State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-709
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 light-duty trucks:

Fuel Type: Gasoline

Engine Family: VFM4.028G1FK Displacement: 4.0 Liters (244 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converters (two)
Dual Heated Oxygen Sensors
Heated Oxygen Sensor
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 for this engine family in grams per mile are:

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.32	4.4	0.7	12.5
	100,000	0.40	5.5	0.97	n/a

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

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.10	1.6	0.1	5.1
	100,000	0.13	1.9	0.11	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gases (NMOG) exhaust mass emission requirements 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 under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the 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 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").

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.).

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.

Executed at El Monte, California this 27th day of June 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-709

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.028G1FK

Evap Standard: 50K ____ Useful Life with R/L _X_ Evap Family: VFM1120AYMED

Exhaust Std: Tier 0 _ Tier 1 X TLEV _ LEV _ ULEV _ ZEV _ ; EPA Tier 0 ___ Tier 1 ___

Vehicle Class(es): PC _ LDT1 _ LDT2 X MDV1 _ MDV2 _ MDV3 _ 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 _ Ph2 X Diesel: 13 CCR 2282 _ or 40 CFR 86.113-90 _ or -94 _
M85 _ CNG _ LPG _ Other (specify) _____

Fuel Type(s): Dedicated _ Flex-Fuel _ Dual-Fuel _ Gasoline X Diesel _ M85 _
CNG ___ LNG ___ LPG ___ Other (specify) _____

Hybrid: Type A ___ B ___ C ___, APU Cycle (e.g., Otto, Diesel, Turbine) _____

Engine Config: V-6 Liter (CID): 4.0 (244)

Engine: Front X Mid.__ Rear__ Drive: FWD _ RWD X 4WD-FT _ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S/EGR/TWC(2)/2HO2S
(Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
757RR00A/N	Explorer 4X2	M5			F77F-AFA	F37E-CA	F67A-PB
	P225/70R15 Tires						
	2 Door SWB		4250	11.9			
	4 Door LWB		4500	11.9			
	All Other Tires						
	2 Door SWB		4250	12.4			
	4 Door LWB		4500	12.4			
757RR00A/N	Explorer 4X4	M5					
	All Tires						
	2 Door SWB		4500	13.3			
	4 Door LWB		4750	13.3			

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PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.028G1FK

Evap Standard: 50K ___ Useful Life with R/L _X_ Evap Family: VFM1120AYMED

Exhaust Std: Tier 0 _ Tier 1 X TLEV _ LEV _ ULEV _ ZEV _ ; EPA Tier 0 ___ Tier 1 ___

Vehicle Class(es): PC _ LDT1 _ LDT2 X MDV1 _ MDV2 _ MDV3 _ 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 _ Ph2 X Diesel: 13 CCR 2282 _ or 40 CFR 86.113-90 _ or -94 _
M85 _ CNG _ LPG _ Other (specify) _____

Fuel Type(s): Dedicated _ Flex-Fuel _ Dual-Fuel _ Gasoline X Diesel _ M85 _
CNG ___ LNG ___ LPG ___ Other (specify) _____

Hybrid: Type A ___ B ___ C ___, APU Cycle (e.g., Otto, Diesel, Turbine) _____

Engine Config: V-6 Liter (CID): 4.0 (244)

Engine: Front X Mid.__ Rear__ Drive: FWD _ RWD X 4WD-FT _ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S/EGR/TWC(2)/2HO2S
(Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
757RR05A/N	Explorer 4X2	M5			F77F-AFB	F37E-CA	F67A-PB
	P225/70R15 Tires						
	2 Door SWB		4250	11.9			
	4 Door LWB		4500	11.9			
	All Other Tires						
	2 Door SWB		4250	12.4			
	4 Door LWB		4500	12.4			
757RR05A/N	Explorer 4X4	M5					
	All Tires						
	2 Door SWB		4500	13.3			
	4 Door LWB		4750	13.3			
758BR05A/N	Explorer 4X2	A			F77F-AJB	F37E-CA	F67A-PB
	P225/70R15 Tires						
	2 Door SWB		4250	11.9			
	4 Door LWB		4500	11.9			
	All Other Tires						
	2 Door SWB		4250	12.4			
	4 Door LWB		4500	12.4			
758BR05A/N	Explorer 4X4	A					
	All Tires						
	2 Door SWB		4500	13.3			
	4 Door LWB		4750	13.3			

R/C 4.0-104,115

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1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.028G1FK

Evap Standard: 50K ___ Useful Life with R/L X Evap Family: VFM1120AYMED

Exhaust Std: Tier 0 _ Tier 1 X TLEV _ LEV _ ULEV _ ZEV _ ; EPA Tier 0 ___ Tier 1 ___

Vehicle Class(es): PC _ LDT1 _ LDT2 X MDV1 _ MDV2 _ MDV3 _ 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 _ Ph2 X Diesel: 13 CCR 2282 _ or 40 CFR 86.113-90 _ or -94 _
M85 _ CNG _ LPG _ Other (specify) _____

Fuel Type(s): Dedicated _ Flex-Fuel _ Dual-Fuel _ Gasoline X Diesel _ M85 _
CNG ___ LNG ___ LPG ___ Other (specify) _____

Hybrid: Type A ___ B ___ C ___, APU Cycle (e.g., Otto, Diesel, Turbine) _____

Engine Config: V-6 Liter (CID): 4.0 (244)

Engine: Front X Mid.__ Rear__ Drive: FWD _ RWD X 4WD-FT _ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S/EGR/TWC(2)/2HO2S
(Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
757RR10A/N	Explorer 4X2	M5			F77F-AFC	F37E-CA	F67A-PB
	P225/70R16 Tires						
	2 Door SWB		4250	11.9			
	4 Door LWB		4500	11.9			
	All Other Tires						
	2 Door SWB		4250	12.4			
	4 Door LWB		4500	12.4			
757RR10A/N	Explorer 4X4	M5					
	All Tires						
	2 Door SWB		4500	13.3			
	4 Door LWB		4750	13.3			
758BR10A/N	Explorer 4X2	A			F77F-AJC	F37E-CA	F67A-PB
	P225/70R16 Tires						
	2 Door SWB		4250	11.9			
	4 Door LWB		4500	11.9			
	All Other Tires						
	2 Door SWB		4250	12.4			
	4 Door LWB		4500	12.4			
758BR10A/N	Explorer 4X4	A					
	All Tires						
	2 Door SWB		4500	13.3			
	4 Door LWB		4750	13.3			