State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-718-A
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That Ford Motor Company 1997 model-year exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: VFM4.2J8G1EK Displacement: 4.2 Liters (255 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Dual Three Way Catalytic Converters (two)
Dual Heated Oxygen Sensors (two)
Exhaust Gas Recirculation
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards (in-use compliance standards in parentheses) for this engine family in grams per mile are:

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
5751-8500	50,000	0.39 (0.49)	5.0 (6.2)	1.1 (1.4)	12.5 (12.5)
	120,000	0.56 (n/a)	7.3 (n/a)	1.53 (n/a)	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
5751-8500	50,000	0.11	1.8	0.4	2.8
	120,000	0.12	3.1	0.74	n/a

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves 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 based on a compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the submitted alternative in-use compliance plan satisfies the requirement that a maximum of 50 percent of the manufacturer's projected sales of 1997 model-year California-certified medium-duty vehicles will be subject to alternative in-use compliance as stipulated in the above-referenced standards and test procedures.

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 also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also 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).

BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty vehicles and Engines").

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 attachment.

Executive Order A-10-718 dated July 16, 1996 is superseded and replaced by Executive Order A-10-718-A.

Executed at El Monte, California this 21st day of October 1996.

R. B. Summerfield, Chief
Mobile Source Operations Division

E.O.# A-10-718-A

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
EXHAUST/EVAPORATIVE SYSTEM & CALIFORNIA REQUIREMENTS
PASSENGER CARS, LIGHT-DUTY AND MEDIUM-DUTY TRUCKS

Mfgr. FORD MOTOR COMPANY Exhaust Engine Family: VFM4.2J8G1EK

Engine Code Types: CA X 49S___ 50S___ Evap Emissions Family: VFM1155AYMGB

Exh Std: Tier-0___ Tier-1 X TLEV___ LEV___ ULEV___ ZEV___ EPA TIER-0___ TIER-1__

Evap Std: 50K___ Useful Life with R/L X In-Use Exh Std: Full In Use_ . Alt In Use X
R/L Test Proc. Point Source
Veh Class(es): PC___ LDT1___ LDT2___ MDV1___ MDV2___ MDV3 X MDV4___ MDV5__
Service Accum: Mod AMA
Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1,MDV1,MDV2,MDV3,MDV4)

Exh Cert Fuel(s): Indo X Ph2___ Diesel: 13 CCR 2282___ or 40CFR 86.113-90___ or -94__
M85___ CNG___ LPG___ Other (specify)
Fuel Type(s): Dedicated___ Flex Fuel___ Dual-Fuel___
Gasoline X Diesel___ M85___ CNG___ LPG___ Other (specify)_____
Hybrid: Type A___ B___ C___, APU Cycle (eg.., Otto, Diesel, Turbine)_____

Engine Config V-6 Displacement: 4.2L(255) Liters (Cubic Inches)
Valves/Cyl: 2 Rated HP: 205 @ 4400 RPM
Engine: Front X Mid___ Rear___ Drive: Fwd___ RWD X 4WD-FT___ 4WD-PT___

Exhaust Control System and Special Features 2TWC(2)/2HO2S(2)/EGR/SFI
(Use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
744TR00A/N	E-150	A			F7UC-MA	F65E-AA	F7UA-JA & F7UA-DA
	RVL		6000	16.5			
	RVL		6000	17.9*			
	CWL		6000	16.5			
	CWL		6000	17.9*			
744UR00A/N	E-250	"			F7UC-NA	"	"
	RVL		6000	15.8			
	RVL		6000	17.2*			
	SVL		6500	15.1			
	SVL		6500	16.5*			
744MR00A/N	E-250	"			F7UC-LA	"	"
	RVL		7000	16.4			
	RVL		7000	17.8*			
	SVL		7000	15.5			
	SVL		7000	16.9*			
	CUTAWAY		7000	26.5			
	CUTAWAY		7000	27.9*			

* WITH AIR CONDITIONING

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1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
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PASSENGER CARS, LIGHT-DUTY AND MEDIUM-DUTY TRUCKS

Mfgr. FORD MOTOR COMPANY Exhaust Engine Family: VFM4.2J8G1EK

Engine Code Types: CA X 49S___ 50S___ Evap Emissions Family: VFM1155AYMGB

Exh Std: Tier-0___ Tier-1 X TLEV___ LEV___ ULEV___ ZEV___ EPA TIER-0___ TIER-1__

Evap Std: 50K___ Useful Life with R/L X In-Use Exh Std: Full In Use _ Alt In Use X

Veh Class(es): PC___ LDT1___ LDT2___ MDV1___ MDV2___ MDV3 X MDV4___ MDV5__

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1,MDV1,MDV2,MDV3,MDV4)

Exh Cert Fuel(s): Indo X Ph2___ Diesel: 13 CCR 2282___ or 40CFR 86.113-90___ or -94__
M85___ CNG___ LPG___ Other (specify)
Fuel Type(s): Dedicated___ Flex Fuel___ Dual-Fuel___
Gasoline X Diesel___ M85___ CNG___ LPG___ Other (specify)_____
Hybrid: Type A___ B___ C___, APU Cycle (eg.., Otto, Diesel, Turbine)_____

Engine Config V-6 Displacement: 4.2L(255) Liters (Cubic Inches)
Valves/Cyl: 2 Rated HP: 205 @ 4400 RPM
Engine: Front X Mid___ Rear___ Drive: Fwd___ RWD X 4WD-FT___ 4WD-PT___

Exhaust Control System and Special Features 2TWC(2)/2HO2S(2)/EGR/SFI
(Use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
744TR06A/N	E-150	A			F7UC-MC	F65E-AA	F7UA-JA & F7UA-DA
	RVL		6000	16.5			
	RVL		6000	17.9*			
	CWL		6000	16.5			
	CWL		6000	17.9*			
744UR06A/N	E-250	"			F7UC-NC	"	"
	RVL		6000	15.8			
	RVL		6000	17.2*			
	SVL		6500	15.1			
	SVL		6500	16.5*			
744MR06A/N	E-250	"			F7UC-LC	"	"
	RVL		7000	16.4			
	RVL		7000	17.8*			
	SVL		7000	15.5			
	SVL		7000	16.9*			
	CUTAWAY		7000	26.5			
	CUTAWAY		7000	27.9*			

* WITH AIR CONDITIONING

E.O.# A-10-718-A

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Mfgr. FORD MOTOR COMPANY Exhaust Engine Family: VFM4.2J8G1EK

Engine Code Types: CA X 49S___ 50S___ Evap Emissions Family: VFM1155AYMGB

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Evap Std: 50K___ Useful Life with R/L X In-Use Exh Std: Full In Use_ Alt In Use X

Veh Class(es): PC___ LDT1___ LDT2___ MDV1___ MDV2___ MDV3 X MDV4___ MDV5__

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1,MDV1,MDV2,MDV3,MDV4)

Exh Cert Fuel(s): Indo X Ph2___ Diesel: 13 CCR 2282___ or 40CFR 86.113-90___ or -94__
M85___ CNG___ LPG___ Other (specify)
Fuel Type(s): Dedicated___ Flex Fuel___ Dual-Fuel___
Gasoline X Diesel___ M85___ CNG___ LPG___ Other (specify)_____
Hybrid: Type A___ B___ C___, APU Cycle (eg.., Otto, Diesel, Turbine)_____

Engine Config V-6 Displacement: 4.2L(255) Liters (Cubic Inches)
Valves/Cyl: 2 Rated HP: 205 @ 4400 RPM
Engine: Front X Mid___ Rear___ Drive: Fwd___ RWD X 4WD-FT___ 4WD-PT___

Exhaust Control System and Special Features TWC, HO2S, EGR, SFI
(Use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
744TR10A/N	E-150	A			F7UC-MD	F65E-AA	F7UA-JA & F7UA-DA
	RVL		6000	16.5			
	RVL		6000	17.9*			
	CWL		6000	16.5			
	CWL		6000	17.9*			
744UR10A/N	E-250	"			F7UC-ND	"	"
	RVL		6000	15.8			
	RVL		6000	17.2*			
	SVL		6000	15.1			
	SVL		6500	16.5*			
744MR10A/N	E-250	"			F7UC-LD	"	"
	RVL		7000	16.4			
	RVL		7000	17.8*			
	SVL		6500	15.5			
	SVL		7000	16.9*			
	CUTAWAY		7000	26.5			
	CUTAWAY		7000	27.9*			

* WITH AIR CONDITIONING