACE COMPOUND TIRES

With race-winning performance tire technology, these tires are a popular choice for use by top Harley-Davidson riders. Race compound tires are for racing in various performance series. **For race application only.**

1. 40552-97R 19" Front. K180F 100/80-19.

2. 40553-98R 18" Rear. K180 120/90-18.



A. XR750 ENGINE KIT



B. 883R FUEL TANK DECALS



C. DUNLOP RACE COMPOUND TIRES



D. NITRO BODYWORK KIT



D. NITRO BODYWORK KIT

D. NITRO BODYWORK KIT

Join the growing number of competitors participating in the AHDRA® Screamin' Eagle® Nitro Harley® Top Fuel Class. Styled to reflect the sweeping lines of the Harley-Davidson® Softail® motorcycle, this bodywork package includes front spoiler, headlamp visor, fuel tank, body panels and rear fender. The bodywork is formed in carbon fiber with a Kevlar® layer for added strength, and the rear fender portion features Nomex® honeycomb material to prevent damage from stone chips in the burnout box. The carbon fiber is finished with polyester primer and is ready for painting with minimum bodywork prep. The Nitro Bodywork Kit is designed to be easily adapted to race chassis available from various manufacturers. Contingency funding will be available for competitors utilizing a complete Nitro Bodywork Kit during the 2004 AHDRA race season (for more details visit ahdra.com). **For race application only.**

Nitro Bodywork Kit **95729-04**

Service parts:

Front Spoiler **58862-04**

Headlamp Visor **69768-04**

Fuel Tank **66174-04**

Rear Fender **59622-04**

NOTE: Bodywork was not designed for and should not be installed on production Harley-Davidson motorcycles.

Twin Cam® Models

AIR CLEANER / BREATHER KIT	29, 34, 93
CALIBRATIONS - EFI	26
CAM KITS	51
CARBURETOR KIT - 42MM FLATSLIDE	38
CARBURETOR KIT - 44MM CV	37
CARBURETOR KIT - 45MM FLATSLIDE	38
CARBURETOR KIT - 51MM CV	36
CLUTCH KITS	58-59
COMPRESSION RELEASE	45
CYLINDER HEAD KIT - 103+	42
CYLINDER HEAD KIT - HTCC	42-43
CYLINDER HEAD KIT - PERFORMANCE	43
CYLINDER STUDS	55
CYLINDERS - BIG BORE	45
DYNO CHARTS - CARBURETED	20-21
DYNO CHARTS - EFI	27
DYNOJET® KITS	37
EFI RACE FUELER	31
EFI RACE TUNER	30
ENGINE TRIM COLLECTION	93
EXHAUST SYSTEMS	70-89
FORK BRACE	92
IGNITION RACE TUNER	62
IGNITION SYSTEMS	63-65
INDUCTION MODULE KIT - 43MM	29
INTAKE MANIFOLDS	39
LUBRICANTS - SYN3	92
MUFFLERS	70-89
PERFORMANCE CONFIGURATIONS - CARBURETED	20-21
PERFORMANCE CONFIGURATIONS - EFI	26
PISTONS	46-48
PRIMARY GEARING KITS	58
PUSHRODS	56-57
ROCKER ARMS	55
SPARK PLUG WIRES	66
SPARK PLUGS	67
STAGE II KIT - EFI	28
STROKER FLYWHEEL KIT	46
TAPPETS	56
VALVE SPRING KITS	54

Evolution® 1340 Models

AIR CLEANER / BREATHER KIT	34
CALIBRATIONS - EFI	26
CAM KITS	52
CARBURETOR KIT - 42MM FLATSLIDE	38
CARBURETOR KIT - 44MM CV	37
CARBURETOR KIT - 45MM FLATSLIDE	38
CLUTCH KITS	58-59
CYLINDER HEAD KIT	44
CYLINDER STUDS	55
DYNO CHARTS - CARBURETED	22-23
DYNO CHARTS - EFI	27
DYNOJET® KITS	37
ENGINE TRIM COLLECTION	93
EXHAUST SYSTEMS	70-89

FORK BRACE	92
GASKET KITS	55
IGNITION RACE TUNER	62
IGNITION SYSTEMS	63-65
INDUCTION MODULE KIT - 43MM	29
INTAKE MANIFOLDS	39
LUBRICANTS - SYN3	92
MUFFLERS	70-89
PERFORMANCE CONFIGURATIONS - CARBURETED	22-23
PERFORMANCE CONFIGURATIONS - EFI	27
PISTONS	49
PRIMARY GEARING KITS	58
PUSHRODS	56-57
ROCKER ARMS	55
SPARK PLUG WIRES	66
SPARK PLUGS	67
STAGE II KIT - EFI	29
TAPPETS	56
VALVE SPRING KITS	54

Sportster® Models

AIR CLEANER KITS	35
CAM KITS	53
CARBURETOR KIT - 42MM FLATSLIDE	38
CARBURETOR KIT - 44MM CV	37
CLUTCH KITS	58-59
CYLINDER HEAD KIT	45
CYLINDER STUDS	55
CYLINDERS - BIG BORE	45
DYNO CHARTS - CARBURETED	23
DYNOJET® KITS	37
ENGINE TRIM COLLECTION	93
EXHAUST SYSTEMS	70-89
FORK BRACE	92
GASKET KITS	55
IGNITION RACE TUNER	62
IGNITION SYSTEMS	63-65
INTAKE MANIFOLDS	39
LUBRICANTS - SYN3	92
MUFFLERS	70-89
PERFORMANCE CONFIGURATIONS - CARBURETED	23
PISTONS	50
ROCKER ARMS	55
SPARK PLUG WIRES	66
SPARK PLUGS	67
TAPPETS	56
VALVE SPRING KITS	54

V-Rod® Models

AIR CLEANER KITS	34
CALIBRATIONS - EFI	26
DRIVE KIT - 28 TOOTH	58
DYNO CHARTS	81
EFI RACE FUELER	31
EFI RACE TUNER	30
EXHAUST - DOUBLE BARREL	81
EXHAUST - SLIP FIT	71

Exhaust

DYNA 2-INTO-1 PRO	85
DYNA 2-INTO-1 TUNABLE	83
DYNA DOUBLE BARREL	81
DYNA SLIP-FIT - SCREAMIN' EAGLE PRO II	76
DYNA SLIP-FIT - SCREAMIN' EAGLE PRO II+	79
DYNA SLIP-FIT - TORQUE	73
END CAPS	79, 88-89
SOFTAIL® 2-INTO-1 PRO	85
SOFTAIL 2-INTO-1 TUNABLE	83
SOFTAIL DOUBLE BARREL	81
SOFTAIL PERFORMANCE MUFFLER	87
SOFTAIL SLIP-FIT - SCREAMIN' EAGLE PRO II	77
SOFTAIL SLIP-FIT - SCREAMIN' EAGLE PRO II+	79
SOFTAIL SLIP-FIT - TORQUE	73
SOFTAIL SPRINGER® MUFFLER	88
SPORTSTER® SLIP-FIT - 883R	71
SPORTSTER SLIP-FIT - SCREAMIN' EAGLE PRO II	75
SPORTSTER SLIP-FIT - SCREAMIN' EAGLE PRO II+	79
SPORTSTER SLIP-FIT - TORQUE	73
TOURING PERFORMANCE MUFFLER	87
V-ROD® DOUBLE BARREL	81
V-ROD SLIP-FIT	71

Race Bike Components

XR750 ENGINE KIT	94
NITRO BODYWORK KIT	95



Harley-Davidson Parts and Accessories Division, a facility of Harley-Davidson Motor Company, recently achieved certification to its ISO 9001 International Quality Standard registration.

CAUTION: It is possible to overload your motorcycle's charging system by adding too many electrical accessories. If your combined electrical accessories consume more electrical current than your vehicle's charging system can produce, the electrical consumption can discharge the battery and cause vehicle electrical system damage. Ask your dealer for advice about the amount of current consumed by additional electrical accessories.

IMPORTANT: To the best knowledge of Harley-Davidson, the specifications, descriptions and illustrative material contained herein are accurate as of the date this catalog was approved for printing (Dec., 2003). Harley-Davidson reserves the right without prior notice to discontinue at any time at its discretion any of the parts and accessory items depicted herein or change specifications or designs or prices without incurring any obligation to the customer. All parts and accessory items are also subject to availability and to prior sale by our dealers.

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