State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-97
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)
JAM360T2HLE6	5.9 (360)	Air Injection - Pump Exhaust Gas Recirculation Dual Bed Catalyst (No 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
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
3751-5750	0.32	6.9	0.9

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 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 2nd day of February, 1987.

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-17-97

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corporation

Engine Family JAM 360 T2 HL E6

Evaporative Family JT-360A-1P

Engine Type V8

Engine Liters (CID) 5.9 (360)

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 Ignition 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:

15 - Grand Wagoneer 4WD
26 - J10 Pickup 4WD

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 ____ RWD X 4WD FULL TIME ____ 4WD PART TIME X

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E.O. #A -17-97

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 JAM360T2HLE6

Liter (CID) 5.9 (360) Engine Type V8

Emission Control System (Special Features) EGR + AIP + ~~TWC~~ DBC (None)

Engine Code	Vehicle Models (If Coded See Attachment)(Hp)	Trans Type	Equiv. Test Weight	Ign. System/ECU CA, VA Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Catalyst Part No.
1A2	15	A3	4750	3233174 Yellow	8953002537 5RHA2	3240102 17075667	5370145 25056659
	26		4500				

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: 020287 Revisions:

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Engine Family: JAM 360 T2 HL E6

1988 VEHICLE WEIGHTS AND ROADLOAD HORSEPOWER

JANUARY 21, 1987

VEHICLE	VEHWT360 TOTAL WT.	AXLE WT.	TEST WT.	ENG	TRANS	TIRES SHOWN Standard tire listed 1st Optional tires also listed SIZE MODEL	PRESSURE FR	RR	(%) USAGE	ROADLOAD HORSEPOWER & COASTDOWN TIMES A/C (SEC.)	A/C HP.	NON A/C (SEC.)	NON A/C HP.
GRAND WAGONEER MODEL 15	4539	2020	4750	360	A3 NL	P225/75R15 ARRIVA	28	28	55%	13.72	14.8		
						P235/75R15 XA4-SLNT			45%	13.08	15.4		
	4482	2017				P225/75R15 ARRIVA	28	28	90%			15.06	13.5
						P235/75R15 XA4-SLNT			10%			14.12	14.0
J-10 TRUCK MODEL 26	4282	1699	4500	360	A3 PT	P225/75R15 ARRIVA	28	28	75%	11.78	16.8		
						P235/75R15 WRANGLER			25%	12.14	17.6		
	4219	1691				P225/75R15 ARRIVA	28	28	80%			12.59	15.4
						P235/75R15 WRANGLER			20%			12.87	16.2

ISSUED: 020287

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