State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-533
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Ford Motor Company 1993 model-year exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: PFM4.0T5FBC4 Displacement: 4.0 Liters (244 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Exhaust Gas Recirculation
Dual Heated Oxygen Sensors
Three Way Catalytic Converters (Two)
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
0-3750	50,000	0.25	3.4	0.4
	100,000	0.31	4.2	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
0-3750	50,000	0.10	1.7	0.2
	100,000	0.11	2.0	n/a

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

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" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

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" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

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 10th day of August, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Engine Family PFM4.0T5FBC4 (P4.0TBC)

Passenger Car ___ (PC) Light-Duty Truck T-1 (T1/T2) Medium-Duty Vehicle ___ (M1-M5)

Stds Type: Tier 1 (Tier 0/1, AB965, TLEV, LEV, ULEV) Veh Type: _____ (FFV, HEV)

Fuel Type: Gasoline Evap Family HM Engine Conf V-6 Liter (CID) 4.0 (244)

Engine: Front X Mid ___ Rear ___ Drive: FWD ___ RWD X 4WD-FT ___ 4WD-PT ___

Exhaust ECS & Special Features (including Carb, MFI, etc.) EGR/HO2S/TWC(2)/SFI
(Use abbreviations per SAE J1930, May 91)

Engine Code (Cert Std)	Vehicle Models (If Coded see attachment)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	DPA	Ign. System (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
358SR00A/N	Ranger 4x2	A4			F37F-MA	E6AE-BA	F37A-HC
	RC SWB		3500	11.3			
			3500*#	12.4			
	RC LWB		3500#	11.3			
			3625*	12.4			

* With air conditioning
\# Revised per R/C 4.0-101

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Engine Code (Cert Std)	Vehicle Models (If Coded see attachment)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	DPA	Ign. System (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
357SR00A/N	Ranger 4x2	M5			F37F-KA	E6AE-BA	F37A-HC
	RC SWB		3375#	11.3			
			3500*	12.4			
	RC LWB		3500	11.3			
			3500*#	12.4			
	SC SWB@		3750	11.3			
	Ranger 4x4						
	RC SWB@		3750	11.3			

* With air conditioning
\# Revised per R/C 4.0-101
@ Added per R/C 4.0-101

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