State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-277
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 1985 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
FFM1.6V5HMC2	98	(1.6)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)

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

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	7.0	0.7

The following are the certification emission values for the above engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.32	4.1	0.7

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 Administrative Code, 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 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 regulations (Title 13, California Administrative Code, Section 2036) and Health and Safety Code Section 43204, provided, however, that jurisdiction is hereby reserved to modify these provisions to the extent made necessary by an EPA waiver decision, in order to assure that the listed vehicles comply with the minimum federal requirements applicable in California.

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 2nd day of July, 1984

K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company

Executive Order No. A-10-277

Engine Family FFM1.6V5HMC2

Evaporative Family 5HM

Engine CID (Liters) 98 (1.6)

.BBREVIATIONS

gnition System	Exhaust Emissions Control System	Special Features
:A-Centrifugal Advance	AIP-Air Injection-Pump	CCV-Combustion Chamber Valve
:EC-Electronic Engine Control	AIV-Air Injection-Valve	CFI-Central Fuel Injection
:I-Electronic Ignition	CL-Closed Loop	DID-Diesel Injectin-Direct
:S AC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation	DIP-Diesel Injection Prechamber
'A-Vacuum Advance	EM-Engine Modification	
'R-Vacuum Retard	OC-Oxidation Catalyst System	
	TR-Thermal Reactor	
	TWC-Three Way Catalyst System	

'uel System

:FI, CL, DID, DIP, EFI, MFI	MFI-Mechanical Fuel Injection
ıV-n" turi Carburetor	TC-Turbocharged
'V-V able Venture	

Vehicle Line	Body Type (Cab Style)	Body Code (Wheelbase)
Ford Escort	3-Door	58D
	5-Door	61D
	Wagon	74D

Front Engine/Front Wheel Drive

24/2 /L

E.O. #A-10-277

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars ___ Light-Duty Trucks ___ Medium-Duty Vehicles X Gas ___ Diesel

Manufacturer Ford Motor Co. Page 2

Engine Family FFM1.6V5HMC2 Engine Code 4-27A-R02A/N 4-28A-R00A/N

ECS (Special Features) EGR/AIP/TWC/EFI CID (Liter)-Type 98 (1.6) I-4

Engine Code	Vehicle Models (If Coded see attachment) Dyno Hp)	Trans.	Equiv. Test Weight	Ign. System EEC IV Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Labe Iden Part
4-27A-R02A	ESCT-61D(6.4) 58D(6.4) 74D(6.9)	M5OD	2625	E4GF-12A650-AA	E4EE-9H487-BB	E4EE-9D475-AA	E5AE-9C485-CCL
4-27A-R02N	ESCT-61D(5.8) 58D(5.8) 74D(6.3)		2500 2625				
4-28A-R00A	ESCT-61D(6.4) 58D(6.4) 74D(6.9)	A3	2625 2750				E5AE-9C485-CCM
4-28A-R00N	ESCT-61D(5.8) 58D(5.8) 74D(6.3		2625 2750				

Comments: See page one for abbreviations and evaporative emission family identification.