

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-288-17
Relating to Exemptions Under Section 27156
of the Vehicle Code

TRANSFER FLOW, INC.
REPLACEMENT FUEL STORAGE SYSTEMS

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 following Replacement Fuel Storage Systems are exempt from the prohibitions of Section 27156 of the Vehicle Code for installation on the corresponding 1999 model-year vehicles:

<u>Replacement Tank</u>	<u>Stock Tank</u>	<u>Vehicle Application</u>
21-gallon steel	20-gallon plastic	2.4/3.3/3.8 liter Chrysler minivans
20- or 22-gallon steel	20-gallon plastic	3.0/3.8 liter Ford Windstar minivans
26- or 27-gallon steel	34-gallon steel	4.2/4.6/5.4 liter Ford Econoline vans

This exemption is based on fuel tank temperature profile and on-board diagnostic system (OBD II) testing conducted by Transfer Flow, Inc. on three vehicles: 1) a 1996 model-year 3.3 liter Chrysler Dodge Caravan (fuel tank temperature profile); 2) a 1997 model-year 3.3 liter Plymouth Voyager (OBD II); and 3) a 1997 model-year 5.4 liter Ford E-250 van (OBD II).

Through engineering evaluation of the fuel tank temperature data, it was concluded that Transfer Flow, Inc.'s steel replacement fuel systems will not have an adverse effect on the evaporative emissions of the Dodge Caravan. In addition, Transfer Flow, Inc. showed that their replacement fuel systems do not affect the operation of the OBD II systems of the Plymouth Voyager or the E-250 van. The same emissions and OBD II system impact is expected when the replacement fuel systems are installed on the 1999 model-year vehicles for which the exemption is requested.

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.

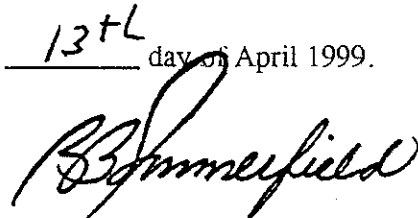
This Executive Order does not constitute any opinion as to the effect the use of these Replacement Fuel Storage Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

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 13th day of April 1999.



R. B. Summerfield, Chief
Mobile Source Operations Division