

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-31-1  
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: 258 CID

Transmission: 4-speed Manual Transmission

Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst.

Models: Gremlin  
Hornet Hatchback  
Hornet 4-Door Sedan  
Hornet 2-Door Sedan

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.

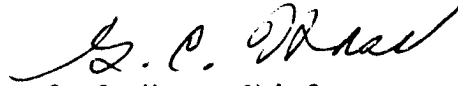
BE IT FURTHER RESOLVED: That this certification is also contingent upon American Motors Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

These vehicles are in addition to those previously certified for this engine family.

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 22 day of November, 1976.



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

Manufacturer AMERICAN MOTORS CORPORATION Executive Order No. A-17-31 & A-17-31-1 Page 2 of 2  
 Engine Family I-C Engine (CID) 232 & 258 Engine KMC-3D-2 & Code LMC-3D  
 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: 1-1V Mfgr. Part Number	EGR System: Backpressure Sensitive Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Gremlin, Hornet Hatchback (232 CID, engine code LMC-3D)	M/T4 (2.73 rear axle ratio)	3500	3229719, which is Prestolite IDJ-4002 F #106  or <u>3230401</u> <u>=====</u>	Carter 7223	Eaton G61373 (3230186)  I-30,000 miles	(1) 10° + 2° BTDC @ 500 RPM with vacuum disconnected (2) 100 RPM Lean Drop (3) 850 RPM ± 100 RPM
Gremlin, Hornet Hatchback, Hornet 4-dr, Hornet 2-dr. (258 CID, engine code <u>KMC-3D-2</u> )						(1) 8° + 2° BTDC @ 500 RPM with vacuum disconnected (2) 100 RPM Lean Drop (3) 850 RPM ± 100 RPM

Comments: Shift points @ 15-25-40 mph

Date of Issue: August 11, 1976

E. O. A-17-31-1, November 18, 1976

12 May, 1977, R/C 77-16C adds RFI suppressing distributor  
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Abbreviations

Distributor  
 C-Centrifugal Advance  
 V-Vacuum Advance  
 VR-Vacuum Retard  
 HEI-High Energy Ignition  
 EI-Electronic Ignition  
 Fuel System  
 EI, FI  
 Mfgr. Part No. of Carburetor

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

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