

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-75  
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:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
EAM150T1HEA5	150 (2.46)	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":

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.39	9.0	1.0

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

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.24	4.4	0.6

BE IT FURTHER RESOLVED: That the listed models 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.

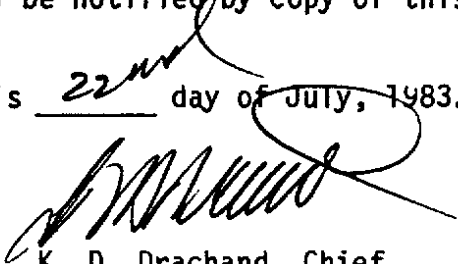
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 22<sup>nd</sup> 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-17-75  
 Engine Family EAM 150 T1 HE A5 Evaporative Families ET-150E-7P and ET-150E-7S  
 Engine CID (Liters) 150 (2.46)

## 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  
 75 = Wagoneer 4WD  
 77 = Cherokee 2-Door 4WD  
 78 = Cherokee 4-Door 4WD

35 = Eagle 4-Door Sedan 4WD  
 38 = Eagle Wagon 4WD  
 53 = Eagle SX/4 Liftback 4WD  
 DJ5M = Post Office 2WD\*

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

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETPassenger Cars      Light-Duty Trucks X Medium-Duty Vehicles      Gas X Diesel     Manufacturer American Motors Corporation Page 2Engine Family EAM 150 T1 HE A5 Engine Code     ECS (Special Features) CL + EGR + AIV + TWC (None) CID (Liter) Type 150(2.46)I4

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.
5A1	DJ5M	A3	2500	3242700	8933002114 (List 7701)	8933001516 (17084780)	5995778
1A1	77, 78	A3	3250				8953000341
	75, 53	A3	3375				8953000341 8933002119
1M1	53	M4 M5	3375		8933002115 (List 7700)	8933001944 (17084833)	8933001567
	35, 38	M4 M5	3625				8933001567
1M2	87, 88	M4 M5	3125			8933001943 (17084834)	8933002044 8933002047
	77	M4	3125				8953000342
	77	M5	3250				8953000342
	78	M4 M5	3250				8953000342
	75	M5	3375				8953000342

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:

071080

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