

State of California
AIR RESOURCES BOARD

X

EXECUTIVE ORDER A-10-230
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 Order 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.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DFM3.3V1GXC7	200 (3.3)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst

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:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.39	7.0	0.7

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.20	3.9	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 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 8th day of July, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E. D. Park

Manufacturer Ford Motor Company Executive Order No. A-10-230 Page 1
 Engine Family DFM3.3V1GXC7 Engine (CID) 3.3L
 Evaporative Family 3AM

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

EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection Pump
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 TR-Thermal Reactor
 TWC-Three Way Catalyst

Special Features

CCAV-Combustion Chamber Air Valve
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbo Charged

<u>Vehicle Line</u>	<u>Body Type</u>	<u>Body Code</u>	<u>Nameplate</u>
Fairmont	4DR. Sedan	54B	Fairmont Futura
	2DR. Sedan	36R	Fairmont Futura
	<u>1</u> / 2DR. Sedan	66B	Fairmont Futura
Zephyr	4DR. Sedan	54D	Zephyr, Zephyr GS
	2DR. Sedan	36R	Zephyr, Zephyr GS

1/ Added by R/C 3.3-9

Engine Family D3.3VXC

Issue Date	6-1-82	16.02.02							
Revised	9-3								

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

Manufacturer Ford Motor Company Page 2
 Engine Family DFM3.3V1GXC7 Engine Code 2-12B-R10A
 ECS (Special Features) AIP, EGR, TWC, OC CID (Liters)-Type 3.3L -I6

Engine Code	Vehicle Models (Dyno. Values)	Trans.	Test Weight Class	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part
2-12B-R10A	Fairmont*(10.7) 54B 36R <u>1/66B</u> Zephyr*(10.7) 54D 36R	A3 (C5-015)	3250	E2BE- 12127-CA	E2BE- 9510-CA	E2BE- 9D448-AA	E3AE- 9C485- DFC
	<u>1/</u> Added by	R/C 3.3-9					

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

* With Air Conditioning

Date of Issue -

Engine Family D3.3VXC

Issue Date	6-1-82	16.02.03							
Revised	7-10	9-3-82							

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

Manufacturer Ford Motor Company Page 3

Engine Family DFM3.3V1GXC7 Engine Code 2-12B-R10N

ECS (Special Features) AIP, EGR, TWC, OC CID (Liters)-Type 3.3L -I6

Engine Code	Vehicle Models (Dyno. Values)	Trans.	Test Weight Class	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part
2-12B-R10N	Fairmont (9.7) 54B 36R <u>1</u> /66B Zephyr (9.7) 54D 36R	A3 (C5-015)	3250	E2BE- 12127-CA	E2BE- 9510- BA	E2BE- 9D448-AA	E3AE- 9C485- DFC
<p><u>1</u>/ Added by R/C 3.3-9</p>							

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

* With Air Conditioning.

Date of Issue -

Engine Family D3.3VXC

Issue Date	6-1-82	16.02.04						
Revised	9-3							