State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-58
Relating to Certification of New Motor Vehicles

AMERICAN MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That American Motors Corporation exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered light-duty trucks.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
BAM258T2HPX	258 (4.2)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

Engine Family	Equiv. Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
BAM258T2HPX	0-3999	0.21	6.3	1.0

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles", amended June 26, 1980.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That American Motors Corporation has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 21ST day of August, 1980.

K. D. Drachand by RM

K. D. Drachand, Chief
Mobile Source Control Division

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nufacturer American Motors Corp. Executive Order No. A-17-58 Page 1

Engine Family BAM258T2HPX Evaporative Family E-2D-T

ABBREVIATIONS Engine CID (Liters) 258 (4.2)

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Exhaust Emissions Control System
AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DI-Diesel Injection
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System
CFI, DI, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Vehicle Models

CJ-5
CJ-7
CJ-8
Eagle GT Liftback
Eagle GT Sedan
Eagle 2 Door Sedan
Eagle 4 Door Sedan
Eagle Wagon

S.O. Book

E.O. #A -17-58

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__ Passenger Cars X Light-Duty Trucks __ Medium-Duty Vehicles X Gas __ Diesel

Manufacturer American Motors Corporation

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Engine Family BAM258T2HPX

Engine Code 1M1, 1M3 1A1, 1A3

ECS (Special Features) AIP, EGR TWC/CL

CID (Liter)-Type 258 (4.2) L-6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Mfgr. Part No.	Fuel System 1-2V Mfgr. Part No.	EGR Valve Part No.	Label Ident. Part No.
1M1	CJ-5 CJ-7 CJ-8	M4	3125 3125 3250	Motorcraft 3239833	Carter 3238299 I.D. No. List 8307	3240187	5362381 5363282 (HD)
1M3	Eagle GT L/bk Eagle GT Sedan Eagle 2-door Eagle 4-door Eagle Wagon		3500 3500 3750 3750 3750			3240189	3240288
1A1	CJ-7 CJ-8	A3	3125 3250	Motorcraft 3235141	Carter 3238298 I.D. No. List 8302	3240192	5362383 5362384 (HD)
1A3 1A4(1)	Eagle GT L/bk Eagle GT Sedan Eagle 2-door Eagle 4-door Eagle Wagon		3625 3500 3750 3750 3875		Carter 3238405 I.D. No. List 8306	3240191	3240287

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 8-18-80

(1) added per running change 81CT258-10.

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