

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-632

Relating to Exemptions Under Section 27156
of the California Vehicle Code

V & H Performance, Inc. (dba Vance & Hines)
Fuelpak

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 Fuelpak, produced and marketed by V & H Performance, Inc. (dba Vance & Hines) of 13861 Rosecrans Avenue, Santa Fe Springs, California 90670, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the following 2007 and 2008 model year Harley Davidson motorcycle applications.

Part No.	Application	
61001G	Softail	2007 FLSTN, FLSTC, FLSTSC, FXSTD, 2008 FLSTN, FLSTC
61003G	Touring	2007 FLHR, FLHRS, FLHRC, FLHX, FLTR, FLHT, FLHTC, FLHTCU
61005G	Dyna	2007 FXD, FXDC, FXDB, FXDL, FXDWG, 2008 FXD, FXDC, FXDB, FXDL, FXDWG, FXDF
	VRSC	2007 VRSCAW, VRSCD, VRSCDX, VRSCX, VRSCR, 2008 VRSCAW, VRSCD, VRSCDX
61007G	Sportster	2007 XL883, XL883L, XL883C, XL883R, XL883N, XL1200N, XL1200C, XL1200R, XL1200L, 2008 XL883, XL883L, XL883C, XL1200N, XL1200L, XL1200C, XL1200R
	Softail	2007 FXST, FXSTB, FXSTC, FLSTF, 2008 FXST, FXSTB, FXSTC, FLSTF
61009G	Touring	2008 FLHR, FLHRC, FLHX, FLTR, FLHT, FLHTC, FLHTCU
61011G	Softail	2008 FXCW, FXCWC

The Fuelpak is an electronic control module (ECM) that works with the stock motorcycle's ECM and is designed to increase fuel into the combustion chamber during high load conditions.

This Executive Order is valid provided the installation instructions for the Fuelpak will not recommend tuning the motorcycle to specifications different from those of the V & H Performance, Inc.

Changes made to the design or operating conditions of the Fuelpak, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Fuelpak using any identification other than that shown in this Executive Order or marketing of the Fuelpak 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 Fuelpak may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emission test data generated on two motorcycles. Test results showed that emission levels, with the Fuelpak installed and programmed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP). Results from emission testing conducted at Ecologic Testing Laboratory, located in Fullerton, California, are shown below in grams per kilometer with deterioration factors applied.

2007 Harley Davidson 1.5L Touring		
	HC+NOx	CO
Stds.	1.2	12
Device w/ dfs	1.2	7

2008 Harley Davidson 1.6L Touring		
	HC+NOx	CO
Stds.	0.6	12
Device w/dfs	0.5	2

Similar effect on motorcycle emissions is expected with the installation of the Fuelpak on motorcycles listed in this Executive Order.

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 V & H PERFORMANCE, INC.'S FUELPAK.

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 27 day of March 2008.

Annette Hebert, Chief
Mobile Source Operations Division