

State of California
Air Resources Board

EXECUTIVE ORDER A-17-33
Relating to Certification of New Motor Vehicles

AMERICAN MOTORS CORPORATION

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 American Motors Corporation exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: II-C
Engine: 304 CID
Transmission: 3-Speed Automatic
Exhaust Emissions Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Matador 2-Door
Matador 4-Door
Matador Wagon

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> |
|----------------------|--|---|---|
| II-C | 0.34 | 4.8 | 1.0 |

BE IT FURTHER RESOLVED: That this certification is contingent upon American Motors Corporation 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 American Motors Corporation 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 13 day of August, 1976.



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

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Engine Family II-C Engine (CID) 304 Engine Code DAC-3Q-1 & DAC-3QB-1

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

| Vehicle Models (If Coded see attachment) | Trans | Inertia Weight | Distributor Type: EI, C, V, TCSA Mfgr. Part Number | Fuel System Type: 1-2V Mfgr. Part Number | EGR System: Backpressure Sensitive Part No. Service* | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---|--------------------------------|----------------|--|---|--|---|
| Matador | A/T3 (3.15 rear axle ratio) | 4500 | 3228264, which is IDJ-4001G or 3231177 ----- | Motorcraft 7RA2C | Eaton G61665 (EGR Valve-Backpressure Sensor Integral System) I-30,000 mi. | (1) 5° + 2° BTDC @500 RPM in "drive" with vacuum disconnected (2) 20 RPM Lean Drop (3) 700 RPM + 100 RPM in "drive" |

Comments

Date of Issue: August 11, 1976
 12 May, 1977, R/C 77-16C adds RFI suppressing distributor

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| Abbreviations <u>Distributor</u> C-Centrifugal Advance V-Vacuum Advance VR-Vacuum Retard HEI-High Energy Ignition EI-Electronic Ignition <u>Fuel System</u> EFI, FI nV-nVenturi Carburetor VV-Variable Venturi | <u>Exhaust Emission Control System</u> 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 | TCSA-Transmission Controlled Spark Advance 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 |
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