State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-67-1
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 1983 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)
DAM258T2HEBX	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 as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year 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 this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.30	5.0	0.8
4000-5999	0.29	4.4	0.6

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.

Executive Order A-17-67, dated July 18, 1982, is hereby rescinded.

Executed at El Monte, California, this 15th day of September, 1982.

R. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corporation

Executive Order No. A-17-67-1 (1)
DT-258B-1P

Engine Family DAM258T2HEBX

Evaporative Family DT-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
- MFI - Mechanical Fuel Injection
- TC - Turbocharged

MODELS:	BODY CODE:	MODELS:	BODY CODE:
Eagle Sedan	35	Wagoneer	15
Eagle Wagon	38	Cherokee 2-Door Wagon	16
Eagle SX/4	53	Cherokee 2-Door Wagon	17
Jeep CJ-5	85	Cherokee 4-Door Wagon	18
Jeep CJ-7	87	J-10 Pickup - 119 W.B.	25
Jeep Scrambler	88	J-10 Pickup - 131 W.B.	26

DRIVE SYSTEM:

Front Engine - Transmission - Transfer Case - Front and Rear Axle

(1) Medium-duty vehicles deleted by RC 83BT258-03 on 081083.

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer American Motors Corporation E.O. No. A-17-67-1(1)

Engine Family DAM258T2HEBX CID (Liter) Type 258 (4.2) I-6

ECS (Special Features) EGS(CL) + EGR + AIV + TWC

Engine Code	Vehicle Models (If Coded See Attachment)	Trans	Ignition System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
1M1	85,87,88	M4 M5	3242409	8933000469	3240097	8953001026 8953001042
1A1	87,88	L3		8933000468	8933000828	8953001025 8953001041
1M2	15,16,17,18,25,26	M4 M5		8933000469	3240192	8953001034
1A2	15,16,17,18,25,26	L3		8933000468	8933000889	8953001043
1M3	35,38,53	M4 M5		8933000469	3240192	8933000380
1A3	35,38,53	L3		8933000468	8933000889	8933000379

Comments:

(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: 091882
Revised: (1) Medium-duty vehicles deleted by RC 83BT258-03 on 081083.
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