State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-99
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 exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Liters (Cubic Inches)	Exhaust Emission Control Systems (Special Features)
JAM258T2HEA6	4.2 (258)	Air Injection-Valve Dual Bed Catalyst Exhaust Gas Recirculation Oxygen Sensor

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

The following are the emission standards for this engine family:

Loaded Vehicle Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0-3750	0.39	9.0	1.0
3751-5750	0.50	9.0	1.0

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

Loaded Vehicle Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3750	0.19	3.1	0.7
3751-5750	0.27	3.3	0.8

BE IT FURTHER RESOLVED: That the listed models in the 0-3750 loaded vehicle weight class 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 listed vehicle models 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 24th day of March, 1987.

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-17-99

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corporation

Engine Family JAM 258 T2 HE A6

Evaporative Family JT-258B-1P & JT-258B-1S

Engine Type I-6

Engine Liters (CID) 4.2 (258)

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:

- 26 = Pickup Truck 4WD
- 38 = Eagle Wagon 4WD
- 81 = Wrangler

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

ISSUED: 032787

ENGINE: FRONT X MID ____ REAR ____

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

E.O. # A-17-99

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer American Motors Corporation Engine Family JAM 258 T2 HE A6

Liter (CID) 4.2 (258) Engine Type I-6

Emission Control System
(Special Features) AIV + DBC + EGR + OS (None)

Engine Code	Vehicle Models (If Coded See Attachment)(Hp)	Trans Type	Equiv. Test Weight	Ign. System/ECU CA, VA Part No.	Fuel System CL, 2V Part No.	EGR Valve Part No.	Catalyst Part No.
1A1	81	A3	3625	8933002353 TAA	8933001707 ID. 8383	8933004383	8953001628 ID25056383
1A3	38		3875			8933000828 ID17083795	8933000626 ID25056388
1M1	81	M5	3625		8933001708 ID. 8384	8933004383	8953001628 ID25056383
1M2	26	M4	4250			8933001951 ID17084835	5370123 ID25056389

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: 032787 Revisions:

Engine Family: JAM 258 T2 HE A6

1988 VEHICLE WEIGHTS AND ROADLOAD HORSEPOWER

MARCH 10, 1987

VEHICLE	VEHWT258 TOTAL WT.	AXLE WT.	TEST WT.	ENG	TRANS	TIRES SHOWN Standard tire listed 1st Optional tires also listed: SIZE MODEL	PRESSURE FR	PRESSURE RR	(%) USAGE	ROADLOAD HORSEPOWER & COASTDOWN TIMES: A/C (SEC.)	A/C HP.	NON A/C (SEC.)	NON A/C HP.
J-10 TRUCK MODEL 26	4001	1658	4250	258	M4	P225/75R15 ARRIVA	28	28	65%	11.75	16.5		
						P235/75R15 WRANGLER			35%	11.67	17.2		
	3950	1656				P225/75R15 ARRIVA	28	28	70%			12.52	15.1
						P235/75R15 WRANGLER			30%			12.42	15.8
YJ MODEL 81	3307-S	1595	3625	258	M5	P215/75R15 WRANGLER	30	30	45%	10.35	15.6		
	3335-P	1627				P215/75R15 XMS1			30%	10.03	15.4		
						P225/75R15 WRANGLER			25%	10.40	15.5		
	3282-P	1623				P215/75R15 WRANGLER	30	30	50%			11.03	14.2
						P215/75R15 XMS1			30%			10.74	14.0
						P225/75R15 WRANGLER			20%			11.11	14.1
	3254-S	1591	3500			P215/75R15 WRANGLER	30	30	50%			10.45	14.5
						P215/75R15 XMS1			30%			10.10	14.3
						P225/75R15 WRANGLER			20%			10.47	14.4
	3323-S	1601	3625	258	A3	P215/75R15 WRANGLER	30	30	45%	9.97	16.3		
	3351-P	1633				P215/75R15 XMS1			30%	9.62	15.8		
						P225/75R15 WRANGLER			25%	9.90	16.2		
	3266-S	1595				P215/75R15 WRANGLER	30	30	50%			10.40	14.9
	3294-P	1627				P215/75R15 XMS1			30%			10.05	14.7
						P225/75R15 WRANGLER			20%			10.48	14.8
EAGLE 4WD WAGON MODEL 38	3517	1490	3875	258	A3	P195/75R15 ARRIVA	30	30	100%	12.95	13.1	13.69	11.9
	3467	1493	3750			P195/75R15 ARRIVA	30	30	100%			14.15	12.0

S=STEEL FUEL TANK
P=PLASTIC FUEL TANK

ISSUED: 132787