State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-73
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 1984 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)
EAM1.4V5FFA1	85	(1.4)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic 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
0.30	2.7	0.6

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 the Executive Officer has been provided 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 29th day of June, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corporation

Executive Order No. A-17-73

Engine Family EAM 1.4 V5 FF A1

Evaporative Family EV-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
- 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
- MFI - Mechanical Fuel Injection
- TC - Turbocharged

VEHICLE MODELS:

Alliance	Encore
95 = 4-Dr Sedan	93 = 3-Dr Hatchback
96 = 2-Dr Sedan	99 = 5-Dr Hatchback

DRIVE SYSTEM: Front ENGINE/ Front -WHEEL DRIVE

E.O. No. A-17-73

1984 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 EAM 1.4 V5 FF A1 Engine Code --

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

Engine Code	Vehicle Models (If Coded See Attachment)	Trans	Equiv. Test Weight	Ignition System ESAC Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
5A1	95, 96	A3	2375	7700 711 886	8933001576	8933000596	8933002024
5A1	93, 99	A3	2500		8933001576		
5A2	93, 95, 96, 99	A3	2375		8933001576		
5M1	93, 95, 96	M4 M5	2375		8933001577		
5M1	99	M4 M5	2500		8933001577		
5M2	99	M4	2375		8933001577		
5M2	93, 95, 96	M4	2250		8933001577		
5M2	93, 95, 96, 99	M5	2375		8933001577		
5M4	99	M4	2375		8933001577	8933000855	
5M4	93, 95, 96	M4	2250		8933001577	8933000855	
1A1	95, 96	A3	2375		8933002014	8933000596	8933002364
1A1	93, 99	A3	2500		8933002014	8933000596	8933002364
1A2	93, 95, 96, 99	A3	2375		8933002014	8933000596	8933002364

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: RC #84CV1.4-05