 E. C. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-34
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: III-C
Engine: 360 CID
Transmission: 3-Speed Automatic
Exhaust Emission 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-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
III-C	0.31	3.4	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 28 day of January, 1977.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer AMERICAN MOTORS CORPORATION Executive Order No. A-17-34 Page 1 of 2

Engine Family III-C Engine (CID) 360 Engine Code RAC-3Q-2 & RAC-3QB-2 & RAC-3QB-P

Emission Control System AI, EGR, OC +10%(A/C) Yes [X] 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 -2-Door -4-Door -Wagon	A/T3 (3.15 rear axle ratio)	4500	3228266, which is IDJ-4001H or 3231178	Motorcraft 7RA2C	Rochester XG-61677 (EGR Valve-Backpressure Sensor Integral System, which is AMC No.P-92, 3231162) I-30,000mi	(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: 24 January 1977
12, May, 1977 Running Change 77-15C adds Eng.Code RAC-3QB-P.
12, May, 1977 R/C # 77-16C

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

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

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☐ Light-Duty Trucks

Manufacturer American Motors Corporation Executive Order No. A-17-34

Engine Family III-C Engine (CID) 360 Engine Code RAC-3Q-4 & RAC-3QB-4 & RAC-3QB-4P

Emission Control System AI, EGR, OC +10%(A/C) Yes [X] 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 -2-Door -4-Door -wagon	A/T3 (3.15 rear axle ratio)	4500	3228266, (which is IDJ-4001H) 3231178	Motorcraft 7RA2C 7RA2CP	Rochester XG-61677 (EGR Valve-Backpressure Sensor Integral System, which is AMC No.P-92, 3231162) I-30, 000mi	(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 24 January 1977

Running Change 77-18 adds Eng. Code RAC-3QB-4 and RAC-3Q-4. Also adds carburetor Part No. 7RA2CP, Running Change 77-27 adds Eng. Code RAC-3QB-4P.

Abbreviations

Distributor
C-Centrifugal Advance
'-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