

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-983

Relating to Certification of New Heavy-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 2001 model-year Ford Motor Company motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) greater than 14,000 pounds are certified using 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 Motor Company	1FMXH06.8CH5	6.8 (417)	2001 A-10-982

Engine and vehicle models and codes are listed on attachments.

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

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
1.9	37.1	4.0

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

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.1	2.5	0.4

BE IT FURTHER RESOLVED: That for the listed vehicle 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 manufacturer is certifying the listed vehicle models to the running loss and useful life standards listed in Section E.1.(a) of the "California Evaporative Emission Standards and Test Procedures for 2001 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

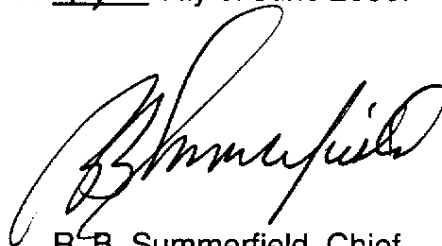
BE IT FURTHER RESOLVED: That the listed vehicle models comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2235).

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 19<sup>th</sup> day of June 2000.



R. B. Summerfield, Chief  
Mobile Source Operations Division

**2001 MODEL YEAR AIR RESOURCES BOARD  
SUPPLEMENTAL DATA SHEET  
HEAVY DUTY ENGINES**

Vehicle Manufacturer: Ford Motor Company

Executive Order No. A-10-983

Evap Family: 1FMXE0155BAJ, 1FMXE0155BAH, 1FMXE0155BBH, 1FMXE0465BAJ

**2001 LIGHT DUTY TRUCK (14,000 GVW +)  
FUEL TANK AVAILABILITY & CAPACITY**

*Exhaust Family* 1FMXH06.8CH5

MODEL TYPE	LOCATION/VOLUME CODE			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>
	MID-SHIP	AFT-OF-AXLE	INCR SIZE				
E-Super Duty Cutaway 158" & 176"			TM*				
<b>Narrow Frame Chassis Cabs (4X2 &amp; 4X4)</b>							
F-450 140.8" Reg Cab	SZ 3/		SW *				
F-450 164.8" Reg Cab	SZ 3/		SW *				
F-450 200.8" Reg Cab	SZ 3/		SW *				
F-450 176.2" Crew Cab	SZ 3/		SW *				
F-550 140.8" Reg Cab	SZ 3/		SW *				
F-550 164.8" Reg Cab	SZ 3/		SW *	SD	140.5/37.1	14.9	4.0
F-550 176.2" Crew Cab	SZ 3/		SW *	SM	283/9/75.0	30.0	9.2
F-550 200.8" Reg Cab	SZ 3/		SW *	SW	136.3/40	14.4	4.4
<b>Narrow Frame Chassis Cabs (4X4 Diesel)</b>							
F-450 140.8" Reg Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-450 164.8" Reg Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-450 176.2" Crew Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-450 200.2" Crew Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-450 188.8" Reg Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-450 200.8" Reg Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-550 140.8" Reg Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-550 164.8" Reg Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-550 188.8" Reg Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-550 176.2" Crew Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-550 200.2" Crew Cab	SZ 3/		SW *	SD 5/			
	SX 4/						
F-550 200.8" Reg Cab	SZ 3/		SW *	SD 5/			
	SX 4/						

F-Super Duty Class A Motor Home Stripped Chassis  
178", 190", 208" and 228" SM\*

Tank Material: Steel  
Liner Configuration: None (All)  
Vapor Control Baffles: None (All)

- \* Standard Tank (\$)
- 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)
- 4/ Optional Dual Mid-Ship Fuel Tank
- 5/ Optional Dual Mid-Ship Fuel Tanks (SZ + SX) In-Lieu-Of Standard Tank

Engine Family: 1FMXH06.8CH5

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Issued: **MAY 16, 2000**  
Revised: