

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-418-24

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Roush Industries
Roush Cold Air Intake, P/Ns 421735, 421736, 421737

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 Roush Cold Air Intake, manufactured and marketed by Roush Industries of 777 Republic Drive, Allen Park, Michigan 48101, 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 2012 to 2014 model year Ford 3.5L F-150 with ECO Boost, **excluding those 2012 model year Ford F-150 trucks with engine test group CFMXT03.54EP.**

The Roush Cold Air Intake includes the following main components: Air intake system and a new electronic control unit calibration. The air intake system includes an air intake tube, air box bottom, conical air filter, and rubber hose clamps, the manifold air pressure sensor element is retained in its stock location and orientation and is relocated to the new intake tube. The new electronic control unit calibration has no user adjustments. **Installation of the Roush Cold Air Intake requires the removal of the stock air filter housing and all intake air tubing. If the stock air filter housing contains the vehicle's tune-up & emissions control decal, a replacement decal must be placed in a similar location.**

This Executive Order is valid provided that the installation instructions for the Roush Cold Air Intake 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 Roush Cold Air Intake, 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 Executive Order shall not apply to any Roush Cold Air Intake 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 Roush Cold Air Intake using any identification other than that shown in this Executive Order or marketing of the Roush Cold Air Intake for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Roush Cold Air Intake may have on any warranty either expressed or implied by the vehicle manufacturer.

This exemption is issued based on submitted emissions test data, from Roush Industries, Livonia, Michigan, on a 2012 model year Ford F-150 (Test Group CFMXT03.54DX) certified to the Low Emission Vehicle II Low Emission Vehicle (LEV II LEV) standards and tested using the Cold Start Federal Test Procedure and the Supplemental Federal Test Procedure (SFTP US06) test cycle:

F-150

50k FTP Emission Level (w. DF applied)	NMOG 0.027	CO 1.0	NOx 0.01	HCHO 0.0
STD	0.075	3.4	0.05	0.015
US06 Emission Level	NMHC+NOx 0.08	CO 0.7		
STD	0.60	11.8		

Test results showed that the Roush Cold Air Intake when installed on the vehicle did not cause exhaust emissions to exceed the applicable emission standards during the Cold Start Federal Test Procedure and the Supplemental Federal Test Procedure. This Executive Order is also based on the On-Board Diagnostic II (OBD II) testing conducted on the same test vehicle. The Roush Cold Air Intake 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 ROUSH INDUSTRIES' ROUSH COLD AIR INTAKE.

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 29th day of August 2014.



Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division