State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-415
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: LFM2.2V5FZC9 Displacement: 2.2 Liters (133 Inches^3)
Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Oxygen Sensor
Three-Way Catalyst
Multipoint Electronic Fuel Injection
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 (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.39	7.0	0.4

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

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.15	1.7	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 24th day of July, 1989.

K. D. Drachand, Chief
Mobile Source Division

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Manufacturer FORD MOTOR COMPANY Eng. Family LFM2.2V5FZC9

Pass Cars XXX Lt-Duty Trucks ___ Med-Duty Vehicles ___ Gas X Diesel ___

Eng. Type I-4 Liter (CID) 2.2 (133) Evap. Family OHB

Emission Control Sys. (Use SAE Abbrv.) TWC, EGR, OS, EPFI, OBD

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

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No	Catalyst Part No.
OCF2XMOA	PROBE	M-5	3000	6.7 *2 6.8 *3	F2D1	F203A	F201
OCF2XMON	PROBE	M-5	3000	6.1 *2 6.2 *3	F2D1	F203A	F201
OCF2XAOA	PROBE	A-4	3125	6.7 *2 6.8 *3	F2D2	F203A	F202
OCF2XAON	PROBE	A-4	3125	6.7 *2 6.8 *3	F2D2	F203A	F202

*2; FOR P185/70R14 TIRE
*3; FOR P195/60HR14 TIRE

Engine Family L2.2VZC

Issue Date	JUN 1 4 1989						
Revised							

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