

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-74
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Ford Motor Company exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 250 "A" (1CV1) California
Engine: 250 CID
Transmission: 3-Speed Automatic
Exhaust Emissions Control Systems: Air Injection, Exhaust Gas Recirculation,
Oxidation Catalyst

Models: Comet

Comet 2 Door Sedan
Comet 4 Door Sedan

Granada

Granada 2 Door Sedan
Granada Ghia 2 Door Sedan
Granada 4 Door Sedan
Granada Ghia 4 Door Sedan

Maverick

Maverick 2 Door Sedan
Maverick 4 Door Sedan

Monarch

Monarch 2 Door Sedan
Monarch Ghia 2 Door Sedan
Monarch 4 Door Sedan
Monarch Ghia 4 Door Sedan
Grand Monarch Ghia 4 Door Sedan

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model 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> |
|----------------------|--|---|---|
| 250 "A" (1CV1) | 0.30 | 1.8 | 1.4 |

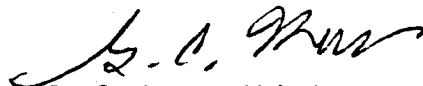
BE IT FURTHER RESOLVED: That this certification is contingent upon Ford Motor Company affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Ford Motor Company listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 6 day of August, 1976.



G. C. Hass, Chief
Division of Vehicle Emissions Control

Translation of Body Codes and Vehicle Models

Engine Family 250 "A" (1CV1)

Page 1 of 1

Comet

62B Comet 2 Door Sedan
54B Comet 4 Door Sedan

Granada

66H Granada 2 Door Sedan
66K Granada Ghia 2 Door Sedan
54K Granada Ghia 4 Door Sedan
54H Granada 4 Door Sedan

Maverick

62A Maverick 2 Door Sedan
54A Maverick 4 Door Sedan

Monarch

66H Monarch 2 Door Sedan
66K Monarch Ghia 2 Door Sedan
54H Monarch 4 Door Sedan
54K Grand Monarch Ghia 4 Door Sedan
Monarch Ghia 4 Door Sedan

Manufacturer Ford Motor Company Executive Order No. A-10-74 Page 1

Engine Family 250 "A" (1CV1) Engine (CID) 250 Engine Code 7-9N-R0

Emission Control System AI-EGR-OC +10%(A/C) Yes No

| Vehicle Models (If Coded see attachment) | Trans | Inertia Weight | Distributor Type: C,V, EI Mfgr. Part Number | Fuel System Type: 1-2V Mfgr. Part Number | EGR System Part No. Service** | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---|---------------|-------------------|---|---|-------------------------------------|---|
| <u>Comet</u> 62B 54B <u>Maverick</u> 62A 54A | A/T3 C4-7C | 3500 | Ford D7BE- 12127-GA | Ford (Non A/C) D7BE- 9510-HB D7BE 9510-HA (A/C) D7DE- 9510-GB D7DE- 9510-GC | D7DE- 9D475-CA | (1) 8° BTDC @ 750RPM (Max) in Neutral vacuum line discon- nected and plugged at the distributor (3) 600RPM in Drive (with A/C on) 600RPM in Drive (Non A/C only) 500 RPM in Neutral w/tsp off |

Comments : Axle Ratio 2.79
 ** No Service

Date of Issue

Abbreviations

- Distributor
 C-Centrifugal Advance
 V-Vacuum Advance
 R-Vacuum Retard
 HEI-High Energy Ignition
 EI-Electronic Ignition
Fuel System
 EFI, FI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emission Control System

- AI-Air Injection
 CAI-Catalyst Air Injection
 EFI-Electronic Fuel Injection
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 EFE-Early Fuel Evaporation
 ESAC-Electronic Spark Advance
 Control
 FI-Fuel Injection

- OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 RC-Reduction Catalyst
 TR-Thermal Reactor
 TWC-Three Way Catalyst
 λ-Air Fuel Ratio Sensor
*Service
 I-Inspect, repair/replace
 as needed
 R-Replace

Manufacturer Ford Motor Company Executive Order No. A-10-74 Page 1-1
 Engine Family 250 "A" (1CV1) Engine (CID) 250 Engine Code 7-9N-R0
 Emission Control System AI-EGR-OC +10%(A/C) Yes No

| Vehicle Models (If Coded see attachment) | Trans | Inertia Weight | Distributor Type C, V, EI Mfgr. Part Number | Fuel System Type 1-V Mfgr. Part Number | EGR System Part No. Service** | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|--|---------------|----------------|---|---|----------------------------------|---|
| <u>Granada</u> 66H 66K 54H 54K <u>Monarch</u> 66H 66K 54H 54K | A/T3 C4-7C | 4000 | Ford D7BE- 12127-GA | Ford (Non-A/C) D7BE- 9510-HB D7BE- 9510-HA (A/C) D7DE- 9510-GB D7DE 9510-GC | D7DE- 9D475-CA | (1) 8° BTDC@ 750 RPM (Max) in Neutral; Vacuum line disconnected and plugged at the distributor (3) 600RPM in Drive (with A/C off) 600 RPM in Drive (with A/C on) 600RPM in Drive (Non A/C only) 500RPM in Neutral W/TSP off (a) 700 RPM in drive (with A/C on and A/C compressor clutch wire disconnected). |

Comments Axle Ratio 2.79
 ** No Service

Date of Issue: August 6, 1976; Rev. (a) 250 "A" (1CV1)-15 (102676).

Abbreviations

Distributor

C-Centrifugal Advance
 V-Vacuum Advance
 R-Vacuum Retard
 HEI-High Energy Ignition
 EI-Electronic Ignition
Fuel System
 EFI, FI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emission Control System

AI-Air Injection
 CAI-Catalyst Air Injection
 EFI-Electronic Fuel Injection
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 EFE-Early Fuel Evaporation
 ESAC-Electronic Spark Advance
 Control
 FI-Fuel Injection

OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 RC-Reduction Catalyst
 TR-Thermal Reactor
 TWC-Three Way Catalyst
 λ-Air Fuel Ratio Sensor

*Service

I-Inspect, repair/replace
 as needed
 R-Replace

Passenger Cars Light-Duty Trucks

Manufacturer FORD MOTOR COMPANY Executive Order No. A-10-74 Page 2

Engine Family 250 "A" (1CV1) Engine (CID) 250 Engine Code 7-9N-R11

Emission Control System AI-EGR-OC +10%(A/C) Yes No

| Vehicle Models (If Coded see attachment) | Trans | Inertia Weight | Distributor Type: C,V, EI Mfgr. Part Number | Fuel System Type: 1-2V Mfgr. Part Number | EGR System Part No. Service** | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---|---------------|----------------|--|---|-------------------------------|--|
| Comet 62B 54B Maverick 62A 54A | A/T3 C4-7C | 3500 | Ford D7BE- 12127-GA | Ford (Non A/C) D7BE- 9510-HB D7BE 9510-HA (A/C) D7DE- 9510-GB D7DE- 9510-GC | D7DE- 9D475-CA | (1) 4° BTDC @ 750 RPM (Max) in Neutral vacuum line disconnected and plugged at the distributor. (3) 600 RPM in Drive (with A/C on) 600 RPM in Drive (Non A/C only) 500 RPM in Neutral W/tsp off. |

Comments Axle Ratio 2.79

** No Service

Date of Issue 250 "A" (1CV1)-19 December 29, 1976

Abbreviations

Distributor

- C-Centrifugal Advance
- V-Vacuum Advance
- VR-Vacuum Retard
- HEI-High Energy Ignition
- EI-Electronic Ignition
- Fuel System
- EFI, FI
- nV-nVenturi Carburetor
- VV-Variable Venturi

Exhaust Emission Control System

- AI-Air Injection
- CAI-Catalyst Air Injection
- EFI-Electronic Fuel Injection
- EGR-Exhaust Gas Recirculation
- EM-Engine Modification
- EFE-Early Fuel Evaporation
- ESAC-Electronic Spark Advance Control
- FI-Fuel Injection

- OC-Oxidation Catalyst
- PAI-Pulse Air Injection
- RC-Reduction Catalyst
- TR-Thermal Reactor
- TWC-Three Way Catalyst
- λ-Air Fuel Ratio Sensor

***Service**

- I-Inspect, repair/replace as needed
- R-Replace

Manufacturer FORD MOTOR COMPANY Executive Order No. A-10-74 Page 2-1
 Engine Family 250 "A" (1CV1) Engine (CID) 250 Engine Code 7-9N-R11
 Emission Control System AI-EGR-OC +10%(A/C) Yes No

| Vehicle Models (If Coded see attachment) | Trans | Inertia Weight | Distributor Type : C,V, EI Mfgr. Part Number | Fuel System Type: 1-1V Mfgr. Part Number | EGR System Part No. Service** | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|--|---------------|-------------------|--|--|-------------------------------------|--|
| Granada 66H 66K 54H 54K Monarch 66H 66K 54H 54K | A/T3 C4-7C | 4000 | Ford D7BE- 12127-GA | Ford (Non-A/C) D7BE- 9510-HB D7BE- 9510-HA (A/C D7DE- 9510-GB D7DE 9510-GC | D7DE- 9D475-CA | (1) 4° BTDC @ 750 RPM (Max) in Neutral: Vacuum line discon- nected and plugged at the distributor. (3) 600 RPM in Drive (with A/C off) 600 RPM in Drive (with AC on) 600 RPM in Drive (Non A/C only) 500 RPM in drive (with A/C on and A/C compressor clutch wire disconnected). |

Comments Axle Ratio 2.79

** No Service

Date of Issue 250 "A" (1CV1)-19 December 29, 1976

Abbreviations

Distributor

C-Centrifugal Advance
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 VR-Vacuum Retard
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 EI-Electronic Ignition
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 nV-nVenturi Carburetor
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