E.O.

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-7
Relating to Approval of New Motor Vehicles

AMERICAN MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That American Motors Corporation exhaust emission control systems for 1974 model year light-duty motor vehicles are approved for the engine family described below:

Engine Family IA

Engine Size 232 CID equipped with Exhaust Gas Recirculation.

Automatic and manual transmission.

Models: Gremlin, Hornet (Sedan, Wagon and Hatchback), and Javelin.

Manual transmission only.

Models: Universal CJ 5/6.

Engine Size 258 CID equipped with Exhaust Gas Recirculation.

Automatic and manual transmission.

Models: Gremlin, Hornet (Sedan, Hatchback and Wagon), and Javelin.

Manual transmission only.

Models: Universal and Universal CJ 5/6.

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
IA	2.4	35	1.5

According to the California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline Powered Vehicles, these values shall be in effect during the first calendar quarter of model production and not to exceed 30 days thereafter. Not more than one month after the first and each succeeding calendar quarter of production, the exhaust emissions shown on the window decal shall be the average quality audit values for the engine family of the previous calendar quarter of production.

Section B3 of the above procedure requires the manufacturer to submit to the Executive Officer before the start of the model-year, a list of the engine components and control systems affecting emissions to be functionally checked and the procedure for performing these checks.

In accordance with Section II E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order and attachment.

Executed at Sacramento, California, this 24 day of September, 1973.

JOHN A. MAGA
Executive Officer

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SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

MANUFACTURER: AMERICAN MOTORS CORPORATION

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Gremlin Hornet Wagon Hornet Sedan Hornet Hatchback Javelin	232	1-1V	A	IA	3,000 3,500 3,000 3,000 3,500	700 RPM in Drive	5° BTDC in Drive	1 - 1.5%
Gremlin, Universal CJ 5/6, Hornet (Sedan & Hatchback) Hornet Wagon Gremlin			M		3,000 3,000 3,000 3,000 3,500 3,500	600 RPM in Neutral	5° BTDC in Neutral	
Gremlin Hornet (Hatch-back & 2 Door Sedan) Hornet (4 Door Sedan & Wagon) Javelin	258	1-1V	A		3,000 3,000 3,500	700 RPM in Drive	3° BTDC in Drive	
Gremlin Universal CJ5/6 Hornet Hatch-back Universal			M		3,000 3,000 3,000 3,000	600 RPM in Neutral	3° BTDC in Neutral	

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System: Exhaust	NOx	Evap.	Other
Gremlin Hornet Sedan Hornet Wagon Hornet Hatch-back Javelin	232	1-1V	A	DELCO 1110529	C & V	CARTER # 7028	EM	EGR	CC	TCS EGR-COS Sp.-COS
Gremlin, Univ-ersal CJ5/6, Hornet (Sedan, Hatchback & Wgn) Javelin			M			CARTER # 7029				
Gremlin Hornet (Sedan, Wgn & Hatchback) Javelin	258	1-1V	A			CARTER # 7028				
Gremlin Universal CJ5/6 Hornet Hatchback Universal			M			CARTER # 7029				

EM = Engine modification
EGR = Exhaust Gas Recycle
CC = Charcoal canister
* C - Centrifugal
V - Vacuum
VR - Vacuum retard

TCS = "Transmission controlled spark"-controlls distributor spark advance at set speeds.
EGR-COS ="Exhaust gas recycle override switch"-controlls EGR at lower temperatures.
Sp.-COS = "Spark coolant override switch"-Permits distributor vacuum advance at lower temperatures at all speeds.