

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-49
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 1980 model-year gasoline-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
CT-4W1	258	Air Injection Exhaust Gas Recirculation Oxidation Catalyst

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 1979 model-year vehicles:

<u>Engine Family</u>	<u>Inertia Weight Class</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
CT-4W1	0-3999	0.38	8.0	1.9

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 except Motorcycles".

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 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 1ST day of August, 1979.

K. D. Drachand
K. D. Drachand, Acting Chief
Mobile Source Control Division

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Manufacturer American Motors Corp. Executive Order No. A-17-49 Page 1

Engine Family CT-4W1 Engine (CID) 258

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

EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst
PAI-Pulse Air Injection
TR-Thermal Reactor
TWC-Three Way Catalyst

Special Features

CCAV-Combustion
Chamber Air
Valve
EFI-Electronic
Fuel
Injection
MFI-Mechanical
Fuel
Injection
TC-Turbo Charged

Vehicle Models

CJ-5
CJ-7
4WD Eagle

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer American Motors Corporation

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Engine Family CT-4W1

CID-Type 258-I-6

Engine Code 1M1, 1A1, 1A2

ECS (Special Features) AI, EGR, OC

+ 10% (A/C)

Yes No X

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA, EI Part No.	Fuel System Type: 1-2V Mfgr. Part No.	EGR Valve Part No.	Label Ident.
1M1	CJ-5 CJ-7	M-4	3250	Motorcraft 3235141 AM Part No. 3235141	Carter 8254S AM Part No. SF3235766	3230176/C AM Part No. 3230176	5361310 (Std. Cooling 5361311 (H.D. Cooling
1A1		A-3	3375		Carter 8253S AM Part No. SF3235765	3230846/A0 AM Part No. 3230846	5361312 (Std. Cooling 5361313 (H.D. Cooling
1A2	4WD Eagle Wagon 4WD Eagle 4 Dr. Sedan		3875			3230176/C	3238245
	4WD Eagle 2 Dr. Sedan		3750			AM Part No. 3230176	

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, equipment and inertia weight class.

of Issue -