

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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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, Chief  
Vehicle Emissions Control Division

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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)

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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				
	<u>Cherokee</u> 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				
	<u>Wagoneer</u> 4-Dr.							AM Part# 3233174	AM Part# SF- 5358014	AM Part# 3233596	2) 20 RPM lean drop
	<u>Truck</u> J-10(119 WB) J-10(131 WB)										*I- 30,000 mi
	<u>Truck</u> 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: