E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-35
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: V
Engine: 121 CID
Transmission: 3-Speed Automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation catalyst

Model: Gremlin

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model-year vehicles:

| Engine Family | Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|---|
| V | 0.23 | 3.1 | 1.2 |

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 16th day of June, 1977.

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G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☐ Light-Duty Trucks

Manufacturer American Motors Corporation Executive Order No. A-17-35 Page 1

Engine Family V Engine (CID) 121 Engine Code SAC 3S-3

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

| Vehicle Models (If Coded see attachment) | Trans | Inertia Weight | Distributor Type C,V<br>Mfgr.<br>Part Number | Fuel System Type 1-2V<br>Mfgr.<br>Part Number | EGR System<br>Part No.<br>Service* | Tune-Up Specification<br>(1) Basic Timing<br>(2) Idle Mixture<br>(3) Idle Speed |
|---|---|---|---|---|---|---|
| Gremlin | A-3 | 3000 | Bosch<br>0231170207<br>AM part #<br>3250163 | Holley<br>7846<br>AM part #<br>SF-<br>3230404 | Rochester<br>17056317<br>AM part #<br>3231955<br><br>*I-30,000 | (1) 8° BTDC ± 2° at 800 RPM in drive. vacuum line off & plugged and solenoid disconnected.<br>(2) 120 RPM lean drop.<br>(3) 800 ± 100 RPM in drive. |

Comments

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