

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-632-2

Relating to Exemptions Under Section 27156
of the California Vehicle Code

V & H Performance, Inc. (dba Vance & Hines)
Fuelpak FP3

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-14-012;

IT IS ORDERED AND RESOLVED: That the installation of the Fuelpak FP3, 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 2011 through 2015 model year Harley-Davidson motorcycles listed in Exhibit A.

The Fuelpak FP3 is a programming device that is designed to work with the stock motorcycle's electronic control unit (ECU) and sensors in a closed-loop system that modifies the air-fuel ratio to maximize vehicle performance and efficiency.

This Executive Order is valid provided that the installation instructions for the Fuelpak FP3 will not recommend tuning the vehicle to specifications different from those of the original V & H Performance, Inc. application.

Changes made to the design or operating conditions of the devices, as exempted 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 FP3 using any identification other than that shown in this Executive Order or marketing of this device for an application other than those specified 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 these devices may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emission test data from an independent laboratory on a 2014 model year Harley-Davidson Tri Glide Ultra 1688 cc motorcycle (engine family EHDXC1.68AEE). The results are shown below in grams per kilometer, with multiplicative deterioration factors (df's) applied:

	<u>HC+NOx</u>	<u>CO</u>
Standards (g/km)	0.7	12
Device (g/km) with df's applied	0.36	1.45

Test results showed that the Fuelpak FP3 when installed on the vehicle did not cause the exhaust emissions to exceed the applicable emission standards during the Cold Start Federal Test Procedure.

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 THE FUELPAK FP3.

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 April 2015.



Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

EXHIBIT A

VANCE & HINES FUELPAC FP3

PART NUMBER: 66005A

MODEL YEAR	ENGINE FAMILY	MODELS	ENGINE (CC)	EMISSION CONTROLS
2015	FHDXC1.80AEF	CVO ROAD GLIDE ULTRA, CVO STREET GLIDE, CVO ULTRA LIMITED, ELECTRA GLIDE ULTRA LIMITED LOW, ULTRA LIMITED	1802, 1688	TWC, SFI, 2HO2S
2015	FHDXC1.80AED	ELECTRA GLIDE ULTRA CLASSIC, ELECTRA GLIDE ULTRA CLASSIC LOW, FREEWHEELER, ROAD GLIDE, ROAD GLIDE SPECIAL, ROAD KING, STREET GLIDE, STREET GLIDE SPECIAL	1688	TWC, SFI, 2HO2S
2015	FHDXC1.80AEE	TRI GLIDE ULTRA	1688	TWC, SFI, 2HO2S
2015	FHDXC1.80AEC	BREAKOUT, CVO DELUXE, FAT BOY, FAT BOY LO, HERITAGE SOFTAIL CLASSIC, SOFTAIL DELUXE, SOFTAIL SLIM, STREET BOB, STREET BOB NGP	1802, 1688	2TWC, SFI, 2HO2S
2015	FHDXC1.80AEB	FAT BOB, LOW RIDER, SWITCHBACK, WIDE GLIDE	1688	TWC, SFI, 2HO2S
2015	FHDXC01.2CEA	1200 CUSTOM, 1200 CUSTOM(C), FORTY EIGHT, SEVENTY-TWO, SUPERLOW 1200T	1200	2TWC, SFI, 2HO2S
2015	FHDXC0.88CEA	IRON 883, SUPERLOW	883	2TWC, SFI, 2HO2S
2015	FHDXC0.50AXG	STREET 500	494	SFI, 2HO2S
2015	FHDXC0.75AXG	STREET 750	749	TWC, SFI, 2HO2S
2014	EHDXC1.80AEF	CVO ULTRA LIMITED, ULTRA LIMITED	1802, 1688	TWC, SFI, 2HO2S
2014	EHDXC1.80AED	CVO ROAD KING, ELECTRA GLIDE ULTRA CLASSIC, ROAD KING, STREET GLIDE	1802, 1688	TWC, SFI, 2HO2S
2014	EHDXC1.68AEE	TRI GLIDE ULTRA	1688	TWC, SFI, 2HO2S
2014	EHDXC1.80AEC	BREAKOUT, CVO BREAKOUT, CVO DELUXE, FAT BOY, FAT BOY LO, HERITAGE SOFTAIL CLASSIC, SOFTAIL DELUXE, SOFTAIL SLIM, STREET BOB, SUPER GLIDE CUSTOM	1802, 1688	2TWC, SFI, 2HO2S
2014	EHDXC1.80AEB	FAT BOB, SWITCHBACK, WIDE GLIDE	1688	TWC, SFI, 2HO2S
2014	EHDXC01.2CEA	1200 CUSTOM, FORTY-EIGHT, SEVENTY-TWO	1200	2TWC, SFI, 2HO2S
2014	EHDXC0.88CEA	IRON 883, SUPERLOW	883	2TWC, SFI, 2HO2S
2013	DHDXC1.80AEC	BLACKLINE, FAT BOY, FAT BOY LO, HERITAGE SOFTAIL CLASSIC, SOFTAIL BREAKOUT,	1688, 1584	2TWC, SFI, 2HO2S

EXHIBIT A

VANCE & HINES FUELPAK FP3

		SOFTAIL DELUXE, SOFTAIL SLIM, STREET BOB, SUPER GLIDE CUSTOM		
2013	DHDXC1.80AEB	FAT BOB, SWITCHBACK, WIDE GLIDE	1688	TWC, SFI, 2HO2S
2012	CHDXC1.80AEC	BLACKLINE, FAT BOY, FAT BOY LOW, HERITAGE CLASSIC, SOFTAIL DELUXE, STREET BOB, SUPER GLIDE CUSTOM	1688, 1584	2TWC, SFI, 2HO2S
2012	CHDXC1.80AEB	FAT BOB, SWITCHBACK, WIDE GLIDE	1688	TWC, SFI, 2HO2S
2011	BHDXC1.80AEC	BLACKLINE, FAT BOY LO, FAT BOY, HERITAGE SOFTAIL CLASSIC, SOFTAIL DELUXE, CROSS BONES, ROCKER C,	1688, 1584	2TWC, SFI, 2O2S