

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-185
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 1980 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
2.3 BGC	140	Exhaust Gas Recirculation Air Injection, Oxidation Catalyst (Turbocharged)

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 1980 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>
2.3 BGC	0.19	4.7	0.8

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.

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 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 and attachment.

Executed at El Monte, California this 20th day of November, 1979.


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

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD Executive Order No. A-10-185 Page 1
 Engine Family 2.3 BGC Engine (CID) 140

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

AI-Air Injection
 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

Fuel System

EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

<u>Vehicle Line</u>	<u>Body Type</u>	<u>Body Code</u>	<u>Nameplate</u>
Mustang	2DR Sedan	66B	Mustang
	3DR Sedan	61R	Mustang
	2DR Sedan	66H	Mustang Ghia
	3DR Sedan	61H	Mustang Ghia/Mustang Cobra
Capri	3DR Sedan	61D	Capri/Capri RS/Capri Turbo RS
	3DR Sedan	61H	Capri Ghia
Fairmont	2DR Sedan	66B	Fairmont/ Fairmont Ghia
	2DR Sedan	36R	Fairmont Futura/Fairmont Futura Ghia
	4DR Sedan	54B	Fairmont/Fairmont Ghia/Futura
Zephyr	2DR Sedan	66D	Zephyr/Zephyr Ghia
	2DR Sedan	36R	Zephyr Z-7/Zephyr Z-7 Ghia
	4DR Sedan	54D	Zephyr/Zephyr Ghia

Evaporative Family: B
 Revised:1-31-80

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-185

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

Manufacturer Ford Motor Company

Page 2a

Engine Family 2.3 EGC

CID-Type 140 - I4

Engine Code 0-2S-R00A *

ECS (Special Features) EGR,AI,OC, (TC)

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
	Mustang 66B 66H 61H 61R Capri 61D 61H	M-4	3125 (3000)	Ford EOZE- 12127-GA	Holley EOZE- 9510-AZA	EOZE- 9D448-EA	BLB ATA**

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, equipment and inertia weight class.

*Engine Code Letter Suffix (air Condition): A-A/c, N-Non A/C, B-Both A/C & Non A/C

Date of Issue - 11-20-79

**3-27-80 RC# 2.3-48#1(add grn eng id spd)

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-185

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

Manufacturer Ford Motor Company

Page 3a

Engine Family 2.3 BGC

CID-Type 140-I4

Engine Code 0-01S-R00A *

ECS (Special Features) EGR,AI, OC,(TC)

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
	Fairmont 66B 54B 36R	A-3	3125 3250	Ford EOZE-12127-HA	Holley EOZE-9510-ATA	EOZE-9D475-DA	BTD
	Zephyr 66D 54D 36R						
	Mustang 66H 61H 66B 61R		3125				
	Capri 61D 61H		3250				
			(3000)				

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, equipment and inertia weight class.

*Engine Code Letter Suffix (air Condition): A-A/c, N-Non A/C, B-Both A/C & Non A/C

Date of Issue -

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-185

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

Manufacturer Ford Motor Company

Page 4a

Engine Family 2.3 BGC

CID-Type 140-I4

Engine Code 0-01S-R11A*

ECS (Special Features) EGR,AI, OC,(TC)

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
	Fairmont 66B 54B 36R	A-3	3125 3250	Ford EOZE-12127-HA	Holley EOZE-9510-ATB	EOZE-9D475-DA	BYC
	Zephyr 66D 54D 36R						
	Mustang 66H 61H 66B 61R		3125				
	Capri 61D 61H		3250				
			(3000)				

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, equipment and inertia weight class.

Engine Code Letter Suffix (air Condition): A-A/c, N-Non A/C, B-Both A/C & Non A/C

Date of Issue -R/C 2.3-47 120779

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-185

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

Manufacturer Ford Motor Company

Page 6a

Engine Family 2.3 BGC

CID-Type 140-I4

Engine Code 0-01S-R10A*

ECS (Special Features) EGR, AI, OC, (TC)

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
	Fairmont 66B 54B 36R	A-3	3125 3250	Ford EOZE-12127-HA	Holley EOZE-9510-ATA	EOZE-9D475-DA	BTD
	Zephyr 66D 54D 36R						
	Mustang 66H 61H 66B 61R		3125				
	Capri 61D 61H		3250				
			(3000)				

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, equipment and inertia weight class.

Engine Code Letter Suffix (air Condition): A-A/c, N-Non A/C, B-Both A/C & Non A/C

Date of Issue - 2-5-80 RC# 2.3-32(add ck vlv&res, sol vlv)

