

*EO. Board*  
*UNDERSIGNED* X

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-211  
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 1982 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>
CFM2.3V2HAC4	140 (2.3)	Air Injection-Pump Exhaust Gas Recirculation Three Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and closed loop 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 1982 model-year vehicles:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	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>
0.35	5.7	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".

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 in El Monte, California this 23<sup>rd</sup> day of July, 1981.

  
K. D. Drachand, Chief  
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-211 Page 1  
 Engine Family CFM2.3V2HAC4 Evaporative Family 2BM  
 Engine CID (Liters) 140 (2.3)

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 Model</u>	<u>Body Type</u>	<u>Body Code</u>
Mustang L, GL, GLX	2-door	66B
	2-door	66H
Mustang L, GL, GLX, GT, SS L, GL, GLX, SS	3-door	61B
	3-door	61H
Capri GS, RS, L, Capri GS, RS, Capri	3-door	61D
	3-door	61H
Fairmont Futura	2-door	66B
	2-door	36R
	4-door	54B
Zephyr Z-7 GS	2-door	36R
	4-door	54D
Granada L, GL, GLX	2-door	66D
	4-door	54D
Cougar GS, LS	2-door	66D
	4-door	54D

DRIVE SYSTEM: Rear Wheel Drive

Revised: 9-10-81

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company E.O. #A-10-211

Engine Family CFM2.3V2HAC4 CID (liter) - Type 140 (2.3) - I4

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

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.	
2-05N-R00N (w/o AC)	Mustang* 66B	M-4	3000	E0EE-12127-DA	E2ZE-9510-APA or ARA	E1ZE-9D448-DA	ASR ARP***	
	66H							
	61B							
	61H							
	Capri* 61D							
	61H							
	Fairmont* 66B							**
	36R							***
	54B							***
	Zephyr* 54D							***
36R	**							
Granada* 66D								
54D								
Cougar* 66D								
54D								
2-05N-R00A (w/AC)	Capri* 61D							
	61H							
	Fairmont* 66B							
	54B							
	36R							
	Zephyr* 54D							
	36R							
	Granada* 66D							
54D								
Cougar* 66D								
54D								
Mustang* 66B								
66H								
61B								
61H			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 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 - 7-22-81  
 Revisions: \*\*9-18-81 RC# 2.3-13 (rev ETW)  
 \*\*\*5-27-82 " " -24 (rev ETW)

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company E.O. #A -10-211

Engine Family CFM2.3V2HAC4 CID (liter) - Type 140 (2.3)-I4

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

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.			
2-05P-R00N (w/o AC)	Capri* 61D 61H	M-5	3000	E0EE-12127-DA	E2ZE-9510-VA or VA	E12E-9D448-DA	AKK			
	Mustang* 66B 66H 61 61H									
2-05P-R00A (w/AC)	66B 61B 66H 61H		3125						E2ZE-9510-VA	
	Capri* 61D 61H									

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 - 7-22-81

Revisions:

## 1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company E.O. #A 10-211

Engine Family CFM2.3V2HAC4 CID (liter) - Type 140 (2.3)-I4

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

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.	
2-06N-ROON (w/o AC) -R11N**	Mustang* 66B	A-3	3000	EOEE-12127-BA	E2ZE-9510-ADA or ACA	E2ZE-9D448-GA	AER AZU**	
	66H							
	61B							
	61H							
	Capri* 61D							
	61H							
	Fairmont* 66B							***
	54B							3125
	36R							
	Zephyr* 54D							
36R								
Granada* 66D								
54D								
Cougar* 66D								
54D								
66D	3250+							
54D								
2-06N-ROOA (w/AC)	Capri* 61D	A-3	3000	EOEE-12127-BA	E2ZE-9510-ADA or ACA	E2ZE-9D448-GA	AER AZU**	
	61H							
	Fairmont* 66B							
	54B							
	36R							
	Zephyr* 54D							
	36R							
	Granada* 66D							
	54D							
	Mustang* 61B							3125
	66H							
	61H							
	66B	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 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 - 7-22-81

Revisions: \*\* 11/27/81 RC #2.3-11 (-2° ign tim)  
\*\*\* 12-23-81 " " -20 (rev ETW)  
+ 2-1-82 RC #2.3-22 (rev ETW)