State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-512
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 1993 model-year Ford Motor Company exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: PFM3.0T5FNC2 Displacement: 3.0 Liters (181 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three-Way Catalyst
Exhaust Gas Recirculation
Heated Oxygen Sensor
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
3751-5750	50,000	0.50	9.0	1.0

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
3751-5750	50,000	0.31	2.8	0.5

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile non-methane hydrocarbons and carbon monoxide standards based on its projected total sales of 1993 model California-certified passenger cars and light-duty trucks.

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 25th day of March, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-512

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family PFM3.0T5FNC2

Pass Cars___ Lt-Duty Trucks X Med-Duty Vehicles___ Fuel Type Unleaded

Eng. Type V-6 Liter (CID) 3.0L (180.6) Evap. Family 3HC

Emission Control System & Special Features TWC/EGR/HO2S/SFI
(Use abbreviations per SAE J1930 June88)

Engine: Front X Mid.___ Rear___ Drive: FWD X RWD___ 4WD-FT___ 4WD-PT___

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No.	EGR Syst. Part No	Catalyst Part No.
3CVEA00A	VILLAGER 5-P WAGON	L4	4250	10.7@	MECM-C220	AEY77-48	RXXX1 $
	VILLAGER 7-P WAGON	L4	4250	11.1@ 10.4#	""	""	""
	VAN	L4	4000	9.9@	""	""	""
3CVEA00N	VILLAGER 5-P WAGON	L4	4250	9.7@	MECM-C220	AEY77-48	RXXX1 $
	VILLAGER 7-P WAGON	L4	4250	10.1@ 9.4#	""	""	""
	VAN	L4	4000	9.0@	""	""	""

Certification Standards
NMHC: 0.50
CO: 9.0
NOx: 1.0
EVAP: 2.0
Idle HC: 220 *1
100 *2
Idle CO: 1.2 *1
1.0 *2

*1: at 2500 rpm N/L
*2: at idle
@: P205/75R15 GEN tire
#: P215/70R15 GY tire
$: The X's in the part number are variable according to lot number and production date

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	VILLAGER 7-P WAGON	L4	4250	11.1@ 10.4#	""	""	""
	VAN	L4	4000	9.9@	""	""	""
3AVEA00N	VILLAGER 5-P WAGON	L4	4250	9.7@	MECM-C225	AEY77-48	RXXX1 $
	VILLAGER 7-P WAGON	L4	4250	10.1@ 9.4#	""	""	""
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