State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-229
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 1983 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)
DFM2.3V5FDGX	141	(2.3)	Exhaust Gas Recirculation Three-Way Catalyst (Electronic Fuel Injection) (Turbocharger)

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.39	7.0	0.7

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

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.12	2.8	0.6

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 the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 28th day of January, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Co. Executive Order No. A-10-229 Page 1

Engine Family DFM2.3V5FDGX Evaporative Family 3HM-02

Engine CID (Liters) 2.3T

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged

Vehicle Line	Body Type	Body Code
Ford		
Mustang	3-Door	61B-L, GL, GLX, GT
	2-Door	66B-L, GL, GLX
	Convertible	B2L-GLX
Thunderbird	2-Door	63D - Turbo Coupe
Mercury		
Capri	3-Door	61D-L, GS, RS, Black Magic

DRIVE SYSTEM:

Engine Family D2.3VDG

Issue Date	11-29-82									
Revised										

16.03.02-1

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

x Passenger Cars ___ Light Duty Trucks ___ Medium Duty Vehicles x Gas ___ Diesel

Manufacturer Ford Motor Company E.O. #A-10-229

Engine Family DFM2.3V5FDGX CID (Liter) - Type 140 (2.3T)

ECS (Special Features) EGR/EGS/TWC/TC

Engine Code	Vehicle Models (Non-A/C Dyno Hp)	Trans.	Equiv Test Weight	Ign. System Part No.	Fuel System Part No. EFI	EGR Valve Part No.	Label Ident. Part No.
3-05E-R10A*	Must-61B(8.5)	M5403	3250	E3ZF-12A650-AA	E3ZE-9H487-BF	E3CE-9D475-AA	E3AE-9C485 DSE
		M5376	3250				
	Must-66B(8.6)	M5403	3125				
		M5376	3125				
	Must-B2L(8.7)	M5403	3250				
		M5376	3250				
	TBR3-63D(8.1)	M5403	3375				
		M5376	3375				
	CPRI-61D(8.3)	M5403	3250				
		M5376	3250				
3-05E-R10N	Must-61B(8.5)	M5403	3125				
		M5376	3125				
	Must-66B(8.6)	M5403	3125				
		M5376	3125				
	Must-B2L(8.7)	M5403	3250				
		M5376	3250				
	TBR3-63D(8.1)	M5403	3375				
		M5376	3375				
	CPRI-61D(8.3)	M5403	3250				
		M5376	3250				

Comments: See page one for abbreviations and evaporative emission family identification. If two test weights are listed, the lower weight will be used for testing.

*With Air Conditioning

Engine Family D2.3VDG

Issue Date	11/29/82									
Revised										

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