

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-27  
Relating to Certification of New Motor Vehicles

AMERICAN MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That American Motors Corporation exhaust emission control systems for 1977 model-year light duty trucks are certified for the engine family described below:

Engine Family: II-TC-C/0  
Engine: 304 CID  
Transmission: 3-Speed Manual  
Exhaust Emissions Control Systems: Air Injection, Exhaust Gas  
Recirculation, Oxidation Catalyst

Models: Jeep

CJ-5  
CJ-7

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model 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>
II-TC-C/0	0.8	10	1.9

BE IT FURTHER RESOLVED: That this certification is contingent upon American Motors Corporation affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon American Motors Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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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 7<sup>th</sup> day of October, 1976.

*G. C. Hass by A. J. Orland*

G. C. Hass, Chief  
Division of Vehicle Emissions Control

Manufacturer American Motors Corp. Executive Order No. A-17-27 Page 1 of 1  
 Engine Family II-TC-C/O Engine (CID) 304 Engine Code DMC-3MT-1  
 Emission Control System AI, EGR, OC +10%(A/C) Yes  No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type EI, C, V, TCSA Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Backpressure Sensitive Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
CJ-7 Jeep CJ-5 Jeep	M/T3 (3.54 rear axle)	3,500	3228264, which is Prestolite IDJ-4001G  or 3231177 -----	Motorcraft 6DM2J	Rochester 17050471  I-30,000	(1) 5° + 2° BTDC @ 500 RPM with vacuum Disconnected (2) 100 RPM Lean Drop (3) 750 RPM + 100 RPM

Comments

Date of Issue October 1, 1976  
12 May, 1977, Running Change No. 77-16C

Abbreviations

- Distributor  
 C-Centrifugal Advance  
 -Vacuum Advance  
 VR-Vacuum Retard  
 HEI-High Energy Ignition  
 EI-Electronic Ignition  
Fuel System  
 EFI, FI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Exhaust Emission Control System

- AI-Air Injection  
 CAI-Catalyst Air Injection  
 EFI-Electronic Fuel Injection  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 EFE-Early Fuel Evaporation  
 ESAC-Electronic Spark Advance Control  
 FI-Fuel Injection

TCSA-Transmission Controlled Spark Advance

- OC-Oxidation Catalyst  
 PAI-Pulse Air Injection  
 RC-Reduction Catalyst  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst  
 λ-Air Fuel Ratio Sensor  
 \*Service  
 I-Inspect, repair/replace as needed