

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-292
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1985 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> |
|----------------------|---|---|
| FFM1.9V2GDC5 | 113 (1.9) | Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst |

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

| <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|--|---|---|
| 0.39 | 7.0 | 0.7 |

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

| <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|--|---|---|
| 0.30 | 6.3 | 0.6 |

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036) and Health and Safety Code Section 43204, provided, however, that jurisdiction is hereby reserved to modify these provisions to the extent made necessary by an EPA waiver decision, in order to assure that the listed vehicles comply with the minimum federal requirements applicable in California.

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 28th day of February, 1985.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer Ford Motor Company Executive Order No. A-10-292
 Engine Family FFM1.9V2GDC5 Evaporative Family 6CM
 Engine CID (Liters) 113 (1.9)

ABBREVIATIONS

| <u>Ignition System</u> | <u>Exhaust Emissions Control System</u> | <u>Special Feature</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 | EFI-Electronic Fuel Injection |
| VR-Vacuum Retard | OC-Oxidation Catalyst System | MFI-Mechanical Fuel Injection |
| | TR-Thermal Reactor | TC-Turbocharger |
| | TWC-Three-Way Catalyst System | |

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

VEHICLE MODELS:

| <u>Vehicle Line</u> | <u>Body Type (Cab Style)</u> | <u>Body Code (Wheelbase)</u> |
|---------------------|------------------------------|------------------------------|
| Ford Escort | 3-Door | 61D |
| | 5-Door | 58D |
| | Station Wagon | 74D |
| Mercury Lynx | 3-Door | 61D |
| | 5-Door | 58D |
| | Station Wagon | 74D |

DRIVE SYSTEM: Front Engine/ Front -Wheel Drive

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-292

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

Manufacturer Ford Motor Company

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Engine Family FFM1.9V2GDC5

Engine Code 6-07A-R10A/N

ECS (Special Features) EGR/AIR/TWC

CID (Liter)-Type 113 (1.9) I4

| Engine Code | Vehicle Models (If Coded see attachment) (Mod-A/C Dyno Rp) | Trans. MTX321 MTX323 | Equip. Test Weight | Ign. System CA/VA Part No. | Fuel System 2V Part No. | EGR Valve Part No. | Label Ident. Part No. |
|-------------|--|----------------------------|--------------------|----------------------------------|-------------------------------|-----------------------|--------------------------|
| 6-07A-R10A | Esct 61D (6.4) Esct 58D (6.4) Esct-74D (6.9) Lynx-61D (6.4) Lynx-58D (6.4) Lynx-74D (6.9) | M4 | 2500 2625 | E5EE-12127-DB | E5GE-9150-AAA | E5GE-9D475-GA | E5AE-9C48 CSK |
| 6-07A-R10N | Esct-61D (5.8) Esct-58D (5.8) Esct-74D (6.3) Lynx-61D (5.8) Lynx-58D (5.8) Lynx-74D (6.3) | | | | | | |

Comments: See page one for abbreviations and evaporative emission family identification.

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-292

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

Manufacturer Ford Motor Company

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Engine Family FFM1.9V2GDC5

Engine Code 6-07S-R10A/N

ECS (Special Features) EGR/AIR/TWC

CID (Liter)-Type 113 (1.9) I4

| Engine Code | Vehicle Models (If Coded see attachment) (Non-A/C Dyno Rp) | Trans. MTX321 MTX323 MTX360 | Equip. Test Weight | Ign. System CA/VA Part No. | Fuel System 2V Part No. | EGR Valve Part No. | Label Ident. Part N |
|--------------------------|--|--------------------------------------|--------------------|----------------------------------|-------------------------------|-----------------------|------------------------|
| 6-07S-R10A (with A/C) | Esct 61D (6.4) Esct 58D (6.4) Esct-74D (6.9) Lynx-61D (6.4) Lynx-58D (6.4) Lynx-74D (6.9) | M4, M4, M5 | 2500 2625 | E5EE-12127-DE | E5GE-9510-ACA | E5EE-9D475- GA | E5AE-9C485 CPG |
| 6-07S-R10N (non-A/C) | Esct-61D (5.8) Esct-58D (5.8) Esct-74D (6.3) Lynx-61D (5.8) Lynx-58D (5.8) Lynx-74D (6.3) | | | | | | |

Comments: See page one for abbreviations and evaporative emission family identification.

E.O. #A -10-292

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

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Engine Family FFM1.9V2GDC5

Engine Code

6-08S-R20A/N

ECS (Special Features) EGR/AIR/TWC

CID (Liter)-
Type

113 (1.9) I4

| Engine Code | Vehicle Models (If Coded see attachment) A/C Dyno Hp) | Trans. (AT036) | Equiv. Test Weight | Ign. System CA/VA Part No. | Fuel System 2V Part No. | EGR Valve Part No. | Label Ident. Part No. |
|--------------------------|---|-------------------|--------------------------|----------------------------------|-------------------------------|-----------------------|-----------------------------|
| 6-08S-R20A (with A/C) | Esct 61D (6.4) | A3 | 2500 2625 | E5EE-12127-CB | E5GE-9510-AFA | D5EE-9D475- GA | E5AE-9C485 CUR |
| | Esct 58D (6.4) | | | | | | |
| | Esct-74D (6.9) | | | | | | |
| | Lynx-61D (6.4) | | | | | | |
| | Lynx-58D (6.4) | | | | | | |
| | Lynx-74D (6.9) | | | | | | |
| 6-08S-R20N (non A/C) | Esct-61D (5.8) | | | | | | |
| | Esct-58D (5.8) | | | | | | |
| | Esct-74D (6.3) | | | | | | |
| | Lynx-61D (5.8) | | | | | | |
| | Lynx-58D (5.8) | | | | | | |
| | Lynx-74D (6.3) | | | | | | |

Comments: See page one for abbreviations and evaporative emission family identification.

R/E 1.9-28 052485

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

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Engine Family FFM1.9V2GDC5

Engine

Code

6-08S-R16A/N

ECS (Special Features) EGR/AIR/TWC

CID (Liter)-

Type

113 (1.9) I4

| Engine Code | Vehicle Models (If Coded see attachment) (Non-A/C Dyno Rp) | Trans. (AT036) | Equip. Test Weight | Ign. System CA/VA Part No. | Fuel System 2V Part No. | EGR Valve Part No. | Label Ident. Part No. |
|--------------------------|--|-------------------|--------------------------|----------------------------------|-------------------------------|-----------------------|-----------------------------|
| 6-08S-R16A (with A/C) | Esct 61D (6.4) Esct 58D (6.4) Esct-74D (6.9) Lynx-61D (6.4) Lynx-58D (6.4) Lynx-74D (6.9) | A3 | 2500 2625 | E5EE-12127-CB | E5GE-9510-AFA | D5EE-9D475- GA | E5AE-9C485 CSN |
| 6-08S-R16N (non-A/C) | Esct-61D (5.8) Esct-58D (5.8) Esct-74D (6.3) Lynx-61D (5.8) Lynx-58D (5.8) Lynx-74D (6.3) | | | | | | |

Comments: See page one for abbreviations and evaporative emission family identification.

R/c 1.9-22 030885

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-292

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

Manufacturer Ford Motor Company

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Engine Family FFM1.9V2GDC5

Engine Code 6-07S-R12A/N

ECS (Special Features) EGR/AIR/TWC

CID (Liter)-Type 113 (1.9) I4

| Engine Code | Vehicle Models (If Coded see attachment) (Non-A/C Dyno Rp) | Trans. MTX321 MTX323 MTX360 | Equip. Test Weight | Ign. System CA/VA Part No. | Fuel System 2V Part No. | EGR Valve Part No. | Label Ident. Part No. |
|--------------------------|--|--------------------------------------|--------------------|----------------------------------|-------------------------------|-----------------------|--------------------------|
| 6-07S-R12A (with A/C) | Esct 61D (6.4) Esct 58D (6.4) Esct-74D (6.9) Lynx-61D (6.4) Lynx-58D (6.4) Lynx-74D (6.9) | M4, M4, M5 | 2500 2625 | E5EE-12127-DB | E5GE-9510-ACA | E5EE-9D475- GA | E5AE-9C485- CSU |
| 6-07S-R12N (non-A/C) | Esct-61D (5.8) Esct-58D (5.8) Esct-74D (6.3) Lynx-61D (5.8) Lynx-58D (5.8) Lynx-74D (6.3) | | | | | | |

Comments: See page one for abbreviations and evaporative emission family identification.

RIC 1.9-15 030885

E.O. #A -10-292

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

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Engine Family FFM1.9V2GDC5

Engine Code 6-08S-R21A/N

ECS (Special Features) EGR/AIR/TWC

CID (Liter)-Type 113 (1.9) I4

| Engine Code | Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp) | Trans. (AT036) | Equiv. Test Weight | Ign. System CA/VA Part No. | Fuel System 2V Part No. | EGR Valve Part No. | Label Ident. Part No. |
|--------------------------|--|-------------------|--------------------------|----------------------------------|-------------------------------|-----------------------|-----------------------------|
| 6-08S-R21A (with A/C) | Esct 61D (6.4) Esct 58D (6.4) Esct-74D (6.9) Lynx-61D (6.4) Lynx-58D (6.4) Lynx-74D (6.9) | A3 | 2500 2625 | E5EE-12127-CB | E5GE-9510-AFC | D5EE-9D475- GA | E5AE-9C48 AGR |
| 6-08S-R21N (non-A/C) | Esct-61D (5.8) Esct-58D (5.8) Esct-74D (6.3) Lynx-61D (5.8) Lynx-58D (5.8) Lynx-74D (6.3) | | | | | | |

Comments: See page one for abbreviations and evaporative emission family identification.

R/C 19-32 7/19/85