

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-208
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>
4.2/5.0 AAC	255/302 (4.2/5.0)	Air Injection Exhaust Gas Recirculation Three Way Catalyst with Closed Loop

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>
4.2/5.0 AAC	0.30	2.6	0.6

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.

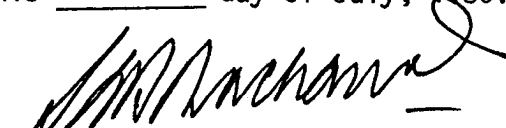
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 30th day of July, 1980.


K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-208 Page 1

Engine Family 4.2/5.0 AAC Evaporative Family EQ

ABBREVIATIONS Engine CID (Liters) 255/302 (4.2/5.0)

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 Models</u>	<u>Body Type</u>	<u>Code</u>
Mustang	2 Dr Sedan	66B
Mustang Ghia	2 Dr Sedan	66H
Mustang, Mustang Cobra	3 Dr Hatchback	61R
Mustang Ghia	3 Dr Hatchback	61H
Capri, Capri RS	3 Dr Hatchback	61D
Capri GS	3 Dr Hatchback	61H
Fairmont	2 Dr Sedan	66B
Fairmont Futura	2 Dr Sedan	36R
Fairmont, Fairmont Futura	4 Dr Sedan	54B
Fairmont, Fairmont Futura	Station Wagon	74B
Zephyr, Zephyr GS	2 Dr Sedan	66D
Zephyr Z-7	2 Dr Sedan	36R
Zephyr, Zephyr GS	4 Dr Sedan	54D
Zephyr, Zephyr Villager	Station Wagon	74D
Granada L, GL, GLX	2 Dr Sedan	66D
Granada L, GL, GLX	4 Dr Sedan	54D
Cougar, Cougar GS	2 Dr Sedan	66D
Cougar, Cougar GS, LS	4 Dr Sedan	54D
Thunderbird, Thunderbird Town Landau, Thunderbird Heritage	2 Dr Sedan	66D
Cougar XR-7	2 Dr Sedan	66D

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Page 2

Engine Family 4.2/5.0 AAC Engine Code -

ECS (Special Features) AIP, EGR, TWC w/CL CID (Liter)-Type 255 (4.2) - V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Part No.	Fuel System VV Part No.	EGR Valve Part No.	Label Ident. Part No.
1-18N-ROON** (w/o AC)	Mustang* 61H+	A-3	3125	E1BE-12127-BA	E1DE-9510-AA	E1AE-9D448-AA	DFT
	61R						
	66B						
	66H						
Capri* 61D	++						
Fairmont* 36R	54B	3250					
	66B						
	Zephyr* 36R						
1-18N-ROOA** (w/AC)	61H	A-3	3250	E1BE-12127-BA	E1DE-9510-AA	E1AE-9D448-AA	DFT
	61R						
	66B						
	66H						
	Capri* 61D						
Zephyr* 36R	54D	3375					
	66B						
	Fairmont* 36R						
1-18R-ROON** (w/o AC)	74B	A-3	3500, 3375	E1BE-12127-BA	E1DE-9510-AA	E1AE-9D448-SA	DFT
	Zephyr* 74D						
1-18R-ROOA** (w/AC)	Fairmont* 74B	A-3	3500	E1BE-12127-BA	E1DE-9510-AA	E1AE-9D448-SA	DFT

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. If two test weights are listed, the lower weight will be used for testing.

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

Date of Issue - 7-25-80

**9-10-80 RC #4.2/5.0-312 (rev coding & ETW)

+10-30-80 RC #4.2/5.0-315 (rev ETW)

++12-16-80 " " -326 (rev ETW)

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

Page 2a

Engine Family 4.2/5.0 AAC

Engine

Code -

ECS (Special Features) AIP, EGR, TWC w/CL

CID (Liter)-

Type 255 (4.2) - V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Part No.	Fuel System VV Part No.	EGR Valve Part No.	Label Ident. Part No.
1-18R-ROON (w/o AC)	Granada* 66D	A-3	3375	E1BE-12127- BA	E1DE-9510- AA	E1AE-9D448- AA	DFT
	54D		3500,				
Cougar* 66D	54D		3375				
	54D		3500*				
1-18R-ROOA (w/AC)	66D	A-3	**	E1BE-12127- DA	E1AE-9510 KA	E1SE-9D448- GA	DFF
	Granada* 54D		3750, 3625				
	66D						
	XR7* 66D						
Thunderbird* 66D	A-4	3750, 3625					
XR7* 66D			3750				
1-18R-ROON (w/o AC)	Thunderbird* 66D	A-4	3750, 3625	E1BE-12127- DA	E1AE-9510 KA	E1SE-9D448- GA	DFF
1-18T-ROON (w/o AC)	Thunderbird* 66D						
1-18T-ROOA (w/AC)	XR7* 66D						

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. If two test weights are listed, the lower weight will be used for testing.

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

Date of Issue - 9-10-80 RC #4.2/5.0 - 312 (rev coding & ETW)

**8-18-80 RC #4.2/5.0 - 310 (rev ETW)

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

Page 3

Engine Family 4.2/5.0 AAC

Engine Code -

ECS (Special Features) AIP, EGR, TWC w/CL

CID (Liter)-
Type

302 (5.0) - V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Distributor Part No.	Fuel System VV Part No.	EGR Valve Part No.	Label Ident. Part No.
1-20T-ROOA** (w/AC) -R11A***	Thunderbird* 66D XR7* 66D	A-4	3750	E1SE-12127- DA	E1SE-9510- EA	E1SE-9D448- LA	DFX
1-20T-ROON** (w/o AC) -R11N***			3625**				DYK
							DFX
							DYK

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. If two test weights are listed, the lower weight will be used for testing.

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

Date of Issue - 7-25-80

**9-10-80 RC# 4.2/5.0-312(rev coding & ETW)

***2-11-81 " " "-331(add dist VDV & ret tim)