

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-288-20
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. (TFI) 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 the following Chrysler, Ford, and General Motors vehicles:

<u>Model-Year</u>	<u>Vehicle Model</u>	<u>Engine Size</u>	<u>Stock Tank</u>	<u>TFI Tank</u>
2000	Chrysler minivans	2.4/3.3/3.8 liter	20 gallons	21 gallons
2000	Ford Windstar minivans	3.0/3.8 liter	20 gallons	20 or 22 gallons
2000	Ford Econoline vans	4.2/4.6/5.4 liter	34 gallons	26 or 27 gallons
1999 & 2000	GM G-series vans	4.3/5.0/5.7/7.4 liter	31 gallons	29 or 35 gallons

This exemption is based on fuel tank temperature profile and on-board diagnostic (OBD II) system testing conducted by TFI on a 1996 model-year 3.3 liter Dodge Caravan, 1997 model-year 3.3 liter Plymouth Voyager, 1997 model-year 5.4 liter Ford E250 van, and 1998 model-year 5.7 liter General Motors G3500 van.

Based on engineering evaluation of the fuel tank temperature data and results of the OBD II system test, it was concluded that TFI's replacement fuel systems do not adversely affect the vehicles' evaporative emissions or their OBD II systems. Based on similarities of the fuel tank systems and OBD II system monitoring strategies of the vehicles, the same results are expected when TFI's replacement fuel tank systems are installed on the vehicles listed above.

Exemption of the replacement fuel tank assembly shall not be construed as an exemption to sell, offer for sale, or advertise any components of the replacement fuel tank assembly as individual devices.

— 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 16th day of November 1999.


R. B. Summerfield, Chief
Mobile Source Operations Division