

*EO. Board*

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-48  
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 passenger cars.

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

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

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>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
I-3C	0.27	1.8	1.4

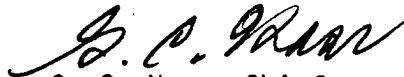
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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 30 day of October, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corp. Executive Order No. A-17-48 Page 1

Engine Family I-3C 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

Concord Sedan  
Concord Wagon  
Pacer Sedan  
Pacer Wagon  
Spirit Coupe  
Spirit Sedan

Passenger Cars     Light-Duty Trucks     Medium-Duty Vehicles

Manufacturer American Motors Corporation

Page 1A  
 Engine KMC-3N  
 Code KAC-3N

Engine Family I-3C    Engine (CID) 258

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

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 Mfgr. Part Number	EGR Valve	Tune-up Specification
KMC-3N	Concord Sedan Concord Wagon Pacer Sedan	M-4	3500	Motorcraft D8FE-12127-EA	Carter List No. 8188	G61353	(1) Basic Timing (2) Idle Mixture (3) Idle Speed
KMC-3N-1	Pacer Wagon Spirit Coupe				AM Part No. 3232434	AM Part No. SF-3233779	AM Part No. 3230176
	Spirit Sedan		3000		/		Note: make adjustments with engine at normal operating temperature, air cleaner on, air conditioning off.
KAC-3N-1	Concord Sedan Concord Wagon Pacer Sedan Pacer Wagon Spirit Coupe Spirit Sedan	A-3	3500	Motorcraft D8FE-12127-DA	Carter List No. 8187	G70433  AM Part No. 3234413	(1) 4+2° BTDC @ 600 RPM in drive. distributor vacuum off and plugged. (2) 25 RPM lean drop (3) 600 + 150 - 50 RPM in drive.  Note: make adjustments with engine at normal operating temperature, air cleaner on, air conditioning off.

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 - 11/28/78

deleted auxiliary carburetor fuel bowl cooling system per running change 79-20, resulting in codes KMC-3N-1 and KAC-3N-1.