

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-338-54
Relating to Exemptions Under Section 27156
of the Vehicle Code

Harley-Davidson Motor Company
Screamin' Eagle Stage Kits

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 Stage Kits, 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 2001 through 2006 model year Harley-Davidson Touring, Softail and Dyna motorcycles originally equipped with the 1450cc fuel injected engine and 2006 model year Harley-Davidson VRSC motorcycles originally equipped with the 1130cc throttle body fuel injected engine as listed in Exhibit A, which is attached hereto and incorporated herein.

The Screamin' Eagle Stage Kit, P/Ns 29856-06, 29876-06, and 29877-06, includes the following main components: Screamin' Eagle high flow air cleaner, larger bore cylinders to change bore from 3.75 to 3.875, larger bore pistons to accommodate cylinders, cylinder heads, camshaft (profile # CVO-253), flywheel (profile # CVO-103), piston rings, gaskets, a pair of Harley-Davidson catalyst mufflers designed to replace the stock exhaust system, fuel injectors, 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 1450 to 1688cc.

The Screamin' Eagle Stage Kit, P/N 29868-06, includes the following main components: Large bore cylinders and pistons, cylinder heads, camshaft (profile # 17431-05K), piston rings, gaskets, 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 1130 to 1247cc.

The Screamin' Eagle Stage I Kit, P/N 29773-02B, includes the following main components: Screamin' Eagle high flow air cleaner and a new ECM calibration. The new ECM calibration is either a cartridge or a dealer downloaded file that requires the use of a scan tool for installation.

The Screamin' Eagle Stage I Kits, P/Ns 29774-02B and 29860-04A, includes the following main components: Screamin' Eagle high flow air cleaner, larger bore cylinders to change bore from 3.75 to 3.875, larger bore pistons to accommodate cylinders, piston rings, gaskets, and a new ECM calibration. The new ECM calibration is either a cartridge or a dealer downloaded file that requires the use of a scan tool for installation. Kit increases engine displacement from 1450 to 1550cc.

The Screamin' Eagle Stage II Kits, P/Ns 29871-06, 29872-06, 29873-06, 29874-06, 29879-06, 29880-06, 29881-06, 29882-06, 29883-06, 29884-06, 29885-06, and 29886-06, includes the following main components: Screamin' Eagle high flow air cleaner, larger bore cylinders to change bore from 3.75 to 3.875, larger bore pistons to accommodate cylinders, camshaft (profile # SE-203), piston rings, gaskets, one Harley-Davidson catalyst muffler, and a new ECM calibration. The new ECM calibration is either a cartridge or a dealer downloaded file that requires the use of a scan tool for installation. Kit increases engine displacement from 1450 to 1550cc. The kit modifies the Dyna model from a non-catalyst exhaust system to a single catalyst exhaust system, and the Softail and Touring models from a single catalyst exhaust system to a dual catalyst exhaust system.

This Executive Order is granted based on a prior evaluation and submitted emissions data which determined that the Screamin' Eagle Stage Kits, Stage I Kits, and Stage II Kits for the VRSC motorcycles originally equipped with the 1130cc throttle body engine and Touring, Softail and Dyna motorcycles originally equipped with the 1450cc fuel injected engine did not cause an adverse effect on emissions.

This Executive Order is valid provided that the installation instructions for the Screamin' Eagle Stage Kits 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 Stage Kits 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 Stage Kits, 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 Stage Kits using any identification other than that shown in this Executive Order or marketing of the Screamin' Eagle Stage Kits 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 Stage Kits 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 Stage Kits may have on any warranty either expressed or implied by the Harley-Davidson Motor Company.

In addition to the foregoing, the ARB 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 STAGE KITS.

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 7th day of November 2005.



Allen Lyons, Chief
Mobile Source Operations Division

Exhibit A

<u>Year</u>	<u>Kit P/N</u>	<u>Calibration/Cartridge</u>	<u>Model</u>
Stage Kit			
2006	29856-06	32467-06B / no cartridge	Softail (FLSTFI & FXSTDI only)
	29868-06	32203-06 / no cartridge	VROD (VRSCA only)
	29876-06	32876-06B / no cartridge	Touring (All)
	29877-06	32876-06B / no cartridge	Touring (All)
Stage I Kit			
2001-2004	29773-02B	32725-04A / 32957-04A	Softail (except FLSTSI)
2005	29773-02B	33269-05B / 32957-04A	Softail (except FLSTSCI)
2006	29773-02B	34236-06 / 34237-06	Softail (except FLSTSCI)
2001-2003	29773-02B	32733-04A / 32959-04B	Softail (FLSTSI only)
2005	29773-02B	33273-05B / 32959-04B	Softail (FLSTSCI only)
2006	29773-02B	34232-06 / 34233-06	Softail (FLSTSCI only)
2002-2003	29773-02B	32848-02 / no cartridge	Touring (All)
2004	29773-02B	32733-04A / 32959-04B	Touring (All)
2005	29773-02B	33273-05B / 32959-04B	Touring (All)
2006	29773-02B	34232-06 / 34233-06	Touring (All)
	29773-02B	34238-06 / 34239-06	Dyna (All)
2001-2004	29774-02B	32728-04A / 32958-04A	Softail (except FLSTSI)
2005	29774-02B	33270-05B / 32958-04A	Softail (except FLSTSCI)
2006	29774-02B	34263-06 / 34264-06	Softail (except FLSTSCI)
2001-2003	29774-02B	32796-04A / 32983-04B	Softail (FLSTSI only)
2005	29774-02B	33274-05B / 32983-04B	Softail (FLSTSCI only)
2006	29774-02B	34267-06 / 34268-06	Softail (FLSTSCI only)
2002-2003	29774-02B	32847-02 / no cartridge	Touring (All)
2004	29774-02B	32796-04A / 32983-04B	Touring (All)
2005	29774-02B	33274-05B / 32983-04B	Touring (All)
2006	29774-02B	34267-06 / 34268-06	Touring (All)
	29774-02B	34265-06 / 34266-06	Dyna (All)
2001-2004	29860-04A	32728-04A / 32958-04A	Softail (except FLSTSI)
2005	29860-04A	33270-05B / 32958-04A	Softail (except FLSTSCI)
2006	29860-04A	34263-06 / 34264-06	Softail (except FLSTSCI)
2001-2003	29860-04A	32796-04A / 32983-04B	Softail (FLSTSI only)
2005	29860-04A	33274-05B / 32983-04B	Softail (FLSTSCI only)
2006	29860-04A	34267-06 / 34268-06	Softail (FLSTSCI only)
2002-2003	29860-04A	32847-02 / no cartridge	Touring (All)
2004	29860-04A	32796-04A / 32983-04B	Touring (All)
2005	29860-04A	33274-05B / 32983-04B	Touring (All)
2006	29860-04A	34267-06 / 34268-06	Touring (All)
	29860-04A	34265-06 / 34266-06	Dyna (All)

Stage 2 Kits

<u>Year</u>	<u>Kit P/N</u>	<u>Calibration/Cartridge</u>	<u>Model</u>
2006	29871-06	34234-06 / 34235-06	Touring (FLHTI only)
	29872-06	34234-06 / 34235-06	Touring (FLHTCI, FLHTCUI & FLHRI only)
	29873-06	34242-06 / 34243-06	Dyna (All)
	29874-06	34242-06 / 34243-06	Dyna (All)
	29879-06	34234-06 / 34235-06	Touring (FLHRSI & FLHRCI only)
	29880-06	34234-06 / 34235-06	Touring (FLHXI only)
	29881-06	34240-06 / 34241-06	Softail (FXSTBI, FXSTSI, & FLSTCI only)
	29882-06	34240-06 / 34241-06	Softail (FXSTI only)
	29883-06	34240-06 / 34241-06	Softail (FLSTFI & FXSTDI only)
	29884-06	34240-06 / 34241-06	Softail (FLSTN only)
	29885-06	34234-06 / 34235-06	Softail (FLSTSC only)
	29886-06	34234-06 / 34235-06	Touring (FLTRI only)