



EXECUTIVE ORDER D-802-3

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Powerteq
Pulsar

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 Pulsar, manufactured and marketed by Powerteq, 1080 South Depot Drive Ogden, Utah 84404, and its subsidiaries DiabloSport, Edge Products, and Superchips 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 vehicles:

Part Number	Make	Model	Engine Size (L)	Model Year
42450	JEEP	WRANGLER JK	3.6L	2015 to 2018
42451	JEEP	WRANGLER JL	3.6L	2018 to 2019

The Pulsar is an in line tuner that connects between the stock ECU and the wire harnesses that connect to the ECU. The Pulsar modifies sensor signals to increase engine performance. The user can select between three performance levels (Economy, Tow, and Performance) through the use of the Set+ and Set- buttons for cruise control on the steering wheel. The stock ECU is not reprogrammed.

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

Exemption of the Pulsar 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 is granted based on submitted emission test data generated on a 2018 model year Jeep Wrangler JL 3.6L (JCRXT03.65P5, LEV3 ULEV70, LDT2), modified with the Pulsar set to the Performance level. Test results showed that emission levels, with the Pulsar installed, met the emission standards for the Cold-Start CVS-75 Federal and Supplemental Federal test cycles. Results from emission testing conducted at the SEMA Garage, Diamond Bar, California, are shown below, in grams per mile, with deterioration factors (df) applied.

	CVS-75				US06	SFTP Composite	
	NMOG+NOx	CO	HCHO	PM	PM	NMOG+NOx	CO
Standards	0.070	1.7	0.004	0.003	0.010	0.070 (BIN)	4.2
Device	0.068	0.9	0.001	0.000	0.001	0.056	0.8

Examination of the OBD II system showed the Pulsar does not affect OBD II system operation, therefore meeting the OBDII requirements.

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 THE PULSAR.

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 at El Monte, California, this 23rd day of August 2019.


Allen Lyons, Chief
Emissions Certification and Compliance Division