

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-288-18  
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 Replacement Fuel Storage Systems are exempt from the prohibitions of Section 27156 of the Vehicle Code for installation on the diesel vehicles listed in Attachment A.

This exemption is based on engineering evaluation of the Replacement Fuel Storage Systems. Based on evaluation of the required modifications, it is concluded that Transfer Flow, Inc.'s Replacement Fuel Storage Systems will not adversely affect the exhaust or evaporative emissions of the 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 vehicles 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 26<sup>th</sup> day of April 1999.

  
R. B. Summerfield, Chief  
Mobile Source Operations Division

ATTACHMENT A  
DIESEL VEHICLES ONLY

| <u>VEHICLE<br/>MAKE</u>  | <u>MODEL<br/>YEAR</u> | <u>ENGINE<br/>SIZE</u>  | <u>SYSTEM<br/>NUMBER</u>   | <u>DEVICE<br/>DESCRIPTION</u>  |
|--|-----------------------|---|--|--|
| Dodge PU<br>Ram 1500/2500/3500   | 1996-99               | 5.9L<br>Diesel  | 080-01-09743   | 31.4 gal fuel system   |
| Ford PU<br>F150/250/350  | 1980-97               | 7.3L<br>Diesel  | 080-01-06858<br>080-01-08093<br>080-01-06821<br>080-01-06698   | 40.0 gal fuel system<br>35.0 gal fuel system<br>31.0 gal fuel system<br>45.0 gal fuel system   |
| Ford Cab Chassis<br>F-Super Duty<br>F350/450/550   | 1988-99               | 7.3L<br>Diesel  | 080-01-09736<br>080-01-09734<br>080-01-09669<br>080-01-09759<br>080-01-10494<br>080-01-10565<br>080-01-10343 | 33.0 gal fuel system<br>33.0 gal fuel system<br>23.0 gal fuel system<br>23.0 gal fuel system<br>34.0 gal fuel system<br>30.0 gal fuel system<br>33.8 gal fuel system |
| Ford Chassis<br>E350 RV Cutaway<br>E350 Commercial Stripped Chassis  | 1987-99               | 7.3L<br>Diesel  | 080-01-08568   | 60.0 gal fuel system   |
| Ford Class C<br>E350 RV Cutaway<br>E350 Commercial Cutaway<br>E350 RV Stripped Chassis<br>E350 Commercial Stripped Chassis | 1994-99               | 7.3L<br>Diesel  | 080-01-09314<br>080-01-09679   | 65.0 gal fuel system<br>26.5 gal fuel system   |
| Ford E Van<br>E150/250/350   | 1992-99               | 7.3L<br>Diesel  | 080-01-08269<br>080-01-08981<br>080-01-09942<br>080-01-09998   | 33.0 gal fuel system<br>26.0 gal fuel system<br>26.0 gal fuel system<br>27.0 gal fuel system   |
| Ford<br>Medium-Duty Truck<br>F650/750  | 1999                  | Navistar 7.3L/<br>Cummins 5.9L/<br>Caterpillar 3126<br>Diesel | 080-01-10786   | 130.0 gal fuel system<br>(Dual 65.0-gal tanks)   |
| GM PU<br>C1500/2500/3500   | 1988-99               | 6.2L/6.5L<br>Diesel   | 080-01-06764   | 52.0 gal fuel system   |

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|--|-----------------------|------------------------|--|--|
| GM PU<br>K1500/2500/3500   | 1988-99               | 6.2L/6.5L<br>Diesel    | 080-01-06955                                 | 46.0 gal fuel system   |
| General Motors<br>Cab Chassis<br>C3500/K3500<br>C3500HD/K3500HD  | 1990-99               | 6.2L/6.5L<br>Diesel    | 080-01-06752                                 | 32.0 gal fuel system   |
| General Motors<br>Cab Chassis<br>C3500/K3500<br>C3500HD/K3500HD  | 1990-99               | 6.2L/6.5L<br>Diesel    | 080-01-08086<br>080-01-06742                 | 38.7 gal fuel system<br>39.0 gal fuel system                         |
| General Motors<br>G Vans<br>G10/20/30                            | 1996-99               | 6.2L<br>Diesel         | 010-01-05335<br>080-01-09585<br>080-01-10766 | 41.0 gal fuel system<br>30.0 gal fuel system<br>29.0 gal fuel system |
| General Motors<br>Class C<br>CG313/CG316                         | 1980-99               | 6.2L<br>Diesel         | 080-01-08240<br>010-01-05543                 | 51.0 gal fuel system<br>42.0 gal fuel system                         |
| General Motors<br>Class A<br>CP311/CP314<br>CP318/CP319<br>CP320 | 1980-99               | 6.2L<br>Diesel         | 010-01-05847<br>010-01-05839                 | 78.0 gal fuel tank<br>90.0 gal fuel tank                             |
| Isuzu NPR/W4<br>GMC Forward                                      | 1990-99               | Isuzu 4BD1-T<br>Diesel | 080-01-06913                                 | 57.0 gal fuel system   |
| Mitsubishi<br>Medium-Duty Truck                                  | 1999                  | 4D34-3AT3A<br>Diesel   | 080-01-10815                                 | 50.0 gal fuel system   |