E.O.
8/5/73

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-3
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 families described below:

Engine Family I

Engine Size 258 CID equipped with Exhaust Gas Recirculation.

Automatic and Manual Transmission.

Hornet (Sedan, Wagon & Hatchback), Gremlin, Javelin.

Manual Transmission only.

Universal CJ 5/6

Engine Size 258 CID equipped with Exhaust Gas Recirculation and Air Injection.

Automatic Transmission only.

Matador

Engine Family II

Engine Size 304 CID equipped with Exhaust Gas Recirculation and Air Injection.

Automatic and Manual Transmission.

Gremlin, Javelin, Hornet.

Automatic only.

Matador Sedan.

Engine Family II (Continued)

Manual only.

Universal CJ 5/6.

Engine Family IV

Engine Size 360 CID equipped with Exhaust Gas Recirculation, Air Injection and Automatic Transmission.

Matador, Ambassador, Javelin, Cherokee, Wagoneer, Truck J-10.

Engine Size 401 CID equipped with Exhaust Gas Recirculation, Air Injection and Automatic Transmission.

Javelin, Wagoneer, Matador, Ambassador, Cherokee, Truck J-10.

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
I	2.6	34	2.0
II	3.0	37	1.9
IV	2.9	34	2.0

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 month of model production but not to exceed 30 days. 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 10 day of August, 1973.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

EXECUTIVE ORDER A-17-3

ANUFACTURER: AMERICAN MOTORS CORPORATION

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, Wagon, Hatchback) Javelin	258	1-1V	A	Delco 1110529	C & V	Carter YF 6510	EM	EGR	CC	TCS** EGR-COS Sp-COS
Gremlin, Hornet (Sedan & Wagons) Javelin, Universal CJ 5/6	258	1-1V	M	Delco 1110529	C & V	Carter YF 6511				
Matador			A			Carter YF 6510	AIR			
Matador Sedan Hornet, Gremlin Javelin	304	1-2V		Delco 1112112		Motorcraft 2100-2V #4DA2				
Gremlin, Hornet Hatchback, Javelin Universal CJ-5/6			M	Delco 1112174		Motorcraft CJ 5/6-4DMJ2 All others - 4DM2				
Matador Ambassador Javelin Cherokee Wagoneer Truck J-10	360	1-4V	A	Delco 1112215		Motorcraft 4TA4				

TCS = "Transmission Controlled Spark" to control distributor spark advance @ set speeds.
EGR-COS = Exhaust Gas Recycle Coolant Override Switch to control EGR @ lower temperatures.
Sp.COS = Spark Coolant Override Switch to give distributor vacuum advance @ lower temperatures @ all speeds.
CC = Charcoal Canister.
** = Cherokee, Wagoneer, CJ 5/6 with 8 cylinder engines, and Truck J-10 do not have TCS.

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

AIR RESOURCES BOARD
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 (Sedan, Wagon, Hatchback) Javelin	258	1-1V	A	I	Gremlin & Hornet 2-Dr.-3000, All others - 3500	700	3°BTDC @ 700 RPM-Drive	1. - 1.5%
Gremlin, Hornet (Sedans & Wagons) Javelin Universal CJ 5/6			M					
Matador			A		4,000			0.5 - 1.0%
Matador Sedan Hornet, Gremlin, Javelin	304	1-2V		II	Matador-4,000 All others - 3,500	700	5° BTDC @ 700 RPM-Drive	
Gremlin, Hornet Hatchback, Javelin, Universal CJ-5/6			M		CJ-5/6-3,000 All others - 3,500	750	5° BTDC @ 750 RPM - Neutral	
Matador, Ambassador, Javelin, Cherokee, Wagoneer, Truck J-10	360	1-4V	A	IV	Javelin-4,000 All others - 4,500	700	5° BTDC @ 700 RPM - Drive	

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							Exhaust	NOx	Evap.	Other
agoneer, atador, mbassador, herokee, ruck J-10, avelin	401	1-4V	A	Delco 1112215	C & V	Motorcraft 4TA4	Air	EGR	CC	TCS** EGR-COS Sp.-COS

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						Idle RPM	Basic Timing	Idle CO or AFR
agoneer, atador, mbassador, herokee, ruck J-10 avelin	401	1-4V	A	IV	Javelin-4,000 All others - 4,500	700	5° BTDC @ 700 RPM - Drive	0.5 - 1.%