State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-409
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: LFM2.3V5FKC1 Displacement: 2.3 Liters (140 Inches^3)
Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Heated Oxygen Sensor
Three-Way Catalyst
Pulsed Secondary Air
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)
0.14	3.0	0.2

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

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-10-409 Page 1

Manufacturer FORD MOTOR COMPANY Eng. Family LFM2.3V5FKC1

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

Eng. Type I-4 Liter (CID) 2.3L (140.4) Evap. Family 9HME

Emission Control Sys. (Use SAE Abbrv.) TWC, PAIR, HO2S, EGR, MPI, OBD

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

CARLINE	TRANS	ETW	RLHP NAC	RLHP A/C
Tempo/Topaz 2WD	man	2750	6.6	7.3
Goodyear tires	man	2875	"	"
	man	3000	"	"
	auto	2750	"	"
	auto	2875	"	"
	auto	3000	"	"
Tempo/Topaz 2WD	man	2750	6.4	7.0
Michelin tires	man	2875	"	"
	man	3000	"	"
	auto	2750	"	"
	auto	2875	"	"
	auto	3000	"	"
Tempo/Topaz 4WD	auto	3000	8.1	8.9
Goodyear tires	auto	3125	"	"
Tempo/Topaz 4WD	auto	3000	8.2	9.0
Michelin tires	auto	3125	"	"

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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.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No. 12A650	EGR Syst. Part No 9D475	Catalyst Part No. 5E212
026RR00A/N	TEMPO/TOPAZ 2DR	A (2WD)	2875 3000	SEE PG 1	F0TF-XA	E6AE-BA	F03C-BA
	4DR		3000		"	"	"
026TR00A/N	TEMPO/TOPAZ 2DR	A (2WD)	2875 3000		F0TF-ABA	E6AE-BA	F03C-DA
	4DR		3000		"	"	"
	2DR/4DR	A (4WD)	3125				
025QR00A/N	TEMPO/TOPAZ 2DR	M	2875 3000		F0TF-VA	E6AE-BA	F03C-CA
	4DR		3000		"	"	"
025PR00A/N	TEMPO/TOPAZ 2DR	M	2875 3000		F0TF-YA	E6AE-BA	F03C-CA
	4DR		3000		"	"	"