



## EXECUTIVE ORDER D-550-48

Relating to Exemptions under  
Section 27156 of the California Vehicle Code

Advanced Flow Engineering  
MACH Force-XP Turbo Down-Pipe and Atlas Turbo Down-Pipe

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 installation of the MACH Force-XP Turbo Down-Pipe and Atlas 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, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the turbodiesel vehicle applications listed in Exhibit A.

The MACH Force-XP Turbo Down-Pipe and Atlas Turbo Down-Pipe replaces the factory exhaust down-pipes allowing the exhaust gases to flow more efficiently out of the engine. The MACH Force-XP Turbo Down-Pipe and Atlas Turbo Down-Pipe have no mechanical or electrical user adjustments, and all the emission related devices are retained in place and function normally.

This Executive Order is granted based on exhaust emissions testing on a 2009 6.6L Chevrolet Silverado (9GMXH06.6590, ULEV) modified with the MACH Force-XP Turbo Down-pipe (Part Number: 49-44034). Results demonstrated that the emission level of each constituent in the modified configuration was less than 10 percent above the baseline emission level when tested using the Supplemental Federal Test Procedure (SFTP) US06, and SC03 test cycles. The vehicle's ability to perform the On-Board Diagnostics II (OBD II) monitoring was found to be not affected. OBD II monitoring were also performed on a 2015 6.6L Chevrolet Silverado (FGMXD06.6355, LEV2 ULEV) modified with the Atlas Turbo Down-pipe (Part Number: 49-44113) and was found to be not affected.

This Executive Order is valid provided that the installation instructions for the MACH Force-XP Turbo Down-Pipe and Atlas 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 Turbo Down-Pipe and Atlas 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.

This Executive Order shall not apply to any MACH Force-XP Turbo Down-Pipe and Atlas 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.

Marketing of the MACH Force-XP Turbo Down-Pipe and Atlas Turbo Down-Pipe using any identification other than those shown in this Executive Order or marketing of the MACH Force-XP Turbo Down-Pipe and Atlas 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.

This Executive Order does not constitute any opinion as to the effect the use of the MACH Force-XP Turbo Down-Pipe and Atlas Turbo Down-Pipe may have on any warranty either expressed or implied by the vehicle manufacturer.

Exemption of the MACH Force-XP Turbo Down-Pipe and Atlas Turbo Down-Pipe shall not be construed as an exemption to sell, offer for sale, or advertise any component of the assembly as individual devices.

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 MACH FORCE-XP TURBO DOWN-PIPE AND ATLAS TURBO DOWN-PIPE.

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 4th day of May 2021.



Allen Lyons, Chief  
Emissions Certification and Compliance Division

## Exhibit A

<b>Part Number</b>	<b>Part Name</b>	<b>Make</b>	<b>Model</b>	<b>Model Year</b>	<b>Engine Size</b>
49-44095	MACH Force-Xp Turbo Down-Pipe	GMC/ Chevrolet	Sierra/ Silverado 2500/3500	2011-2015.5	6.6L Turbo (LML)
49-44113	MACH Force-Xp Turbo Down-Pipe	GMC/ Chevrolet	Sierra/ Silverado 2500/3500	2015.5-2016	6.6L Turbo (LML)
49-44034	MACH Force-Xp Turbo Down-Pipe	GMC/ Chevrolet	Sierra/ Silverado 2500/3500	2004-2006	6.6L Turbo (LLY)
49-44034	MACH Force-Xp Turbo Down-Pipe	GMC/ Chevrolet	Sierra/ Silverado 2500/3500	2006-2007	6.6L Turbo (LBZ)
49-44034	MACH Force-Xp Turbo Down-Pipe	GMC/ Chevrolet	Sierra/ Silverado 2500/3500	2007-2010	6.6L Turbo (LMM)
49-04034	Atlas Turbo Down-Pipe	GMC/ Chevrolet	Sierra/ Silverado 2500/3500	2007-2010	6.6L Turbo (LMM)
49-04034	Atlas Turbo Down-Pipe	GMC/ Chevrolet	Sierra/ Silverado 2500/3500	2004-2006	6.6L Turbo (LLY)
49-04034	Atlas Turbo Down-Pipe	GMC/ Chevrolet	Sierra/ Silverado 2500/3500	2006-2007	6.6L Turbo (LBZ)
49-04093	Atlas Turbo Down-Pipe	GMC/ Chevrolet	Sierra/ Silverado 2500/3500	2001-2004	6.6L Turbo (LB7)