

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-197
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Ford Motor Company exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
3.3 GQ	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 certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
3.3 GQ	0.32	2.8	0.7

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 except Motorcycles".

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.

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BE IT FURTHER RESOLVED: That Ford Motor Company has provided to the Executive Officer 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.

Executed at El Monte, California this 17th day of July, 1980.

K. D. Drachand
K. D. Drachand, Chief
Mobile Source Control Division

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Engine Family 3.3 GQ Evaporative Family AM

ABBREVIATIONS Engine CID (Liters) 200 (3.3)

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
 DI-Diesel Injection
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

<u>Vehicle Line</u>	<u>Body Type</u>	<u>Body Code</u>	<u>Nameplate</u>
Mustang	2 DR SED.	66B	Mustang
	2 DR SED.	66H	Mustang Ghia
	3 DR. HB	61R	Mustang, Mustang Cobra
	3 DR HB.	61H	Mustang Ghia
Capri	3 DR HB.	61D	Capri, Capri RS
	3 DR HB.	61H	Capri, G S
Fairmont	2 DR SED.	66B	Fairmont
	4 DR SED.	54B	Fairmont, Fairmont Futura
	2 DR SED.	36R	Fairmont Futura
	S.W.	74B	Fairmont, Fairmont Futura
Zephyr	2 DR SED.	66D	Zephyr, Zephyr GS
	4 DR SED.	54D	Zephyr, Zephyr GS
	2 DR SED.	36R	Zephyr Z-7
	S.W.	74D	Zephyr, Zephyr Villager
Granada	2 DR SED.	66D	Granada L, Granada GL Granada GLX
	4 DR SED.	54D	Granada L, Granada GL Granada GLX
Cougar	2 DR SED.	66D	Cougar, Cougar GS
	4 DR SED.	54D	Cougar, Cougar GS Cougar LS
Thunderbird	2 DR SED.	66D	Thunderbird, Thunderbird Town Landau, Thunderbird Heritage
XR-7	2 DR SED.	66D	Cougar XR-7

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

Manufacturer Ford Motor Company Page 3

Engine Family 3.3 GQ Engine Code -

ECS (Special Features) AIP, EGR, TWC CID (Liters)-Type 200(3.3)-I6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System		Fuel System IV Part No.	EGR Valve Part No.	Label Ident. Part No.
				CA	VA			
1-12B-R00A (W/AC)	Mustang * 66B 66H 61R 61H	A-3	3125			E1BE-9510-AFA or ARA**	E1BE-9D475-AA	DCK DPG ⁺
	Capri * 61D 61H							
1-12B-R00N (W/O AC)	***		3000			E1BE-9510-AKA or ASA**		
	Mustang * 61R *** 61H 66B 66H							

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 7-18-80
 **11-19-80 RC# 3.3-26(add alt carb & trans code)
 ***11-18-80 " " -38(rev ETW)
 +12-3-80 " " -20(delete fuel-vac sep)

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Page 4

Engine Family 3.3 GQ Engine Code -

ECS (Special Features) AIP ,EGR,TWC CID (Liters)-Type 200(3.3)-I6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System CA VA Part No.	Fuel System 1V Part No.	EGR Valve Part No.	Label Ident. Part No.
1-12B-R00A (W/AC)	Fairmont * 74B Zephyr * 74D	A-3	3375	D8BE- 12127-EA	E1BE- 9510-AFA or ARA**	E1BE- 9D475-AA	DCK DPG ⁺
	Fairmont * 36R 54B 66B*** Zephyr * 54D 36D 66B***		3250				
			3125				
1-12-B-R00N (W/O AC)	Zephyr * 36R 54D 66D				E1BE-9510- AKA or ASA**		
	Fairmont * 74B		3250				
	Zephyr * 74D						

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

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Date of Issue -7-18-80

**11-18-80 RC# 3.3-26(add alt carb & trans code)

***11-18-80 " " -38(rev ETW)

+12-3-80 " " -20(delete fuel-vac sep)

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Page 5

Engine Family 3.3 GQ Engine Code -

ECS (Special Features) AIP,EGR,TWC CID (Liters)-Type 200(3.3)-I6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System CA VA Part No.	Fuel System TV Part No.	EGR Valve Part No.	Label Ident. Part No.
1-12B-R00A (W/AC)	Cougar 54D* Granada 54D*	A-3	3250***	D8BE-12127-EA	E1BE-9510-AFA or ARA ⁺	E1BE-9D475-AA	DCK DPG ⁺⁺⁺
	Cougar 66D* Granada 66D*		3250**				
	XR-7* 66D Thunderbird* 66D		3500				
1-12B-R00N (W/O AC)			∅		E1BE-9510-AKA or ASA ⁺		
	Cougar * 66D 54D** Granada * 54D 66D		3250				

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 7-18-80
 **8-29-80 RC# 3.3-18(rev ETW)
 ***9-22-80 " " -23(rev ETW)
 +11-18-80 " " -26(add alt carb & trans code)
 ++11-18-80 " " -38(rev ETW)
 +++12-3-80 " " -20(delete fuel-vac sep)
 ∅2-18-81 " " -42(rev ETW & tires)