State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-56
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 1981 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
BAM151V2FC1	151 (2.5)	Exhaust Gas Recirculation 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 1981 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
BAM151V2FC1	0.22	4.3	1.0

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 1981 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 July, 1980.

K. D. Drachand by RM

K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: American Motors Corporation

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Engine Family: BAM151V2FC1

Evaporative Family: E-3A

Engine CID (Liters): 151 (2.5)

ABBREVIATIONS

Ignition System

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

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DI-Diesel Injection
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Vehicle Models

Spirit Liftback
Spirit 2-door Sedan
Concord 2-door Sedan
Concord 4-door Sedan
Concord Wagon

E.C. Board

E.O. #A -17-56

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars ___ Light-Duty Trucks ___ Medium-Duty Vehicles X Gas ___ Diesel

Manufacturer American Motors Corporation Page 1A

Engine Family BAM151V2FC1 Engine Code 1M1 & 1A1 & 1A2

ECS (Special Features) EGR, TWC/CL CID (Liters)-Type 151 (2.5)-I4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System CA, VA, EI Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident. Part No
1M1	Spirit L/back Spirit Sedan Concord 2-door Concord 4-door Concord Wagon	M4	3000 2875 3250	AM Part No. 1110560 Part I.D. No. 1110560	AM Part No. 17081796 Part I.D. No. ES3239543	17056373 Part I.D. No. 56373	w/A/C 3240240 w/o A/C 3240241
1A1	Spirit L/back Spirit Sedan Concord 2-door Concord 4-door Concord Wagon	A3	3125 3000 3250		AM Part No. 17081797 Part I.D. No. ES3239544	17058454 Part I.D. No. 58454	w/A/C 3240242 w/o A/C 3240243
1A2(1)	Spirit L/back Spirit Sedan Concord 2-door Concord 4-door Concord Wagon		3125 3000 3250	AM Part No. 1111393			

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 and equipment.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - (1) Added per running change 81-CV151-6.

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