State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-414 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 1990 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LFM2.2V5FXC5 <u>Displacement</u>: 2.2 Liters (133 Inches³) Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Oxygen Sensor
Three-Way Catalyst
Multipoint Electronic Fuel Injection
Turbocharger
Charge Air Cooler
On-Board Diagnostics (Exempted)

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

The following are the exhaust emission standards for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
(Grams per Mile)	(Grams per Mile)	<u>(Grams per Mile)</u>
0.39	7.0	0.4

The following are the certification exhaust emission values for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
(Grams per Mile)	(Grams per Mile)	(Grams per Mile)
0.17	1.8	0.1

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 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 have been granted an exemption from compliance with the requirements of 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 (California Health and Safety Code Section 43205).

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 day of July, 1989.

E. D. Drachand, Chief Mobile Source Division

1990 <u>AIR RE</u>	SOURCES BOARD S	SUPPLEMEN	ITAL DATA	SHEET	E.O.# <u>A-1</u> ()-414 E	age 1
Manufacture	r FORD MOTOR	COMPANY		Eng.	Family_LFM2.2	V5FXC5	
Pass Cars <u>XX</u>	X Lt-Duty True	ks M	led-Duty	Vehicle	s Gas_X	Diesel_	
Eng. Type_I	<u>-4</u> Liter	(CID) 2.	2 (133)	E	Evap. Family	ОНВ	
Emission Co	ntrol Sys. (Use	SAE Abb	rv.) <u>TWC</u>		EGR. OS. EPFI	OBD TO	<u>, </u>
Engine: Fro	nt <u>XXX</u> Mid F	Rear I	rive: FW	D <u>XXX</u> RW	VD 4WD-FT	4WD-PT_	
Eng. Code/ (Cert Std.)		Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	(ECU/PROM)		Catalyst Part No.
OCTF2MOA	PROBE GT	M-5	3250	6.9	F2F7	F220	F222
OCTF2MON	PROBE GT	M-5	3250	6.3	F2F7	F220	F222
OCTF2AOA	PROBE GT	A-4	3375	6.9	F2F7	F220	F223
OCTF2AON	PROBE GT	A-4	3375	6.3	F2F7	F220	F223
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Ingine Family	L2.2VXC		
Issue Date	JUN 1 4 1989	20.17.02.00-1	
Revised			