

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-338-56
Relating to Exemptions Under Section 27156
of the Vehicle Code

Harley-Davidson Motor Company
Screamin' Eagle Big Bore Stage-2 EFI Kit

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Screamin' Eagle Big Bore Stage-2 EFI Kit, marketed and manufactured by the Harley-Davidson Motor Company, 3700 W. Juneau Avenue, Milwaukee, Wisconsin 53208 has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the following 2007 model year Harley-Davidson Touring, Softail and Dyna motorcycles originally equipped with the 1584cc non-catalyst fuel injected engine.

<u>Year</u>	<u>Kit P/N</u>	<u>Calibration/Cartridge</u>	<u>Model</u>
Big Bore Stage-2 Kits			
2007	29920-07	34479-07A / no cartridge	Softail models FLSTF, FXSTD
2007	29921-07 29922-07	34479-07A / no cartridge	Softail models FLST, FLSTC, FXST, FXSTB, FXSTC, FXSTS
2007	29924-07	34479-07A / no cartridge	Softail model FLSTN
2007	29925-07	34480-07B / no cartridge	Softail model FLSTSC
2007	29905-07 29907-07	34480-07B / no cartridge	Touring models (All)
2007	29918-07 29919-07	34479-07A / no cartridge	Dyna (all) (black cylinders)

Screamin' Eagle Big Bore Stage-2 EFI Kit, includes the following main components: Screamin' Eagle high flow air filter using stock air filter cover, larger bore cylinders to change bore from 3.75 to 3.875 inches, larger bore pistons to accommodate cylinders, camshaft (profile # SE-255), piston rings, gaskets, catalyst mufflers, and a new ECM calibration. The new ECM calibration is a dealer downloaded file that requires the use of a scan tool for installation. Kit increases engine displacement from 1584 to 1690cc. The kit modifies the non-catalyst exhaust system to a dual catalyst exhaust system, using the catalyst mufflers of engine family 7HDXC1.80AEC.

This Executive Order is granted based on emissions testing data generated on 2007 model year Harley-Davidson Touring motorcycles modified with a Screamin' Eagle Big Bore Stage-2 EFI Kit. The highest average of the three tests on two motorcycles is listed below with deterioration factors applied:

	HC+NOx (gm/km)	CO
2007 Standards	1.2	12
Screamin' Eagle Big Bore Stage-2 EFI Kit	0.6	3.9

Test results showed that the Screamin' Eagle Big Bore Stage-2 EFI Kit, when installed on the motorcycles, did not cause tailpipe emissions to exceed the applicable emission standards.

This Executive Order is valid provided that the installation instructions for the Screamin' Eagle Big Bore Stage-2 EFI Kit will not recommend tuning the motorcycle to specifications different from those of the Harley-Davidson Motor Company.

This Executive Order shall not apply to any Harley-Davidson Motor Company Screamin' Eagle Big Bore Stage-2 EFI Kit advertised, offered for sale, sold with, or installed on a motorcycle prior to or concurrent with transfer to an ultimate purchaser.

Changes made to the design or operating conditions of the Screamin' Eagle Big Bore Stage-2 EFI Kit, as exempt by the Air Resources Board, which adversely affect the performance of the motorcycle's pollution control system shall invalidate this Executive Order.

Marketing of the Screamin' Eagle Big Bore Stage-2 EFI Kit using any identification other than that shown in this Executive Order or marketing of the Screamin' Eagle Big Bore Stage-2 EFI Kit for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the Screamin' Eagle Big Bore Stage-2 EFI Kit shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect the use of the Screamin' Eagle Big Bore Stage-2 EFI Kit may have on any warranty either expressed or implied by the Harley-Davidson Motor Company.

In addition to the foregoing, the Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF HARLEY-DAVIDSON MOTOR COMPANY'S SCREAMIN' EAGLE BIG BORE STAGE-2 EFI KIT.

No claim of any kind, such as "Approved by the Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 20 day of October 2006.



Annette Hebert, Chief
Mobile Source Operations Division