

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.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
I-3TCB	258	Exhaust Gas Recirculation Oxidation 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:

<u>Engine Family</u>	<u>Inertia Weight Class</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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

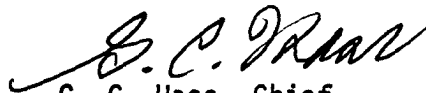
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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, Chief  
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corp. Executive Order No. A-17-46-1 Page 1

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

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

Manufacturer American Motors Corporation

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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-1  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.