State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-425-46

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Toyota Racing Development
TRD Performance Air Intake Kit

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-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the TRD Performance Air Intake Kit, manufactured and marketed by Toyota Racing Development, 19001 South Western Avenue, Torrance, California 90501, 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:

Vehicle Application	Part Number	Engine Displacement
2007 to 2009 Tundra	PTR03-34072	4.7L
2008 to 2009 Sequoia	PTR03-34072	4.7L
2007 to 2013 Tundra	PTR03-34100	5.7L
2008 to 2013 Sequoia	PTR03-34100	5.7L
2010 to 2013 Tundra	PTR03-34102	4.6L
2010 to 2012 Sequoia	PTR03-34102	4.6L
2011 to 2013 Scion tC	PTR03-21101	2.5L
2013 Scion FR-S	PTR03-18130	2.0L
2008 to 2013 Scion xB	PTR03-52110	2.4L
2010 to 2013 4-Runner and FJ Cruiser	PTR03-89100	4.0L
2005 to 2013 Tacoma	PTR03-35090	4.0L
2003 to 2009 4-Runner	PTR03-35090	4.0L
2007 to 2009 FJ Cruiser	PTR03-35090	4.0L

For part numbers PTR03-34072, PTR03-34100, and PTR03-34102, the TRD Cold Air Intake includes a modified air filter housing lid with a Tundra hydrocarbon trap that is permanently heat staked to the lid of the housing, conical air filter element, an add-on ram air at stock inlet duct, and air intake tubing from the new air filter housing lid to the stock throttlebody. No other modifications are required for installation other than the replacement of the stock air filter housing lid, and intake tubing with Toyota Racing Development's unit. The replacement conical air filter element is designed to replace the stock rectangular element using a molded plastic adaptor.

For part numbers PTR03-21101 and PTR03-52110, the TRD Performance Air Intake Kit includes a modified air filter housing lid with a stock hydrocarbon trap that is permanently heat staked to the lid of the housing, an add-on ram air at stock inlet duct, and air intake tubing from the new air filter housing lid to the stock throttlebody. No other modifications are required for installation other than the replacement of the stock air filter housing lid, and intake tubing with Toyota Racing Development's unit.

For part number PTR03-18130, the TRD Performance Air Intake includes a modified upper and lower air box case, modified air inlet coupler (dirty side of filter), red rubber coupler between air box and throttlebody, and a TRD flat panel air filter. No other modifications are required for installation. Stock mass air flow sensor is retained and installed in its stock location. There is no hydrocarbon trap used for this vehicle application.

For part numbers PTR03-89100 and PTR03-35090, the TRD Performance Air Intake includes a modified upper and lower airbox with a Tundra hydrocarbon trap that is permanently heat staked to the upper airbox lid, an add-on ram air at stock inlet duct, and air intake tubing from the new air filter housing lid to the stock throttlebody. No other modifications are required for installation. Stock mass air flow sensor is retained and installed in its stock location.

This Executive Order is valid provided that the installation instructions for the TRD Performance Air Intake Kit will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

Changes made to the design or operating conditions of the TRD Performance Air Intake Kit, 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 TRD Performance Air Intake Kit 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 TRD Performance Air Intake Kit using any identification other than that shown in this Executive Order or marketing of the TRD Performance Air Intake Kit 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 TRD Performance Air Intake Kit may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on previously submitted emission test data from Toyota Racing Development (D-425-21 and D-425-22) on a 2008 model year Toyota xB with a 2.4 liter engine (8TYXV02.4BEB) and a 2007 model year Toyota Tundra with a 5.7 liter engine (7TYXT05.7BEV), both certified to the Low Emission Vehicle II Ultra Low Emission Vehicle (LEV II ULEV) emission standards. The emission test results with the TRD Cold Air Intake installed were below the applicable certification emission standards. Examination of the OBD II system, showed no effect on the vehicles' OBD II system operation. The same emission and OBD II test results would be expected with the TRD Performance Air Intake Kit installed on the requested vehicles.

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 TRD PERFORMANCE AIR INTAKE 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 21st day of November 2012.

J. Fonseca
for Annette Hebert, Chief
Mobile Source Operations Division