

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-213
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> |
|----------------------|---|---|
| CFM3.3V1GXC6 | 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 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> |
|--|---|---|
| 0.39 | 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> |
|--|---|---|
| 0.34 | 5.6 | 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.

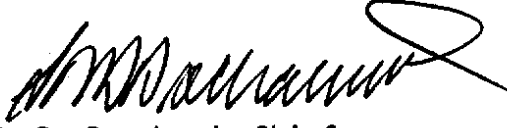
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 5th day of June, 1981.


K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-213 Page 1
 Engine Family CFM3.3V1GXC6 Evaporative Family 2AM
 Engine CID (Liters) 200 (3.3)

ABBREVIATIONS

| | | |
|---------------------------------------|---|---------------------------------|
| <u>Ignition System</u> | <u>Exhaust Emissions Control System</u> | <u>Special Features</u> |
| CA-Centrifugal Advance | AIP-Air Injection-Pump | CCV-Combustion Chamber Valve |
| EEC-Electronic Engine Control | AIV-Air Injection-Valve | CFI-Central Fuel Injection |
| EI-Electronic Ignition | CL-Closed Loop | DID-Diesel Injection-Direct |
| ESAC-Electronic Spark Advance Control | EGR-Exhaust Gas Recirculation | DIP-Diesel Injection-Prechamber |
| VA-Vacuum Advance | EM-Engine Modification | MFI-Mechanical Fuel Injection |
| VR-Vacuum Retard | OC-Oxidation Catalyst System | TC-Turbocharged |
| | TR-Thermal Reactor | |
| | TWC-Three Way Catalyst System | |

Fuel System
 CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

| <u>Vehicle Model</u> | <u>Body Type</u> | <u>Code</u> |
|--|------------------|-------------|
| Mustang L, GL, GLX | 2-door | 66B - 3125 |
| | 2-door | 66H |
| Mustang L, GL, GLX, SS, GT | 3-door | 61B |
| L, GL, GLX, SS | 3-door | 61H |
| Fairmont Futura | 2-door | 66B |
| | 4-door | 54B |
| | 2-door | 36R |
| Granada L, GL or GLX | 2-door | 66D |
| | 4-door | 54D |
| Granada L, GL, GLX or Squire | 4-door | 74D |
| Thunderbird, Thunderbird Town Landau, Thunderbird Heritage | 2-door | 66D |
| Capri GS or RS, Capri | 3-door | 61D |
| | 3-door | 61H |
| Zephyr GS | 4-door | 54D |
| Zephyr Z-7 | 2-door | 36R |
| Cougar GS, LS | 2-door | 66D |
| | 4-door | 54D |
| Cougar GS, Cougar Villager | 4-door | 74D |
| XR-7 | 2-door | 66D |

DRIVE SYSTEM: Rear Wheel

Revised: 9-11-81

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company E.O. #A-10-213

Engine Family CFM3.3V1GXC6 CID (liter) - Type 200 (3.3) - I6

ECS (Special Features) AIP, EGR, TWC

| Engine Code | Vehicle Models (If Coded see attachment) | Trans. | Equiv. Test Weight | Ign. System CA, VA, EI Distributor Part No. | Fuel System TV Part No. | EGR Valve Part No. | Label Ident. Part No. |
|---|---|--------|--------------------|--|-------------------------------|-----------------------|--------------------------|
| 2-12B-ROON (w/o AC) -R10N** -R14N+ | Mustang* 66B 66H 61B 61H | A-3 | 3125 | E2BE-12127- CA | E2BE-9510- CA or BA | E2BE-9D448- AA | AFR |
| | Capri* 61D 61H | | | | | | |
| | Fairmont* 66B 54B 36R | | | | | | |
| | Zephyr* 54D 36R | | | | | | |
| 2-12B-ROOA (w/AC) -R10A** -R14A+ | Fairmont* 66B 54B 36R | 3250 | 3250, 3125*** | | | E2ZE-9D448- EA+ | BJK+ |
| | Capri* 61D 61H | | | | | | |
| | Mustang* 61B 61H 66H | | | | | | |
| | 66B | | | | | | |

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 - 6-5-81

Revisions: **6-5-81 RC #3.3-2 (add VCV & VRV)

***9-18-81 " " -25(rev ETW)

+4-30-82 " " -6(rev EGR, AI, id spd)

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

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|--|---|--------|--------------------|--|-------------------------------|-----------------------|--------------------------|
| 2-12B-ROON (w/o AC) -R10N** -R14N¢¢ | Granada* 66D | A-3 | 3375, 3250 | E2BE-12127- CA | E2BE-9510- CA or BA | E2BE-9D448- AA | AFR |
| | 54D | | 3375 | | | | |
| | 74D | | ¢ | | | | |
| | Cougar* 74D | | 3375, 3250 | | | | |
| | 54D | | | | | | |
| | 66D | | | | | | |
| | Thunderbird* 66D XR7* 66D | | 3500 | | | | |
| 2-12B-ROOA (w/AC) -R10A** -R14A¢¢ | Cougar* 74D | | 3375 | | | | |
| | 66D | | | | | | |
| | 54D | | | | | | |
| | Granada* 66D | | 3500 | | | | |
| | 54D | | | | | | |
| | 74D | | | | | | |
| 1-12B- *** ROOA/N | Thunderbird* XR-7* | | | | | | AFR |

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

Date of Issue - 6-5-81

Revisions: **6-5-81 RC #3.3-2 (add VCV & VCR)

***9-11-81 " " -21 (add 1981 calib & trans)

¢11-20-81 " " -28 (rev ETW)

¢¢4-30-82 " " -6 (rev EGR, AI, id spd)