

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-249-8

Relating to Exemptions under  
Section 27156 of the Vehicle Code

Donaldson Company, Inc.  
Spiracle Closed Crankcase Filtration System

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 installation of the Spiracle Closed Crankcase Filtration System (P/Ns S040004 with P603746 or P607673, S040005 with P603568, and S040020 with P607673), manufactured and marketed by Donaldson Company, Inc. of 1400 West 94<sup>th</sup> Street, Bloomington, Minnesota 55431-2370, has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, the Spiracle Closed Crankcase Filtration System is exempt from the prohibitions in Section 27156 of the Vehicle Code for installation on 1988 through 2006 model-year four-stroke, turbocharged heavy-duty diesel engines originally certified to particulate matter standards of 0.60 g/bhp-hr or less, with horsepower ratings between 150 and 600.

The Spiracle Closed Crankcase Filtration System consists of a dual filter assembly which replaces the draft tube on the engine. The Spiracle Closed Crankcase Filtration System filters the engine blow-by gases and directs them into the engine air intake. The assembly includes a serviceable filter element.

This Executive Order is granted based on testing Donaldson Company, Inc. performed with the Spiracle Closed Crankcase Filtration System. Test results showed that the Spiracle Closed Crankcase Filtration System has no adverse impact on engine emissions.

This Executive Order is valid provided that the installation instructions for the Spiracle Closed Crankcase Filtration System do not recommend tuning the engines to specifications different from those of the engine manufacturers.

This Executive Order shall not apply to any Spiracle Closed Crankcase Filtration System advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with the transfer to an ultimate purchaser.

Changes made to the design or operating conditions of the Spiracle Closed Crankcase Filtration System, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Spiracle Closed Crankcase Filtration System using any identification other than that shown in this Executive Order or for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

Exemption of the Spiracle Closed Crankcase Filtration System shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect that the use of the Spiracle Closed Crankcase Filtration System may have on any warranty either expressed or implied by the vehicle manufacturer.

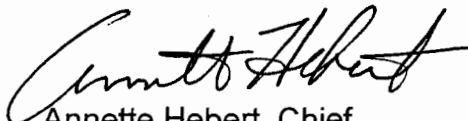
In addition to the foregoing, the Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 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 DONALDSON COMPANY, INC.'S SPIRACLE CLOSED CRANKCASE FILTRATION SYSTEM.

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 of other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this Executive Order. The Executive Order may be revoked only after a ten-day written notice of intention to revoke the Executive Order, in which period the holder of the Executive 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 Executive Order may not be revoked until a determination is made, after the hearing, that grounds for revocation exist.

Executed at El Monte, California, this 6 day of October 2010.



Annette Hebert, Chief  
Mobile Source Operations Division