State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-691-1

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Weistec Engineering
M157/M278 Tune

Pursuant to the authority vested in the 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 M157/M278 Tune, manufactured and marketed by Weistec Engineering, 1266 North La Loma Circle, Anaheim, California 92806, 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 following 2011 to 2017 model year Mercedes-Benz turbo vehicles equipped with a 4.7L or 5.5L gasoline engine, as listed in Exhibit A.

The M157/M278 Tune is a new ECM calibration designed to increase the overall performance of the twin turbo 4.7L or 5.5L gasoline engine. Modifications to the ECM are conducted by Weistec Engineering only, there are no user adjustments.

This Executive Order is valid provided that the installation instructions for the M157/M278 Tune will not recommend tuning the vehicle to specifications different from those of Weistec Engineering

Changes made to the design or operating conditions of the M157/M278 Tune, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

This exemption is issued based on submitted emissions test data, from the SEMA Garage, Diamond Bar, California, on a 2013 model year 5.5L Mercedes C63, certified to the LEV II ULEV PC emission standards and tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle, Highway Fuel Economy Test (HWFET), and the Supplemental Federal Test Procedure (SFTP US06/SC03 (AC2 test + 20%)) test cycle.

	CVS-75 FTP NMOG	CO	NOx	HCHO
Standards (UL)	0.055	2.1	0.07	0.011
Device Test (w/ df applied, 2 test avg)	0.035	0.5	0.04	0.001

	US06/SC03 NMHC+NOx	CO
Standards 4k	0.14/0.20	8.0/2.7
Device	0.05/0.04	1.2/0.2

	HWFET – NOx
Standard (UL)	0.09
Device w/df	0.05

Horsepower gain was measured at 123 hp

Test results showed that the M157/M278 Tune when installed on the vehicle did not cause exhaust emissions to exceed the applicable emission standards during the FTP and SFTP. This Executive Order is also based on the On-Board Diagnostic II (OBD II) testing conducted on the same test vehicle. The M157/M278 Tune when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

The 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 AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE M157/M278 TUNE.

No claim of any kind, such as "Approved by the 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 14th day of April 2017.

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

Exhibit A

Part #	Engine Desc.	MY	Model
01-278-00828-6	4.7 Turbo Gas	2017	GLS 550 4MATIC
		2013-17	SL 550
		2012-17	E 550, 4MATIC, Convertible, Coupe
			S 550, 4MATIC, Convertible, Coupe, W
		2011-17	CL 550 4MATIC
		2013-16	GL 550 4MATIC
		2013-15	ML 550 4MATIC
		2013-14	GL 450 4MATIC
01-157-00252-3	5.5 Turbo Gas	2017	AMG GLS 63
		2016-17	AMG CLS 63 S 4MATIC
			AMG GLE 63, S, Coupe
			AMG S 63 4MATIC, Convertible, Coupe
		2013-17	SL 63 AMG
		2016	AMG E 63 4MATIC, S, Wagon
		2016	AMG G 63, GL 63
		2015	CLS 63 AMG S 4MATIC
		2013-15	G 63 AMG, GL 63, ML 63
		2012-15	E 63 AMG, S, Wagon, 4MATIC
		2011-15	S 63 AMG, 4MATIC, Coupe
		2012-14	CLS 63 AMG, S
		2011-14	CL 63 AMG