

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-660-5

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Cobb Tuning  
Intercooler Upgrade Kits

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 Intercooler Upgrade Kits , manufactured and marketed by Cobb Tuning, 2311 West Rundberg Lane, Austin, Texas 78758, 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 Ford vehicles listed:

| <u>PN</u> | <u>Description</u>          | <u>Year</u> | <u>Vehicle</u> | <u>Engine</u> |
|-----------|-----------------------------|-------------|----------------|---------------|
| 7M1500    | Front Mount Intercooler     | 2015-16     | Ford Mustang   | 2.3L Turbo    |
| 701500    | Front Mount Intercooler Kit | 2014-16     | Ford Fiesta ST | 1.6L Turbo    |
| 701502    | Intercooler Upgrade         |             |                |               |
| 702500    | Front Mount Intercooler Kit |             |                |               |
| 702502    | Intercooler Upgrade         |             |                |               |
| 791500    | Front Mount Intercooler     | 2013-16     | Ford Focus     | 2.0L Turbo    |
| 792500    | Front Mount Intercooler     |             |                |               |

The Intercooler Upgrade Kits consists of an air to air intercooler only (part numbers 701500, 702500, and 791500 include connecting pipes). There are no user adjustments for proper installation and no sensors are moved or modified. No changes are made to the ECU calibration with installation. Stock air cleaner housing is not modified with installation.

This Executive Order is valid provided that the installation instructions for the Intercooler Upgrade Kits 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 Intercooler Upgrade Kits, 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 2015 model year Ford 2.3L Turbo Mustang certified to the LEV 3 ULEV 70 emission standards and tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP US06/SC03 (AC2 test + 20%)) test cycle.

| Useful Life FTP<br>Emission Level<br>(w/ df applied,<br>2 test avg) | NMOG+NOx | CO  | HCHO  |
|---------------------------------------------------------------------|----------|-----|-------|
|                                                                     | 0.068    | 0.4 | 0.000 |
| Standards                                                           | 0.070    | 1.7 | 0.004 |

| Useful Life SFTP<br>Emission Level<br>(Composite w/ df) | NMOG+NOx | CO  |
|---------------------------------------------------------|----------|-----|
|                                                         | 0.03     | 0.2 |
| Standards                                               | 0.14     | 4.2 |

Test results showed that the Intercooler Upgrade Kit 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 Intercooler Upgrade Kit 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 INTERCOOLER UPGRADE KIT.

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 18<sup>th</sup> day of July 2016.

  
Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division