CALIFORNIA
AIR RESOURCES BOARD

EXECUTIVE ORDER D-550-45

Relating to Exemptions under
Section 27156 of the California Vehicle Code

Advanced Flow Engineering
MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe

Pursuant to the authority vested in the California Air Resources Board by Section 27156 of the California Vehicle Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: That installation of the MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe, manufactured by Advanced Flow Engineering, 252 Granite Street, Corona, California 92879, has been found not to reduce the effectiveness of the applicable vehicle pollution control system, and therefore, the MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe is exempt from the prohibitions in Section 27156 of the California Vehicle code for the GMC/Chevrolet medium-duty turbo diesel trucks as listed below.

Part Number	Make	Model	Model Year	Engine Displacement & Code
49-44095	GMC/Chevrolet	2500/3500 Sierra/ Silverado Pickup Truck	2011-2015	Diesel 6.6L V8 LML

The MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe is designed by Advanced Flow Engineering to replace the factory down-pipe. It allows exhaust gases to flow more efficiently out of the engine. The MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe has no mechanical or electrical user adjustments, and all the emission related devices are retained in place and function normally.

This exemption is based on evaluation of the MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe under the "Procedures for Exemption of Add-On and Modified Parts", last amended June 1, 1990.

This Executive Order is granted based on emission test data conducted on a 2015 model year 6.6L Chevrolet Silverado 2500 Pick-up Truck (FGMXH06.6355, LEV2 ULEV) modified with the MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe. Test results demonstrated that the tail pipe emissions met the vehicle's applicable emission standards during a Federal Test Procedure, and the vehicle's ability to perform its On Board Diagnostics (OBD) II monitoring was not affected.

Results from emission testing conducted at the SEMA Compliance Center in Diamond Bar, California, are shown in the results table, in grams per mile.

	NMHC	CO	NOx	PM	HCHO
Standard	0.143	6.4	0.2	0.06	0.016
Device	0.056	0.5	0.15	0.003	0.002

Exemption of the MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe shall not be construed as an exemption to sell, offer for sale, or advertise any components of the system as individual devices.

This Executive Order shall not apply to any MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order is valid provided that the installation instructions for the MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe 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 MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe, as exempted by the California Air Resources Board, that adversely affect the performance of the vehicle's emission control system, shall invalidate this Executive Order.

Marketing of the MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe using identification other than that shown in this Executive Order or marketing of the MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe 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.

In addition to the foregoing, 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 any opinion as to the effect the use of the MACH Force-XP 3" 409 Stainless Steel Turbo Down-pipe may have on any warranty either expressed or implied by the vehicle manufacturer.

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.

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 MACH FORCE-XP 3" 409 STAINLESS STEEL TURBO DOWN-PIPE.

Violation of any of the above conditions shall be grounds for revocation of this Executive Order. The Executive Order may be revoked only after a ten-day written notice of intention to revoke the Executive Order, in which period the holder of the Executive 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 Executive Order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed ~~at El Monte, California~~ this 4TH day of May 2020.

Allen Lyons, Chief
Emissions Certification and Compliance Division