

EXECUTIVE ORDER D-550-37

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Advanced Flow Engineering
DFS780 and DFS780 PRO Fuel Systems

Pursuant to the authority vested in the California 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 DFS780 and DFS780 PRO Fuel Systems, manufactured and marketed by Advanced Flow Engineering, 252 Granite Street Corona, California 92879, have 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 GM vehicle applications listed in Exhibit A.

The DFS780 and DFS780 PRO Fuel Systems are add-on diesel fuel lift pumps with integrated fuel filter and water separator that are designed to be installed on the frame rail of the truck near the fuel tank, in series between the fuel tank and the stock fuel pump. These add-on parts are designed to work with the stock fuel pump and regulator. The DFS780 Fuel System is sold in two configurations. In one configuration the DFS780 Fuel System runs anytime the factory fuel lift pump runs. In the second configuration a pressure switch is installed in the intake elbow and turns the pump on anytime the boost pressure exceeds 5 PSI. **The DFS780 and DFS780 PRO Fuel Systems have no mechanical or electrical user adjustments. No changes are made to any component of the stock engine for installation, including engine calibration.**

This Executive Order is valid provided that the installation instructions for the DFS780 and DFS780 PRO Fuel Systems will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the DFS780 and DFS780 PRO Fuel Systems, as exempt by the California 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 DFS780 and DFS780 PRO Fuel 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 DFS780 and DFS780 PRO Fuel Systems using any identification other than that shown in this Executive Order or marketing of the DFS780 and DFS780 PRO Fuel Systems for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the DFS780 and DFS780 PRO Fuel Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on an engineering evaluation and information supplied by Advanced Flow Engineering on the DFS780 and DFS780 PRO Fuel Systems. Fuel pressure is retained by the factory fuel pressure regulator in a stock setting.

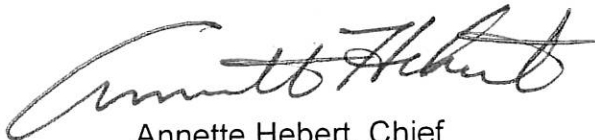
The California Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE CALIFORNIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE DFS780 AND DFS780 PRO FUEL SYSTEMS.

No claim of any kind, such as "Approved by the California 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 29 day of November 2018.



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

Exhibit A

Part #	Model Year	Make	Model*	Engine
DFS780 (Full-Time Pump Operation)				
42-14023	2017 to 2019	GM	2500/3500 Silverado/Sierra	6.6L TD
42-14021	2011 to 2016	GM	2500/3500 Silverado/Sierra	6.6L TD
42-14011	2001 to 2010	GM	2500/3500 Silverado/Sierra	6.6L TD
DFS780 (Boost Activated Pump Operation)				
42-14024	2017 to 2019	GM	2500/3500 Silverado/Sierra	6.6L TD
42-14022	2011 to 2016	GM	2500/3500 Silverado/Sierra	6.6L TD
42-14012	2001 to 2010	GM	2500/3500 Silverado/Sierra	6.6L TD
DFS780 PRO (Full-Time Pump Operation)				
42-24021	2017 to 2019	GM	2500/3500 Silverado/Sierra	6.6L TD
42-24011	2011 to 2016	GM	2500/3500 Silverado/Sierra	6.6L TD
42-24011	2001 to 2010	GM	2500/3500 Silverado/Sierra	6.6L TD