CALIFORNIA
AIR RESOURCES BOARD

EXECUTIVE ORDER D-553-35

Relating to Exemptions Under Section 27156
of the California Vehicle Code

BD Engine Brake, D.B.A. BD Diesel Performance
Exhaust Manifold

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 Exhaust Manifold, 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 installation on the vehicles listed in Exhibit A.

The Exhaust Manifold consists of gaskets, studs, and either a single exhaust manifold or a pair of identical exhaust manifolds. Part Number 1041487 consists of the single exhaust manifold, while part number 1041482 contains an identical pair of the same exhaust manifold included in 1041487. A single exhaust manifold is designed to be installed on either the passenger's side or the driver's side. No other changes are required for proper installation. There are no end-user modifications to the ECU calibration, no other adjustable parameters, and no other major engine modifications.

The Exhaust Manifold also includes 1/8-inch national pipe thread (NPT) ports that shall only be used for installing sensors for measuring the air temperature, pressure, or flow. These sensors shall have a fitting of 1/8-inch NPT and shall not be connected to the vehicle's electronic control units. In addition, factory sensors that are equipped on the vehicle shall not be relocated to the ports. The ports, when not used, shall be closed off with supplied plugs.

This Executive Order is valid provided that the installation instructions for the Exhaust Manifold 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 Exhaust Manifold, as exempted 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 Exhaust Manifold 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 Exhaust Manifold using any identification other than that shown in this Executive Order or marketing of the Exhaust Manifold 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.

Exemption of the Exhaust Manifold shall not be construed as an exemption to sell, offer for sale, or advertise any component of the assembly as individual devices.

This Executive Order does not constitute any opinion as to the effect the use of the Exhaust Manifold 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 previously submitted emissions 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 Exhaust Manifold 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 is 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 BD ENGINE BRAKE CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF BD ENGINE BRAKE’S EXHAUST MANIFOLD.

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 10-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 10 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 23rd day of March 2026.

Timothy Antcliff for

Robin U. Lang, Chief
Emissions Certification and Compliance Division

Exhibit A

Part Number*	Model Year	Vehicle Model**	Engine
1041482, 1041487	2008-2010	Ford F-250	6.4L turbodiesel
1041482, 1041487	2008-2010	Ford F-350	6.4L turbodiesel

* Part number 1041487 contains a single exhaust manifold. Part number 1041482 contains an identical pair of the same exhaust manifold included in 1041482.
** This coverage includes every model listed in all of the following Test Groups/Engine Families: 8NVXH06.4AGC, 9NVXH06.4AGC.