EXECUTIVE ORDER D-816-2

Relating to Exemptions Under Section 27156
of the California Vehicle Code

JMS Chip & Performance
PedalMax

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 PedalMax, manufactured and marketed by JMS Chip & Performance, 3247 Highway 64 South Lucedale, Mississippi 39452, 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 vehicle applications:

<table>
<thead>
<tr>
<th>PN</th>
<th>Make</th>
<th>Model</th>
<th>Model Years</th>
<th>Engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>PX1114F</td>
<td>Ford</td>
<td>Transit T-150/250/350</td>
<td>2015 to 2018</td>
<td>3.2L diesel</td>
</tr>
<tr>
<td>PX1114F</td>
<td>Ford</td>
<td>F-250/350/450 Trucks</td>
<td>2011 to 2019</td>
<td>6.7L diesel</td>
</tr>
</tbody>
</table>

The PedalMax is an inline module designed to enhance the vehicle's performance feel by altering the ramp rate of the Accelerator Pedal Position Sensor (APPS). The PedalMax utilizes factory style connectors and connects inline between the stock APPS and stock ECU wiring harness that is connected to the APPS. A control knob is provided that allows the user to reduce the pedal sensitivity from 100% down to 0%. Emission-related data files cannot be modified by the end user.

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

Exemption of the PedalMax 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 an evaluation of information, including emission test data, submitted by JMS Chip & Performance.

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 PEDALMAX.

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 27th day of August 2019.

[Signature]

Allen Lyons, Chief
Emissions Certification and Compliance Division
EVALUATION SUMMARY

Manufacturer Name: JMS Chip & Performance

Name of Device: PedalMax

Background:
JMS Chip & Performance of 3247 Highway 64 South Lucedale, Mississippi 39452, has applied for an exemption from the prohibitions in Section 27156 of the California Vehicle Code (VC) for its PedalMax designed for installation on following vehicles listed in Executive Order.

Recommendation:
Grant exemption to JMS Chip & Performance as requested, and issue Executive Order D-816-2.

Device Description:
The PedalMax is an inline module designed to enhance the vehicle’s performance feel by altering the ramp rate of the Accelerator Pedal Position Sensor (APPS). The PedalMax utilizes factory style connectors and connects inline between the stock APPS and stock ECU wiring harness that is connected to the APPS. A control knob is provided that allows the user to reduce the pedal sensitivity from 100% down to 0%. Emission-related data files cannot be modified by the end user.

Discussion/Basis for the Recommendation:
To demonstrate the emissions impact of the PedalMax, JMS Chip & Performance conducted emissions testing on a 2019 model year Ford F-250 6.7L (KFMXD06.761B, LEV II ULEV, MDV), modified with the PedalMax set on the most aggressive setting and tested using the Cold-Start CVS-75 Federal Test Procedure test cycle. Results from emission testing conducted at the SEMA Garage, Diamond Bar, California, are shown below, in grams per mile, with deterioration factors (df) applied.

<table>
<thead>
<tr>
<th>Usefull Life FTP Emission Level (w/ df applied)</th>
<th>NMHC</th>
<th>CO</th>
<th>NOx</th>
<th>HCHO</th>
<th>PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.070</td>
<td>0.3</td>
<td>0.2</td>
<td>0.002</td>
<td>0.01</td>
<td></td>
</tr>
<tr>
<td>Standards</td>
<td>0.143</td>
<td>6.4</td>
<td>0.2</td>
<td>0.016</td>
<td>0.06</td>
</tr>
</tbody>
</table>

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the PedalMax did not affect OBD II system operation. A similar effect on vehicle emissions and OBD II monitoring is expected with the installation of PedalMax on the other vehicles listed in this Executive Order.

JMS Chip & Performance’s PedalMax meets the criteria for exempting general criteria parts for those vehicles listed in the Executive Order.