State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-338-72
Relating to Exemptions Under Section 27156
of the Vehicle Code

Harley-Davidson Motor Company
Screamin' Eagle Street Performance Tuner, Part No. 41000008B

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 Street Performance Tuner, 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 2008 to 2014 Harley-Davidson motorcycles with a 1584cc, 1688cc, or 1802cc engine and a three-way catalyst(s).

The Harley-Davidson Screamin' Eagle Street Performance Tuner, part no. 41000008B, is a programmer designed to reprogram the FLASH memory chip located in the motorcycle's ECU module. The programmer is designed to allow the end user to have a limited amount of custom tuning for fuel management at all normal hot-start driving conditions. Cold-start fuel maps are not user adjustable. The end user cannot modify any of Harley-Davidson's adjustment limits.

This Executive Order is valid provided that the installation instructions for the Screamin' Eagle Street Performance Tuner will not recommend tuning the motorcycle to specifications exceeding the limits set by the Harley-Davidson Motor Company.

Changes made to the design or operating conditions of the Screamin' Eagle Street Performance Tuner, 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 Street Performance Tuner using any identification other than that shown in this Executive Order or marketing of the Screamin' Eagle Street Performance Tuner for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Screamin' Eagle Street Performance Tuner may have on any warranty either expressed or implied by the Harley-Davidson Motor Company.

This Executive Order is granted based on previously submitted emissions test data from Harley-Davidson on two 2011 model year Harley-Davidson motorcycles. A Softail motorcycle with a 1584cc engine, modified with the Screamin' Eagle Street Performance Tuner's 1802cc calibration, adjusted to absolute maximum fuel setting, and a Touring motorcycle with a 1802cc

engine, modified with the Screamin' Eagle Street Performance Tuner's 1584cc calibration, adjusted to absolute minimum fuel setting. Test results showed that emission levels, with the Screamin' Eagle Street Performance Tuner installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle. Results from emissions testing conducted at Harley-Davidson Motor Company's emissions laboratory, located in Milwaukee, Wisconsin are shown below (in grams per kilometer).

2011 1584cc Softail	CVS-75 FTP	
	HC+NOx	CO
Standards	0.7	12.0
1802cc Calibration Max Fuel Average 2 Tests w/df	0.4	1.9

2011 1802cc Touring	CVS-75 FTP	
	HC+NOx	CO
Standards	0.5	12.0
1584cc Calibration Min Fuel Average 2 Tests w/df	0.3	3.5

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 STREET PERFORMANCE TUNER.

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 21st day of November 2013.

Erik White, Chief
Mobile Source Operations Division