State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-104
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 1988 model-year American Motors Corporation emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Liters (Cubic Inches)	Exhaust Emission Control Systems (Special Features)
JAM3.0V5LYEX	3.0 (182)	Exhaust Gas Recirculation Heated Oxygen Sensor Three-Way Catalyst (Electronic Port Fuel Injection)

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

The following are the emission standards for this engine family:

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 this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.21	1.2	0.3

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for 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 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s] ..." (Title 13, California Administrative Code, Section 1968) for the aforementioned model year.

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 2035 et seq.).

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 11th day of August, 1987.

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-17-104

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corporation

Engine Family JAM 3.0 V5 LY EX

Evaporative Family JV-3.0J-1P

Engine Type V6

Engine Liters (CID) 3.0 (182)

ABBREVIATIONS:

Ignition System

- CA - Centrifugal Advance
- ECU - Electronic Control Unit
- EI - Electronic Ignition
- ESAC - Electronic Spark Advance Control
- VA - Vacuum Advance
- VR - Vacuum Retard

Fuel System

- CFI, CL, DID, DIP, EFI, MFI
- nV - nVenturi Carburetor

Exhaust Emissions Control System

- AIP - Air Injection-Pump
- AIV - Air Injection-Valve
- DBC - Dual Bed Catalyst
- EGR - Exhaust Gas Recirculation
- EIC - Electronic Injection Control
- EM - Engine Modification
- OC - Oxidation Catalyst
- OS - Oxygen Sensor
- HOS - Heated Oxygen Sensor
- SPL - Smoke Puff Limiter or Throttle Delay
- TOC - Trap Oxidizer, Continual
- TOP - Trap Oxidizer, Periodical
- TWC - Three-Way Catalyst
- WUOC - Warm-Up Oxidation Catalyst
- WUTWC- Warm-Up Three-Way Catalyst

VEHICLE MODELS:

55 = Premier 4-Door Sedan

Special Features

- CCV - Combustion Chamber Valve
- CFI - Central Fuel Injection
- DID - Diesel Injection-Direct
- DIP - Diesel Injection-Prechamber
- EFI - Electronic Fuel Injection
- IC - Intercooler or Aftercooler
- MFI - Mechanical Fuel Injection
- OBD - On-Board Diagnostics
- TC - Turbocharged

ENGINE: FRONT X MID ____ REAR ____

DRIVE: FWD X RWD ____ 4WD FULL TIME ____ 4WD PART TIME ____

*ECU P/N APPLIES TO BOTH ENGINE CODES

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1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer American Motors Corporation Engine Family JAM3.0V5LYEX

Liter (CID) 182 (3.0) Engine Type V6

Emission Control System
(Special Features) EGR + HOS + TWC (EFI)

Engine Code	Vehicle Models (If Coded See Attachment)(Hp)	Trans Type	Equiv. Test Weight	Ign. System/ECU ECU, ESAC Part No.	Fuel System CL, EFI Part No.	EGR Valve Part No.	Catalyst Part No.
5A1	55	A4	3250	*8933004582	280.150.126	8933004082	25104419 25101460 949932
5A2	55		3250	* 5234321			
				**5234633			
				+5234641			
				++4605001			
				+++5234751			
				+++5234642			

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.)

Date of Issue: _____

++REVISED 06-19-89: FF30. SERVICE REPLACEMENT ECU.

+++REVISED 11-27-89: FF34. SERVICE REPLACEMENT ECU.

Revisions: 6-13-88: FIELD FIX 16. PARTS CONSOLIDATION.

**9-08-88: FIELD FIX 24. PARTS CONSOLIDATION.

+9-19-88: Field Fix 25. Release for Service a New ECU for Improved FM Radio Reception.

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1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

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5A1	55	A4	3250	8933004582	280.150.126	8933004082	25104419 25101460 949932
5A2	55		3250				
5A3	55		3250	8933004641			
5A4	55		3250				
5A5	55		3250	8933004686			
5A6	55		3250				

Comments: Codes 5A3 and 5A4 added by Running Change 88BV3.0-01. Codes 5A5 and 5A6 added by Running Change 88BV3.0-02.

(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.)

Date of Issue: _____ Revisions:

Engine Family: JAM 3.0 V5 LY EX

1988 VEHICLE WEIGHTS AND ROADLOAD HORSEPOWER

APRIL 29, 1987

VEHWT3.0						TIRES SHOWN Standard tire listed 1st Optional tires also listed				ROADLOAD HORSEPOWER & COASTDOWN TIMES			
							PRESSURE			A/C		NON A/C	
VEHICLE	TOTAL WT.	AXLE WT.	TEST WT.	ENG	TRANS	SIZE MODEL	FR	RR	(%) USAGE	(SEC.)	HP.	(SEC.)	HP.
PREMIER 55 4-DOOR	3083	1953	3250	3.0L	A4	P185/75R14 XA4	30	30	10%	16.36	6.2		
						P185/75R14 INVECTA			5%	16.81	6.3		
						P195/70R14 XA4			55%	17.25	5.9		
						P195/70R14 INVECTA			5%	16.54	6.3		
						P205/70R14 GT4			20%	15.29	5.2		
						P205/70R14 EPX			5%	15.39	5.1		
	2963	1987				P185/75R14 XA4	30	30	10%			17.24	5.6
						P185/75R14 INVECTA			5%			17.71	5.7
						P195/70R14 XA4			55%			18.87	5.4
						P195/70R14 INVECTA			5%			17.45	5.7
						P205/70R14 GT4			20%			15.93	4.7
						P205/70R14 EPX			5%			16.84	4.6