

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-786

Relating to Exemptions Under Section 27156
of the California Vehicle Code

GoWesty Camper Products
GoWesty Fuel Injection Component Replacement Kit

Pursuant to the authority vested in the Air Resources Board (ARB) by Section 27156 of the Vehicle Code (VC); 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 installation of the GoWesty Fuel Injection Component Replacement Kit (GoWesty Kit), produced and marketed by GoWesty Camper Products of 1119 Los Olivos Avenue, Los Osos, California 93402, 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 1986 to 1991 Volkswagen Vanagon vehicles equipped with 2.1 liter engines.

The GoWesty Kit is designed for 1986 to 1991 Volkswagen Vanagon vehicles, originally equipped with 2.1 liter engines and the Bosch Digifant Fuel Injection system. The GoWesty Kit includes a new replacement engine control unit (ECU), throttle position sensor (TPS), oxygen sensor, electronic ignition coils, engine management wiring harness, and necessary relays. A new mass air flow (MAF) sensor and housing replaces the original air flow meter, and a new engine position unit replaces the original distributor. Added components include a new manifold absolute pressure (MAP) sensor, knock sensor and controller. No changes are made to any other component of the stock engine.

This Executive Order is valid provided that installation instructions for the GoWesty Kit will not recommend tuning the vehicle to specifications different from those originally provided with the GoWesty Kit.

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

This Executive Order shall not apply to any GoWesty Kit advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Marketing of the GoWesty Kit using any identification other than that shown in this Executive Order or marketing of the GoWesty Kit for an application other than those

listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB.

This Executive Order does not constitute any opinion as to the effect the use of the GoWesty Kit may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emission test results in the modified configuration using the Federal Test Procedure (FTP) and Highway Fuel Economy Test (HWFET). A 1987 Volkswagen Vanagon equipped with a 2.1 liter engine (test group HWV2.1T5CVA9) was used for the evaluation of the GoWesty Kit. Results from emissions testing conducted at Automotive Testing and Development Services, Inc. of Ontario, California are shown below (in grams per mile):

1987 Volkswagen Vanagon 2.1 liter (modified)

		FTP			HWFET
		HC	CO	NOx	NOx
Emission Level		0.36	4.7	0.3	0.2
	STD	0.50	9.0	1.0	2.0

Emission test results in the modified configuration were below the applicable certification standards. Therefore, based on the test results, the staff concludes that the GoWesty Kit meets the criteria for exempting general criteria parts.

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. Further, if test results or other evidence provides the ARB with reason to suspect that the GoWesty Kit will affect the durability of emission control systems, GoWesty shall be required to submit durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

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 GOWESTY 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 10th day of November 2016.


Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division