

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-476-7

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Injen Technology  
Power-Flow Intake Systems

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 Power-Flow Intake Systems, produced and marketed by Injen Technology of 285 Pioneer Place, Pomona, California 91768, 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 diesel vehicles listed in the attached Exhibit A.

The Power-Flow Intake Systems include the following main components: open-element air filter, intake system tubing, crankcase ventilation hose (as applicable), brackets (as applicable), and other assorted hardware.

This Executive Order is valid provided that the installation instructions for the Power-Flow Intake Systems will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

This Executive Order is valid provided that the installation of the Power-Flow Intake Systems will not require the removal of any emission control system components.

Changes made to the design or operating conditions of the Power-Flow Intake Systems, as exempt by the Air Resources Board, 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 Power-Flow Intake Systems 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 Power-Flow Intake Systems using any identification other than that shown in this Executive Order or marketing of the Power-Flow Intake Systems 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 Power-Flow Intake Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on an examination of the On-Board Diagnostic II (OBD II) system of a 2008 model-year Ford 6.4 Liter Diesel F-250 (engine test group 8FMXA06.4AGC) in the modified configuration, and an engineering evaluation of the emissions impact of the device if measured using the Federal Test Procedure. If any evidence provides the ARB to discover that the Power-Flow Intake Systems will affect the proper function of emission control systems, Injen Technology shall be required to correct the problem(s) in in-use vehicles in a timely manner or the ARB may revoke this Executive Order.

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. Further, if test results or other evidence provides the ARB with reason to suspect that the Power-Flow Intake Systems will affect the durability of emission control systems, Injen Technology 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 INJEN TECHNOLOGY POWER-FLOW INTAKE SYSTEMS.**

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 31<sup>st</sup> day of May 2011.

A handwritten signature in cursive script, appearing to read "Annette Hebert".

Annette Hebert, Chief  
Mobile Source Operations Division

Make	Model	Engine Displacement	Year	Part #
Chevy	Silverado 2500HD/3500HD Duramax Turbo diesel LB7	6.6L Turbo Diesel	2001-2004	PF7073
Chevy	Silverado 2500HD/3500HD Duramax Turbo diesel LLY	6.6L Turbo Diesel	2004.5-2005	PF7074
Chevy	Silverado 2500HD/3500HD Duramax Turbo diesel LLY/LBZ (GMT800)	6.6L Turbo Diesel	2005-2007	PF7075
Chevy	Silverado 2500HD/3500HD Duramax Turbo diesel LLM (GMT900)	6.6L Turbo Diesel	2007.5-2009	PF7076
Dodge	Ram 2500/3500 Cummins Turbo Diesel	5.9L 24V L6 Turbo Diesel	1998.5-2002	PF8074
Dodge	Ram 2500/3500 Cummins Turbo Diesel	5.9L L6 Turbo Diesel	2003-2007	PF8075
Dodge	Ram 2500/3500 Cummins Turbo Diesel	5.9L K6 Turbo Diesel	2003-2007	PF8077
Dodge	Ram 2500/3500 Cummins Turbo Diesel	6.7L L6 Turbo Diesel	2007.5-2009	PF8078
Ford	F250/F350/F450 SuperDuty Diesel Powerstroke	7.3L V8 Turbo Diesel	2002-2003	PF9030
Ford	Excursion Diesel Powerstroke	7.3L V8 Turbo Diesel	2002-2003	PF9030
Ford	F250/F350/F450 Superduty Diesel Powerstroke	7.3L V8 Turbo Diesel	1999-2003	PF9031
Ford	Excursion Diesel Powerstroke	7.3L V8 Turbo Diesel	2000-2003	PF9031
Ford	F250/F350/F450/F550 Superduty Diesel Powerstroke (Air temperature sensor equipped)	6.0L V8 Turbo Diesel	2003--2005	PF9049
Ford	Excursion Diesel Powerstroke (Air temperature sensor equipped)	6.0L V8 Turbo Diesel	2003-2005	PF9049
Ford	F250/F350/F450/F550 Superduty Diesel Powerstroke (MAF sensor equipped)	6.0L V8 Turbo Diesel	2003-2007	PF9050
Ford	Excursion Diesel Powerstroke (MAF sensor equipped)	6.0L V8 Turbo Diesel	2003-2005	PF9050
Ford	F250/F350/F450/F550 Superduty Diesel Powerstroke	6.4L V8 Turbo Diesel	2008-2010	PF9051
GMC	Sierra 2500HD/3500HD Duramax Turbo diesel LB7	6.6L Turbo Diesel	2001-2004	PF7073
GMC	Sierra 2500HD/3500HD Duramax Turbo diesel LLY	6.6L Turbo Diesel	2004.5-2005	PF7074
GMC	Sierra 2500HD/3500HD Duramax Turbo diesel LLY/LBZ (GMT800)	6.6L Turbo Diesel	2005-2007	PF7075
GMC	Sierra 2500HD/3500HD Duramax Turbo diesel LLM (GMT900)	6.6L Turbo Diesel	2007.5-2009	PF7076

## EVALUATION SUMMARY

Manufacturer Name: Injen Technology

Name of Device: Power-Flow Intake Systems

Background:

Injen Technology of 285 Pioneer Place, Pomona, California 91768, has applied for an exemption from the prohibitions in Section 27156 of the California Vehicle Code (VC) for the Power-Flow Intake Systems designed for the diesel vehicles listed in the attached Exhibit A.

Recommendation:

Grant exemption to Injen Technology as requested, and issue Executive Order D-476-7.

Device Description:

The Power-Flow Intake Systems includes the following main components: open-element air filter, air filter housings, crankcase ventilation hose (as applicable), brackets (as applicable), and other assorted hardware.

The Power-Flow Intake Systems air intake systems are specifically designed for installation on the diesel vehicles listed in the attached Executive Order. The installation of the system does not require any major modifications to the stock motor, except for the modification of the factory air intake system to accommodate the Power-Flow Intake Systems air filter and hardware.

The Power-Flow Intake Systems is intended to increase the engine's volumetric efficiency and power output at particular engine loads and throttle openings. At heavy engine loads and increased throttle openings, the airflow into the engine is increased because the Power-Flow Intake Systems is less restrictive than the stock air filter. This allows more air to enter the engine, which is compensated by the vehicle engine control module with an increase in fuel flow, resulting in a higher power output.

Discussion/Basis for the Recommendation:

This Executive Order is granted based on an examination of the On-Board Diagnostic II (OBD II) system of a 2008 model-year Ford 6.4 Liter Diesel F-250 (engine test group 8FMXA06.4AGC) in the modified configuration, and an engineering evaluation of the emissions impact of the device if measured using the Federal Test Procedure. Therefore, the staff concludes that the Power-Flow Intake Systems meets the requirements for a VC 27156 exemption for the diesel vehicles listed in the attached Exhibit A.