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.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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

G. C. Hass, Chief
Vehicle Emissions Control Division

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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

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[x] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

Manufacturer American Motors Corporation

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Engine Family I-3C Engine (CID) 258 Engine Code ~~KMC-3N~~ KAC-3N

Emission Control System EGR, AI, OC, WOC + 10% (A/C) Yes x 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 (1) Basic Timing (2) Idle Mixture (3) Idle Speed
KMC-3N KMC-3N-1	Concord Sedan Concord Wagon Pacer Sedan Pacer Wagon Spirit Coupe	M-4	3500	Motorcraft D8FE-12127-EA AM Part No. 3232434	Carter List No. 8188 AM Part No. SF-3233779	G61353 AM Part No. 3230176	(1) 8±2° BTDC @ 700 RPM in neutral distributor vacuum off and plugged. (2) 50 RPM lean drop (3) 700±100 RPM in neutral.
	Spirit Sedan		3000				Note: make adjustments with engine at normal operating temperature, air cleaner on, air conditioning off.
KAC-3N KAC-3N-1	Concord Sedan Concord Wagon Pacer Sedan Pacer Wagon Spirit Coupe Spirit Sedan	A-3	3500	Motorcraft D8FE-12127-DA AM Part No. 3231915	Carter List No. 8187 AM Part No. SF-3233778	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.