

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-288-16  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

TRANSFER FLOW, INC.  
REPLACEMENT FUEL STORAGE SYSTEMS  
FOR 1998 MODEL-YEAR FORD MOTOR COMPANY  
3.0 AND 3.8 LITER WINDSTAR MINIVANS

Pursuant to the authority vested in the Air Resources Board (ARB) by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Replacement Fuel Storage Systems, manufactured by Transfer Flow, Inc. of 1444 Fortress Street, Chico, California 95973, has been found not to reduce the effectiveness of the applicable vehicle pollution control system, and therefore, the Replacement Fuel Storage Systems are exempt from the prohibitions of Section 27156 of the Vehicle Code for installation on 1998 model-year 3.0 and 3.8 liter Ford Motor Company Windstar minivans.

This exemption is based on fuel tank temperature profile and on-board diagnostic system testing conducted by Transfer Flow, Inc. on a 1996 model-year 3.3 liter Chrysler Corporation Dodge Caravan and on a 1997 model-year 5.4 liter Ford Motor Company E-250 van, respectively.

Through engineering evaluation of the temperature data, it was concluded that Transfer Flow, Inc.'s steel replacement fuel systems will not adversely affect evaporative emissions when installed on Chrysler Corporation minivans equipped with plastic fuel tanks of equivalent fuel tank capacity. The same emissions impact is expected when the replacement fuel systems are installed on the 1998 model-year Ford Motor Company Windstars. In addition, Transfer Flow, Inc. showed that their replacement fuel systems do not affect the operation of the Ford Motor Company evaporative system leak detection system.

This Executive Order is valid provided that installation instructions for these Replacement Fuel Storage Systems not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Replacement Fuel Storage Systems, as exempt by the ARB, which adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Replacement Fuel Storage Systems using an 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 ARB.

In addition to the foregoing, the 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.

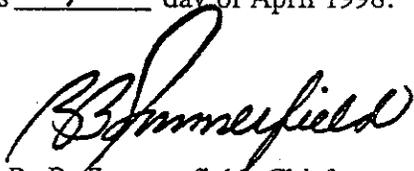
This Executive Order does not constitute any opinion as to the effect the use of these Replacement Fuel Storage Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF TRANSFER FLOW, INC.'S REPLACEMENT FUEL STORAGE 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 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 after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 7<sup>th</sup> day of April 1998.



R. B. Summerfield, Chief  
Mobile Source Operations Division