E.O. Book

UNDER TEST

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.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
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:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	7.0	0.7

The following are the certification emission values for this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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 23rd 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

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

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1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars __ Light-Duty Trucks __ Medium-Duty Vehicles X 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-ROON (w/o AC)	Mustang*	66B	M-4	3000	EOEE-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-ROOA (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

X Passenger Cars __ Light-Duty Trucks __ Medium-Duty Vehicles X 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				E2ZE-9510-VA		
		61B 66H 61H		3125				
	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

X Passenger Cars __ Light-Duty Trucks __ Medium-Duty Vehicles X 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 66H 61B 61H	A-3	3000	EOEE-12127-BA	E2ZE-9510-ADA or ACA	E2ZE-9D448-GA	AER AZU**
	Capri* 61D 61H						
	Fairmont* 66B		***				
	54B 36R		3125				
	Zephyr* 54D 36R						
	Granada* 66D 54D						
	Cougar* 66D 54D						
2-06N-ROOA (w/AC)	66D 54D						
	Capri* 61D 61H						
	Fairmont* 66B 54B 36R						
	Zephyr* 54D 36R						
	Granada* 66D 54D		3250+				
	Mustang* 61B 66H 61H		3125				
	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)