State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-52
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 1980 model-year gasoline-powered passenger vehicles:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
CP-5N1	258	Air Injection Exhaust Gas Recirculation Oxidation Catalyst Three Way Catalyst with Closed Loop

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 1980 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
CP-5N1	0.23	8.6	0.7

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.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That American Motors Corporation has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 15th day of August, 1979.

K. D. Drachand, Acting Chief
Mobile Source Control Division

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Engine Family CP-5N1 Engine (CID) 258

Evaporative Family: E-2a

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

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

Exhaust Emissions Control System
AI-Air Injection
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst
PAI-Pulse Air Injection
TR-Thermal Reactor
TWC-Three Way Catalyst

Special Features
CCAV-Combustion Chamber Air Valve
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbo Charged

Vehicle Models

Concord 2 Dr. Sedan
Concord 4 Dr. Sedan
Concord Wagon
Spirit Sedan
Spirit Coupe

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(X) Passenger Cars ( ) Light-Duty Trucks ( ) Medium-Duty Vehicles (X) Gas ( ) Diesel

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Engine Family CP-5N1 CID-Type 258-L-6 Engine Code 1A3 (2) 5M1 & 5A1

ECS (Special Features) AI,EGR,OC,TWC,W/CL + 10% (A/C) Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident.
5M1	Spirit Sedan	M-4	3125	Motorcraft 3238428 (1)	Carter 8247 (1)	3230187/P (3)	323-8569
	Spirit Coupe		3250	A.M. Part No. 3238428 (1)	A.M. Part No. SF3235499(1)	A.M. Part No. 3230187 (3)	
	Concord 2 Dr. Sedan		3375				
	Concord 4 Dr. Sedan		3500				
	Concord Wagon						
5A1 1A3 (2)	Spirit Coupe	A-3	3250	Motorcraft 3235141	Carter 8216S	3230189/R (3)	323-8568
	Spirit Sedan						
	Concord 2 Dr. Sedan		3500	A.M. Part No. 3235141	A.M. Part No. SF3235497	A.M. Part No. 3230189 (3)	
	Concord 4 Dr. Sedan						
	Concord Wagon						

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.

Date of Issue -

(1) Part number corrections October 19, 1979.

(2) Added per running change 80-37.

(3) Part number corrections January 15, 1980.

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