State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-82
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 light-duty trucks:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
FAM173T2F4C3	173	(2.8)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

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":

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.39	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.19	3.4	0.9

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 1982.

K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corporation

Executive Order No. A-17-82

Engine Family FAM 173 T2 F4 C3

Evaporative Family FT-173E-4S

Engine CID (Liters) 173 (2.8)

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:

75 = Wagoneer 4WD
77 = Cherokee 2-Dr 4WD
78 = Cherokee 4-Dr 4WD
73 = Cherokee 2-Dr 2WD
74 = Cherokee 4-Dr 2WD

DRIVE SYSTEM: Front ENGINE/ Front & Rear -WHEEL DRIVE

E.O. #A-17-82

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars___ Light-Duty Trucks X Medium-Duty Vehicles___ Gas X Diesel___

Manufacturer American Motors Corporation Page 2

Engine Family FAM 173 T2 F4 C3 Engine Code___

ECS (Special Features) CL+EGR+AIP+TWC (None) CID (Liter) Type 173 (2.8) V6

Engine Code	Vehicle Models (If Coded See Attachment)(Hp)	Trans	Equiv. Test Weight	Ignition System ESAC Part No.	Fuel System CL 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1A1	75, 77, 78	A3-L	3500	8933002019 (16027791)	8933001893 (17085388)	8933002105 (17082733)	8953001815
1A2	77	A3-L	3375				
1A2	75, 78	A3-L	3500				
1M1	77, 74	M5	3375	8953002775 (16036471)	8953002751 (17085006)	8933001636 (17082734)	8953002690
1M1	75, 78	M5	3500				
1M2	77	M5	3375				
1M2	75, 78	M5	3500				
1A1	74	A3-L	3375	8933002019 (16027791)	8933001893 (17085388)	8933002105 (17082733)	8953001815
1A1	73	A3-L	3250				
1A2	73, 74	A3-L	3250				
1M1	73	M5	3250	8953002775 (16036471)	8953002751 (17085006)	8933001636 (17082734)	8953002690
1M2	73, 74	M5	3250				

Comments: 1M1 & 1M2 Engine Codes introduced under running change 85CT173-05
Models 73 & 74 introduced under running change 85CT173-10.

(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:

E.O. #A-17-82

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars___ Light-Duty Trucks X Medium-Duty Vehicles___ Gas X Diesel_____

Manufacturer American Motors Corporation Page 2.1

Engine Family FAM 173 T2 F4 C3 Engine Code_____

ECS (Special Features) CL+EGR+AIP+TWC (None) CID (Liter) Type 173 (2.8) V6

Engine Code	Vehicle Models (If Coded See Attachment)(Hp)	Trans	Equiv. Test Weight	Ignition System ESAC Part No.	Fuel System CL 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1A3	73	A3-L	3250	8953002655 (16036481)	8953002231 (17085388)	8933002105 (17082733)	8953001815
1A3	74	A3-L	3375				
1A4	77	A3-L	3375				
1A4	75, 78	A3-L	3500				
1A4	73, 74	A3-L	3250				
1M3	73	M5	3250	8953002775 (16036471)	8953002751 (17085006)	8953004277 (17085070)	9853002690
1M3	77, 74		3375				
1M3	75, 78		3500				
1M4	73, 74		3250				
1M4	77		3375				
1M4	75, 78		3500				

Comments: Page and codes added under Running Change 85CT173-17.
1M3 and 1M4 codes added under Running Change 85CT173-20.

(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: