CALIFORNIA
AIR RESOURCES BOARD

EXECUTIVE ORDER D-553-20

Relating to Exemptions Under Section 27156
of the California Vehicle Code

BD Engine Brake
Fuel Rail Plug
Part Number 1050071

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-19-095;

IT IS ORDERED AND RESOLVED: That the installation of the Fuel Rail Plug, produced and marketed by BD Engine Brake of 33541 MacLure Road, Abbotsford, British Columbia Canada, V2S 7W2, 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 2004-2010 GM 6.6L diesel Silverado/Sierra 2500/3500 pickup trucks.

The Fuel Rail Plug is a device that replaces the factory fuel pressure relief valve. The engine fuel pressure is controlled by the ECM through the remaining metering unit of the fuel injection pump. The system then must operate entirely below the threshold of the relief valve. By installing the fuel rail plug no change in fuel system operation was observed. The fuel rail pressure continued to be controlled by the ECM and is unchanged.

This Executive Order is valid provided that the installation instructions for the Fuel Rail Plug 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 Fuel Rail Plug, 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 Fuel Rail Plug 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 Fuel Rail Plug using any identification other than that shown in this Executive Order or marketing of the Fuel Rail Plug 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 Fuel Rail Plug may have on any warranty, either expressed or implied by the vehicle

manufacturer; or compliance with any other state, federal, or local law, such as safety equipment requirements or noise limitations.

This Executive Order is granted based on information submitted by BD Engine Brake, including test data.

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. Further, if test results or other evidence provides the California Air Resources Board with reason to suspect that the Fuel Rail Plug will affect the durability of emission control systems, BD Engine Brake 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 CALIFORIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE BD ENGINE BRAKE FUEL RAIL PLUG.

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 on this 21st day of June 2024.

Robin U. Lang

Robin U. Lang, Chief
Emissions Certification and Compliance Division