

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-550-21

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Advanced Flow Engineering, Inc.
Takeda Intake Systems

Pursuant to the authority vested in the Air Resources Board (ARB) by Section 27156 of the Vehicle Code (VC); 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 Takeda Intake Systems, manufactured and marketed by Advanced Flow Engineering, Inc. (AFE) of 252 Granite Street, Corona, California 92879, 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 2003 to 2016 Nissan vehicles listed in Exhibit A.

The Takeda Intake Systems replace the stock air filter housing and tubing, and consist of the following main components: open element air filter, air intake tubing from the throttle body to the filter, and all necessary mounting hardware for proper installation. No changes are made to any other components of the stock engine, including engine calibration.

This Executive Order is valid provided that installation instructions for the Takeda Intake Systems 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 Takeda Intake Systems, as exempt by the ARB, 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 Takeda Intake Systems 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 Takeda Intake Systems using any identification other than that shown in this Executive Order or marketing of the Takeda Intake Systems for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB.

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

This Executive Order is granted based on a prior evaluation using the Federal Test Procedure, Supplemental Federal Test Procedure (US06), and On-Board Diagnostics II examination on a 2012 Nissan Altima (LEV II SULEV) which determined that the Takeda Intake Systems would not cause an adverse effect on emissions of the selected vehicles (D-550-16), nor does it affect the vehicles' ability to perform On-Board Diagnostic II system monitoring.

ARB 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. Further, if test results or other evidence provides the ARB with reason to suspect that the Takeda Intake Systems will affect the durability of emission control systems, AFE shall be required to submit durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

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 AFE TAKEDA INTAKE SYSTEMS.

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 31ST day of May 2017.


FOR  Annette Hébert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Exhibit A

Part #	Model Year	Make	Model*	Engine
51-10482 54-10482 75-10482	2003 – 2007	Nissan	350Z	3.5L V6 Gas
TR-3009B TR-3009P TA-3017B TA-3017P	2009 – 2016	Nissan	370Z	3.7L V6 Gas
TR-3019B-D TR-3019B-R	2014 – 2015	Infiniti	Q50	3.7L V6 Gas

*Model may include various trim levels