

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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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 16<sup>th</sup> day of June, 1977.

*G.C. Hass* by *ADD Drachman*  
G. C. Hass, Chief  
Vehicle Emissions Control Division

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	Fuel System	EGR System	Tune-Up Specification  (1) Basic Timing (2) Idle Mixture (3) Idle Speed
			Type C,V  Mfgr. Part Number	Type 1-2V  Mfgr. Part Number	Part No. Service*	
Grenlin	A-3	3000	Bosch 0231170207 AM part # 3250163	Holley 7846 AM part # SF- 3230404	Rochester 17056317 AM part # 3231955  *I-30,000	(1) 8° BTDC + 2° at 800 RPM in drive. vacuum line off & plugged and solenoid disconnected.  (2) 120 RPM lean drop.  (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