State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-46-1
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 1979 model-year gasoline-powered light-duty trucks.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
I-3TCB	258	Exhaust Gas Recirculation Oxication Catalyst Air Injection

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

This Executive Order supercedes Executive Order A-17-46 dated September 7, 1978.

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:

Engine Family	Inertia Weight Class	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
I-3TCB (Four Wheel Drive)	0-3999	0.32	5.5	1.4
I-3TCB (Two Wheel Drive)	0-3999	0.28	7.5	0.9

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.

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 13 day of November, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family I-3TCB Engine (CID) 258

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

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

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

Vehicle Model

CJ-5
CJ-7
DJ-5F

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1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

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Engine Family I-3TCB Engine (CID) 258 Engine Code See below

Emission Control System EGR,AI,OC,WOC + 10% (A/C) Yes ___ No X

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. Control Parameters: CA,VA,EI	Fuel System Type: 1-2V	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
KMC-3CT KMC-3CT-1	CJ-5 CJ-7	M-3 M-4	3000	Motorcraft D8FE-12127-EA AM Part No. SF3232434	Carter List 8188 AM Part No. SF3233779	G61363 AM Part No. 3230181	(1) 6±2° BTDC @ 700 RPM (N). Disconnect vacuum hose and plug. (2) 50 RPM lean drop. (3) 700±100 RPM (N)
KAC-3CT KAC-3CT-2	CJ-7	A-3			Carter List 8187 AM Part No. SF3233778	G70575 AM Part No. 3235450	(1) 4±2° BTDC @ 600 RPM (D) (2) & (3) See below
KAC-3CT-3	DJ-5F						(1) 8±2° BTDC @ 600 RPM (D) (2) 25 RPM lean drop. (3) 600±100 RPM (D) Solenoid energized Idle speed and mixture adjustments must be made with the engine at operating temperature and air cleaner in place

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.

Axle ratio is that of medium duty certification vehicle.

Date of Issue -

Deleted the auxiliary carburetor fuel bowl cooling system resulting in codes KMC-3CT-1, KAC-3CT-2 and KAC-3CT-3 per running change number 79-19.