State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-80
Relating to Certification of New Motor Vehicles

AMERICAN MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1985 model-year American Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
FAM1.4V5FFA2	85	(1.4)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Central Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.39	7.0	0.7

The following are the certification emission values for the above engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.20	2.3	0.4

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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".

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 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036) and Health and Safety Code Section 43204, provided, however, that jurisdiction is hereby reserved to modify these provisions to the extent made necessary by an EPA waiver decision, in order to assure that the listed vehicles comply with the minimum federal requirements applicable in California.

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 30th day of July, 1984.

K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corporation Executive Order No. A-17-80

Engine Family FAM 1.4 V5 FF A2 Evaporative Family FV-1.4D-1S

Engine CID (Liters) 85 (1.4)

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
- TOC - Trap Oxidizer Continual
- TOP - Trap Oxidizer Periodical
- TR - Thermal Reactor
- TWC - Three-Way Catalyst System

Fuel System

- CFI, CL, DID, DIP, EFI, MFI
- nV - nVenturi Carburetor
- VV - Variable Venturi

Special Features

- CCV - Combustion Chamber Valve
- CFI - Central Fuel Injection
- DID - Diesel Injection-Direct
- DIP - Diesel Injection-Prechamber
- EFI - Electronic Fuel Injection
- IC - Intercooler
- MFI - Mechanical Fuel Injection
- TC - Turbocharged

VEHICLE MODELS:

93 = Encore 3-Door
95 = Alliance 4-Door
96 = Alliance 2-Door
99 = Encore 5-Door

DRIVE SYSTEM: Front ENGINE/ Front -WHEEL DRIVE

E.O. #A-17-80

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars X Light-Duty Trucks___ Medium-Duty Vehicles___ Gas X Diesel___

Manufacturer American Motors Corporation Page 2

Engine Family FAM 1.4 V5 FF A2 Engine Code___

ECS (Special Features) CL+EGR+TWC (CFI) CID (Liter) Type 85(1.4)I4

Engine Code	Vehicle Models (If Coded See Attachment)(Hp)	Trans	Equiv. Test Weight	Ignition System ESAC Part No.	Fuel System CFI Part No.	EGR Valve Part No.	Label Ident. Part No.
1A1	95, 96	A3	2375	7700722503	8933002017	8933000855	TBD
1A1	93, 99	A3	2500				
1A2	93, 95, 96, 99	A3	2375				
5A1	95, 96	A3	2375	7700711886		8933000596	8933001817
5A1	93, 99	A3	2500				
5A2	93, 95, 96, 99	A3	2375				
5M1	93, 95, 96	M4	2375		8933002473	8933000855	
5M1	99	M4	2500				
5M2	93, 95, 96	M4	2250				
5M2	99	M4	2375				
5M3	93, 95, 96	M5	2375			8933000596	
5M3	99	M5	2500				
5M4	96	M5	2250				
5M4	93, 95, 99	M5	2375				

Comments:_____

(See Page 1 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. If two test weights are listed, the lower weight will be used for testing.)

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

Date of Issue: