 E. O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-153
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Ford Motor Company exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars:

| Engine Family | Displacement Cubic Inches | Exhaust Emission Control Systems (Special Features) |
|---|---|---|
| 4.1 "A" (1x150) | 250 | Exhaust Gas Recirculation, Air Injection, Oxidation catalyst |

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

| Engine Family | Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|---|
| 4.1 "A" (1x150) | 0.30 | 2.6 | 1.3 |

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 except Motorcycles".

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, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-10 series.

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 11 day of August, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

# 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer **Ford Motor Co.** Executive Order No. **A-10-153** Page 1

Engine Family **4.1"A"(1X150)** Engine (CID) **250**

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

| Model | Body Type | Body Code | Model Name |
|---|---|---|---|
| Granada | 2-Door Sedan | 66H | Granada, Granada ESS, Granada Ghia |
| | 4-Door Sedan | 54H | Granada, Granada ESS, Granada Ghia |
| Monarch | 2-Door Sedan | 66H | Monarch/Monarch ESS/Monarch Ghia |
| | 4-Door Sedan | 54H | Monarch/Monarch ESS/Monarch Ghia |

**Evaporative Family: G**

Date of issue Revisions

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# 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

Manufacturer Ford Motor Company

Page 2

Engine Code** 9-9P-ROA 9-9P-RON

Engine Family 4.1"A"(1X150) Engine (CID) 250

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

| Eng. Code | Vehicle Models (If Coded see attachment) | Trans. | Inertia Weight Class | Ign. Sys. CA, VA Part Number | Fuel System 1V Part Number | EGR Valve Part Number | Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---|---|---|---|---|---|---|---|
| | Granada Sedan 66H 54H<br><br>Monarch Sedan 66H 54H | A-3 | 3500 | Ford D8DE-12127-CA | Carter D9DE-9510-AA W/A/C<br><br>D9DE-9510-BA WO/A/C | D9DE-9D448-CA | (1) 6° BTDC @ 750 Max. RPM in in neutral W/ Vacuum line disconnected at distributor.<br><br>(2) Preset at factory. Do not adjust. See 1979 Ford Service Manual.<br><br>(3) WO/A/C - 600 ± 50 RPM in drive.<br>W/A/C - 600 ± 50 RPM in drive, A/C OFF. 700 + 50 RPM in drive W/ A/C ON. Compressor disconnected.<br>450 ± 50 RPM in drive, A/C OFF. TSP OFF. All hoses connected. |

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, equipment and inertia weight class.

**Engine Code Letter Suffix (Air Condition): A - A/C, N - Non A/C, B - Both A/C & Non A/C

Date of Issue - Revisions

E.O. #A-10-153

# 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

Manufacturer Ford Motor Company

Page 3

Engine Code** 9-9P-R10A 9-9P-R10N

Engine Family 4.1"A"(1X150) Engine (CID) 250

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

| Eng. Code | Vehicle Models (If Coded see attachment) | Trans. | Inertia Weight Class | Ign. Sys. CA, VA Part Number | Fuel System 1V Part Number | EGR Valve Part Number | Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---|---|---|---|---|---|---|---|
| | Granada Sedan 66H 54H<br>Monarch Sedan 66H 54H | A-3 | 3500 | Ford D8DE-12127-CA | Carter D9DE-9510-AB W/A/C<br>D9DE-9510-BB WO/A/C | D9DE-9D448-CA | (1) 6° BTDC @ 750 Max. RPM in in neutral W/ Vacuum line disconnected at distributor.<br>(2) Preset at factory. Do not adjust. See 1979 Ford Service Manual.<br>(3) WO/A/C - 600 ± 50 RPM in drive.<br>W/A/C - 600 ± 50 RPM in drive, A/C OFF. 700 + 50 RPM in drive W/ A/C ON. Compressor disconnected.<br>450 ± 50 RPM in drive, A/C OFF. TSP OFF. All hoses connected. |

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, equipment and inertia weight class.

**Engine Code Letter Suffix (Air Condition): A - A/C, N - Non A/C, B - Both A/C & Non A/C

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Revisions: