

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-232
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.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DFM3.3VIGEC3	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>
0.27	2.4	0.6

BE IT FURTHER RESOLVED: That the listed vehicle 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 3rd day of September, 1982.

K. D. Drachand

K. D. Drachand, Chief
Mobile Source Control Division

E. C. Book

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-232 Page 1

Engine Family DFM3.3V1GEC3 Evaporative Family 3AM

Engine CID (Liters) 200 (3.3)

ABBREVIATIONS

Ignition System

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

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

Fuel System

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

<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> 2 DR. Sedan	66B	Fairmont Futura
Zephyr	4DR. Sedan	54D	Zephyr, Zephyr GS
	2DR. Sedan	36R	Zephyr, Zephyr GS,
LTD	4DR. Sedan	54D	LTD
	4DR. Wagon	74D	LTD, LTD Squire
Marquis	4DR. Sedan	54D	Marquis, Marquis Broughan
	4DR. Wagon	74D	Marquis

1/ Added by R/C 3.3-11

DRIVE SYSTEM: Rear Wheel Drive

Engine Family D3.3VEC

Issue Date	7-29-82	16.02.02							
Revised	9-13								

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company E.O. # A-1D-232

Engine Family DFM3.3V1GEC3 CID (liter) - Type 300 (3.3) I-6

ECS (Special Features) EGR,AIP,TWC,OC

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System (CA,VA Distributor), Part No.	Fuel System 1V Part No.	EGR Valve Part No.	Label Ident. Part No.
2-12B-R10A	Fairmont	A3 (C5-015)		E2BE-12127 -CA	E2BE- 9510-CA	E3AE- 9D448-CA	E3AE- 9C485- DFC
	54B* (10.7)		3250				
	36R* (10.7)		3250				
	<u>1</u> /66B* (10.7)		3250				
2-12B-R10N	Fairmont				E2BE- 9510-BA		
	54B (9.7)		3250				
	36R (9.7)		3125				
	<u>1</u> /66B* (9.7)		3125				
2-12B-R10A	Zephyr				E2BE- 9510-CA		
	54D* (10.7)		3250				
	36R* (10.7)		3250				
2-12B-R10N	Zephyr				E2BE- 9510-BA		
	54D (9.7)		3125				
	36R (9.7)		3125				

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.

1/ Added by R/C 3.3-11

* With Air Conditioning

Date of Issue -
Revisions:

Engine Family D3.3VEC

Issue Date	7-29-82	16.02.03							
Revised	9-13	10-21							

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

Manufacturer Ford Motor Company E.O. #A-10-232

Engine Family DFM3.3V1GEC3 CID (liter) - Type 200(3.3) I-6

ECS (Special Features) EGR,AIP,TWC,OC

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System (CA,VA Distributor) Part No.	Fuel System LV Part No.	EGR Valve Part No.	Label Ident. Part No.
3-12Q-ROOA	LTD 54D*(9.4) 74D*(11.2)	A3 (C5-037)	3375 3500	E3AE- 12127-CA	E3SE- 9510-AA	E3AE- 9D448-DA	E3AE- 9C485- DFZ
3-12Q-ROON	LTD 54D(8.5) 74D(10.2)		3250** 3500		E3SE- 9510-BA		
3-12Q-ROOA	Marquis 54D*(9.4) 74D*(11.2)		3375 3500		E3SE- 9510-AA		
3-12Q-ROON	Marquis 54D(8.5) 74D(10.2)		3375 3500		E3SE- 9510-BA		

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

Date of Issue -

Revisions: ** Revise test weights

Engine Family D3.3VEC

Issue Date	7-29-82	16.02.04						
Revised	12-10							

