E. A. Brock

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-60
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 light-duty trucks.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
BAM151T2FC4	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	Vehicle Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
BAM151T2FC4	0-3999	0.24	6.7	1.1

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", amended June 26, 1980.

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 21st day of August, 1980.

K. D. Drachand by MW

K. D. Drachand, Chief
Mobile Source Control Division

E. o. Book

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corp. Executive Order No. A-17-60 Page 1

Engine Family BAM151T2FC4 Evaporative Family E-3A-T

ABBREVIATIONS Engine CID (Liters) 151 (2.5)

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

CJ-5
CJ-7
CJ-8
DJ5L
Eagle 2 Dr. Liftback (8153)
Eagle 2 Dr. Sedan (8136, 8156)
Eagle 4 Dr. Sedan (8135)
Eagle Wagon (8138)

E.O. #A-17-60

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer American Motors Corporation Page 1A

Engine Family BAM151T2FC4 Engine Code

ECS (Special Features) EGR, TWC/CL CID (Liters)-Type 151 (2.5) L-4

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	CJ-5 CJ-7 CJ-8	M4	3000 3000 3125	1110560	17081796 Part I.D. No. ES3239543	17056373	5362380
1A1	CJ-7 CJ-8	A3	3000 3125		17081797 Part I.D. No. ES2329544	17058454	5362392
1M2(1)	Eagle 2-Dr. Liftbk(8153) 2-Dr.Sedan(8136,8156) 4-Dr.Sedan (8135) Wagon (8138)	M4	3375 3500	1103468			3241321 W/AC 3241322 WO/AC
1A3(1)	Eagle 2-Dr.Liftbk(8153) 2-Dr.Sedan(8156)	A3	3500 3375	1111393			3241319 W/AC 3241320 WO/AC
1A3(2)	CJ-7 CJ-8		3375 3500				
1A4(3)	DJ5L		2500				See attachment 1B

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 - 8-18-80

(1) Added per running change 81-CT151-2.
(2) Added per running change 81-CT151-17.
(3) Added per addition of an engine 81-CT151-4.

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AM General Corporation **VEHICLE EMISSION CONTROL INFORMATION**

ENGINE FAMILY BAM 151 T2 FC4 (AUTO TRANS)

EVAPORATIVE EMISSION FAMILY: E-3A T

ENGINE 151 C.I.D. EMISSION CONTROL SYSTEM FFB + EGR + CAT

THIS VEHICLE CONFORMS TO U.S.E.P.A. AND STATE OF CALIFORNIA REGULATIONS APPLICABLE TO 1981 MODEL YEAR NEW MOTOR VEHICLES.

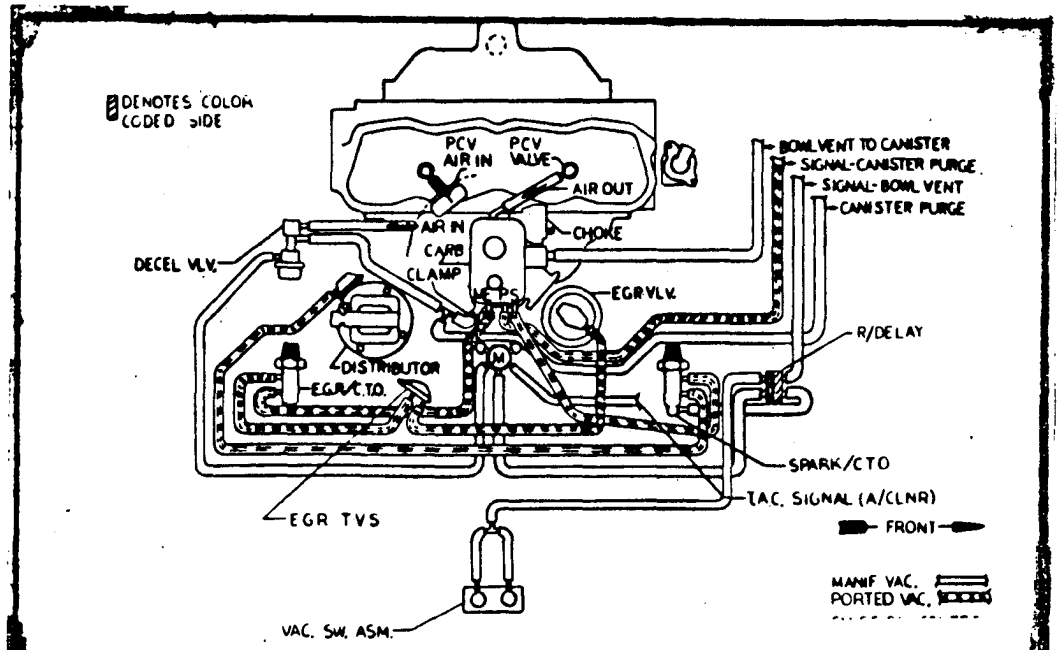
IMPORTANT: PROPER MAINTENANCE AND ADJUSTMENT ARE NECESSARY FOR CONTINUED EFFECTIVENESS. MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE (AIR CLEANER OFF).

IDLE SPEED 700 R P M (IN GEAR) + 100 R P M. HIGH IDLE SPEED 2600 R.P.M. (N) TOP STEP

IGNITION TIMING 10° B T D C + 2° @ IDLE SPEED (DISTRIBUTOR VACUUM LINE OFF & PLUGGED)

SPARK GAP .060

SEE OWNER OR SERVICE MANUAL FOR INSTRUCTIONS



VACUUM SCHEMATIC

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