State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-74
Relating to Certification of New Motor Vehicles

AMERICAN MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1984 model-year American Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
EAM258T2HEAX	258	(4.2)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.39	9.0	1.0
4000-5999	0.50	9.0	1.0

The following are the certification emission values for the above engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.31	5.8	0.9
4000-5999	0.46	7.1	0.4

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia weight class were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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".

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 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 22nd day of July, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corporation Executive Order No. A-17-74

Engine Family EAM 258 T2 HE AX Evaporative Families ET-258B-1P and ET-258B-1S

Engine CID (Liters) 258 (4.2)

ABBREVIATIONS:

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

Fuel System
- CFI, CL, DID, DIP, EFI, MFI
- nV - nVenturi Carburetor
- VV - Variable Venturi

Special Features
- CCV - Combustion Chamber Valve
- CFI - Central Fuel Injection
- DID - Diesel Injection-Direct
- DIP - Diesel Injection-Prechamber
- EFI - Electronic Fuel Injection
- MFI - Mechanical Fuel Injection
- TC - Turbocharged

VEHICLE MODELS:

87 = Open Truck CJ-7 4WD
88 = Scrambler 4WD
15 = Grand Wagoneer 4WD
25 = Pickup Truck 4WD 119 W.B.
26 = Pickup Truck 4WD 131 W.B.

35 = Eagle 4-Door Sedan 4WD
38 = Eagle Wagon 4WD
53 = Eagle SX/4 Liftback 4WD
FJ-8C = AMG Post Office 2WD*

DRIVE SYSTEM: Front ENGINE/ Front and Rear *Rear -WHEEL DRIVE

E.O. No. A-17-74

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars___ Light-Duty Trucks X Medium-Duty Vehicles___ Gas X Diesel___

Manufacturer American Motors Corporation Page 2

Engine Family EAM 258 T2 HE AX Engine Code

ECS (Special Features) CL + EGR + AIV + TWC (None) CID (Liter) Type 258(4.2)I6

Engine Code	Vehicle Models (If Coded See Attachment)	Trans	Equiv. Test Weight	Ignition System CA, VA Part No.	Fuel System CL, 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1M1	87, 88	M4 M5	3250	3242409	8933001708	3240097	8933001191 8933001992
1M3	53	M4 M5	3625		8933001708	3239371	8933001231
1M3	35, 38	M4 M5	3750		8933001708	3239371	8933001231
1M2	25	M4	4000		8933001708	8933001951	8933001189
1M2	15, 26	M4	4250		8933001708	8933001951	8933001189
1A1	87	A3	3250		8933001707	3240097	8933001190 8933001991
1A1	88	A3	3375		8933001707	3240097	8933001190 8933001991
1A2	15	A3	4500		8933001707	8933000889	8933001188
1A2	25, 26	A3	4250		8933001707	8933000889	8933001188
1A3	53	A3	3625		8933001707	8933000828	8933001228
1A3	35	A3	3750		8933001707	8933000828	8933001228
1A3	38	A3	3875		8933001707	8933000828	8933001228
1A4	FJ-8C	A3	4250		8933001707	8933000828	5903297

Comments: Engine Code 1A4 and Vehicle Model FJ-8C added to family by Running Change #84BT258-03.

(See Page 1 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.)

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

Date of Issue:

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