

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-804

Relating to Certification of New Medium-Duty Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety 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 1999 model-year Ford Motor Company motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) of 8,501 to 14,000 pounds are certified using the Otto-cycle engines listed below:

<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Engine Displacement Liters (Cubic Inches)</u>	<u>Engine Model Year and Certification Executive Order No</u>
Ford	XFMXH06.8TB5	6.8 (417)	1999 A-10-803

Engine models and codes are listed on attachments.

The certification exhaust emission standards for this engine family in grams per brake horsepower-hour are:

<u>Non-Methane Hydrocarbons + Nitrogen Oxides</u>	<u>Carbon Monoxide</u>
3.9	14.4

The certification exhaust emission values for this engine family in grams per brake horsepower-hour are:

<u>Engine Family</u>	<u>Non-Methane Hydrocarbons + Nitrogen Oxides</u>	<u>Carbon Monoxide</u>
XFMXH06.8TB5	0.4	1.9

BE IT FURTHER RESOLVED: That the listed engine models are certified to the optional standards and test procedures applicable to incomplete and diesel medium-duty vehicles of 8,501 to 14,000 pounds GVWR pursuant to Title 13, California Code of Regulations, Section 1956.8(g).

BE IT FURTHER RESOLVED: That the listed engine models shall be subject to the in-use compliance provisions applicable to 1995 and subsequent model-year medium-duty vehicle engines set forth in Title 13, California Code of Regulations, Section 2139(c).

BE IT FURTHER RESOLVED: That the listed engine models comply with the on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1 ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

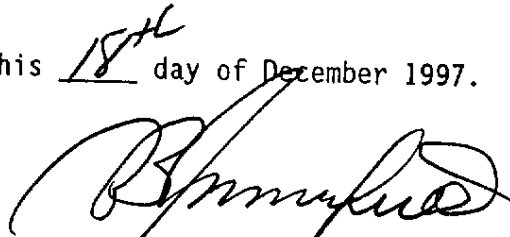
BE IT FURTHER RESOLVED: That the listed vehicle models comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2235) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 18th day of December 1997.



R. B. Summerfield, Chief
Mobile Source Operations Division

Evaporative Emission Family: XFMXE0155BQH Evap Calibration: R00

1999 LIGHT DUTY TRUCK (8501-14,000# GVW)
FUEL TANK AVAILABILITY

MODEL TYPE	LOCATION/VOLUME CODE		
	MID-SHIP	AFT-OF-AXLE	INCR SIZE
Wide Frame Pickups (4X2 & 4X4)			
Long Pickup Box (Includes Pickup Box Deletos)			
F-250 137" Reg Cab		TX	
F-350 137" Reg Cab		TX	
F-250 158" Sup Cab		TX	
F-350 158" Sup Cab		TX	
F-250 172.4" Crew Cab		TX	
F-350 172.4" Crew Cab		TX	
Short Pickup Box (Includes Pickup Box Deletos)			
F-250 141.8" Sup Cab		TZ	
F-350 141.8" Sup Cab		TZ	
F-250 168.2" Crew Cab		TZ	
F-350 168.2" Crew Cab		TZ	
Narrow Frame Chassis Cabs (4X2 & 4X4)			
F-350 140.8" Reg Cab	SZ 3/		SY *
F-350 161.8" Sup Cab	SZ 3/		SY *
F-350 178.2" Crew Cab	SZ 3/		SY *
F-350 184.8" Reg Cab	SZ 3/		SY *

Tank Material: Steel (All Except TX & TZ which are Plastic)
 Liner Configuration: None (All)
 Vapor Control Baffles: None (All)

- * Standard Tank (s)
- 1/ Optional Aft-of-Axle Tank
- 2/ Combination of CE and CA Tanks
- 3/ Optional Mid-Ship Fuel Tank In-Lieu-Of Standard Tank (DRW Only)

1999 LIGHT DUTY TRUCK (8501-14,000# GVW)
FUEL TANK AVAILABILITY

FUEL TANK VOLUME CODE	NOMINAL FUEL TANK CAPACITY (LITERS/GALLONS) <u>9.02.02.02</u>	USEABLE 40% FILL (GALLONS) <u>9.02.02.03</u>	VAPOR VOLUME CUBIC FT @ 40% FILL <u>9.02.02.04</u>
SY	138.3/36.0	14.4	4.4
SZ	69.7/18.4	7.4	2.1
TX	141.6/37.4	15.0	3.6
TZ	112/29.6	11.8	3.0

Engine Family: XH6.8TB5

Issue Date: 11/07/97
Revised: 12/16/97

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