State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-62
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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 model-year American Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks and medium-duty vehicles.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
CAM258T2HE84	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 emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1982 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	1.5

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	0.20	3.8	0.8
4000-5999	0.21	5.1	1.4

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 in El Monte, California this 23rd day of June, 1981.

K. D. Drachand, Chief
Mobile Source Control Division

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Manufacturer American Motors Corp. Executive Order No. A-17-62 Page 1

Engine Family CAM258T2HE84 Evaporative Family E-2C-T & E-2D-T

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

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

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
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber

MFI-Mechanical Fuel Injection
TC-Turbocharged

Vehicle Models

CJ5
CJ7
Scrambler

Eagle
SX/4
Kammback
2-Door Sedan
4-Door Sedan
Wagon

Cherokee
Wagoneer
J-10 Truck

DRIVE SYSTEM: Front engine/Four Wheel Drive

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1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer American Motors Corporation E.O. #A-17-62

Engine Family CAM258T2HE84 CID (liter) - Type 258 (4.2) L-6

ECS (Special Features) AIP, EGR, TWC/CL

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1M1	CJ-5, CJ-7	M4 & M5	3125	3241333	3241122	3239369	VECI 3241942 Vac. Hose 3242061
	Scrambler		3250				
1M3	Eagle SX/4 Eagle Kammback		3500			3241727	VECI 3241906 Vac. Hose 3242102
	Eagle 2 Dr Sed. Eagle 4 Dr Sed. Eagle Wagon		3750				
1A1	CJ-5, CJ-7 Scrambler	A3	3250		3241121	3239366	VECI 3241943 Vac. Hose 3242101
1A3	Eagle SX/4		3625			3238908	VECI 3241907 Vac. Hose 3242065
	Eagle Kammback Eagle 2 Dr Sed. Eagle 4 Dr Sed.		3750				
	Eagle Wagon		3875				

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 - 06/19/81
Revisions:

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer American Motors Corporation E.O. #A-17-62

Engine Family CAM258T2HE84 CID (liter) - Type 258 (4.2) L-6

ECS (Special Features) AIP, EGR, TWC/CL

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1M2	Cherokee Wagoneer	M4 & M5	4250	3241333	3241128	3241781	VECI 3242010 Vac. Hose 3242063
	J-10 Truck 110 in. WB		4000				
	131 in. WB		4250				
1A2	Cherokee Wagoneer J-10 Truck	A3			3241127	3241780	VECI 3242009 Vac. Hose 3242060

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.

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