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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-51
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 medium-duty vehicles:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
NT-3A1	360	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>Hydrocarbons Grams per Mile</u>	<u>Carbons Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
NT-3A1	0.6	12	2.0

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 8th day of August, 1979.



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

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Engine Family NT-3A1 Engine (CID) 360

Evaporative Family: E-5a-T

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

Cherokee
Wagoneer
J10 Truck
J20 Truck

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer American Motors Corporation

Page 1A
 Engine 1A3(2)
 Code 1A1 & 1A2

Engine Family NT-3A1

CID-Type 360-V-8

ECS (Special Features) AI, EGR, OC

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System	Fuel System	EGR Valve	Label Ident.
				CA,VA,EI	1-2V	Part No.	
1A1 1A3(2)	Cherokee Wagoneer	A-3	4500	Motorcraft 3233174	Motorcraft ORHA2	3233596/AH	5361318 standard cooling
1A1	J10 Truck			A.M. Part No. 3233174	A.M. Part No. SF3235796	A.M. Part No. 3233596	5361319 H.D. cooling
1A2(1)	J-20 Truck						

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.

Date of Issue -

- (1) Added per request 80-22 dated October 5, 1979.
- (2) Added per running change request 80-21.