E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-42
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 for 1978 model-year medium duty vehicles are certified for the vehicles described below:

Engine Family: III-TCD
Engine: 360 CID
Transmission: 3-Speed Automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
III-TCD	0.7	17	2.0

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-17 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 31 day of October, 1977.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Engine Family III-TCD Engine (CID) 360

ABBREVIATIONS

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CAI-Catalyst Air Injection
CAB-Chamber Air Bleed
DD-Dual Displacement
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection
OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)

EGR Syst. Service
I-Inspect, repair/replace as needed
R-Replace

Vehicle Model

Cherokee	2-Dr.
	2-Dr. (W.T.)
	4-Dr.
Wagoneer	4-Dr.
Truck	J-10 (119 WB)
	J-10 (131 WB)
	J-20 (131 WB)

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☐ Light-Duty Trucks ☒ Medium Duty Vehicles

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Engine Family III-TCD Engine (CID) 360 Engine Code RAC-3ST

Emission Control System AI,EGR,OC +10%(A/C) Yes ☐ No ☒

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C,V Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Part No. Service *	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Cherokee 2-Dr. 2-Dr. (W.T.) 4-Dr.	A-3	4500	Motorcraft D8FE-12127-KA	Motorcraft 8RHA2C	G-70158	1) 10°± 2° BTDC @ idle with vacuum off and plugged and solenoid disconnected
	Wagoneer 4-Dr.			AM Part# 3233174	AM Part# SF-5358014	AM Part# 3233596 *I-30,000 mi	2) 20 RPM lean drop
	Truck J-10(119 WB) J-10(131 WB)						3) 700± 100 RPM idle speed with transmission in "drive"
	Truck J-20(131 WB)		5000				

Comments: All models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue Revisions: