

State of California
Air Resources Board

EXECUTIVE ORDER A-17-31
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: I-C
Engine: 232 CID and 258 CID
Exhaust Emissions Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models:	<u>3-Speed Automatic Transmission</u>	<u>4-Speed Manual Transmission with 232 CID Engine ONLY</u>
	Pacer Sedan	
	Pacer Wagon	Hornet Hatchback
	Hornet Wagon	Gremlin
	Hornet 4-Door Sedan	
	Hornet 2-Door Sedan	
	Hornet Hatchback	
	Gremlin	

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>
I-C	0.30	3.8	1.3

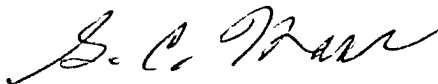
BE IT FURTHER RESOLVED: That this certification is contingent upon American Motors Corporation affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

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 15 day of August, 1976.



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

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Engine Family I-C Engine (CID) 232 and 258 Code LAC, etc. & KAC, etc.

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: I-IV Mfgr. Part Number	EGR System: Backpressure Sensitive Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Pacer, Hornet, Gremlin (232 CID, engine codes LAC-3DV-1 & LAC-3D-1)	A/T3 (3.08 rear axle ratio)	3500	3229719, which is Prestolite IDJ-4002-F #106 or 3230401 -----	Carter 7153	Eaton G61363 I-30,000 mi	(1) 10° + 2° BTDC @ 500 RPM in "drive" with vacuum disconnected (2) 25 RPM Lean Drop (3) 700 RPM + 100 RPM in "drive"
Eaton G61351 I-30,000 mi					(1) 8° + 2° BTDC @ 500 RPM in "drive" with vacuum disconnected (2) 25 RPM Lean Drop (3) 700 RPM + 100 RPM in "drive"	
Eaton G61363 I-30,000 mi					(1) 10° + 2° BTDC @ 500 RPM in "drive" with vacuum disconnected (2) 25 RPM Lean Drop (3) 700 RPM + 100 RPM in "drive"	
Pacer, Hornet, Gremlin (258 CID, engine codes KAC-3DV-1 & KAC-3D-1)						
Hornet (Special USGSA order) (232 CID, eng. code LAC- 3D-1)			3230401, which is Prestolite IDJ-4002-G			

Comments

Date of Issue: August 11, 1976
October 8, 1976, Running Change #77-5C
12 May, 1977, R/C 77-16C adds RFI suppressing distributor

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

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