State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-84
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 1986 model-year American Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered ligh-duty trucks:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
GAM258T2HEA1	258	(4.2)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions and engine codes are listed on attachments.

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

The following are the emission standards for this engine family:

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
4000-5999	0.50	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.33	3.3	0.8
4000-5999	0.34	5.7	0.9

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia 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 1981 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.) and Health and Safety Code Section 43204, provided, however, that for listed vehicles in the 0-3999 equivalent interia weight class, 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 6th day of March, 1985.

K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer American Motors Corporation

Executive Order No. A-17-84 GT-258B-1P

Engine Family GAM 258 T2 HE A1

Evaporative Family GT-258B-1S

Engine CID (Liters) 258 (4.2)

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:

15 = Grand Wagoneer 4WD	87 = CJ7 4WD
26 = Pickup Truck 4WD	35 = Eagle Sedan 4WD
38 = Eagle Wagon 4WD	38 = Eagle Wagon 4WD

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

E.O. #A-17-84

1986 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 GAM 258 T2 HE A1 Engine Code___

ECS (Special Features) CL+EGR+AIV+TWC (None) CID (Liter) Type 258 (4.2) I6

Engine Code	Vehicle Models (If Coded See Attachment)(Hp)	Trans	Equiv. Test Weight	Ignition System CA, VA Part No.	Fuel System CL, 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1M2	15, 26	M4	4250	8933002353	8933001708	8933001951	8953002618
1A2	26	A3	4250		8933001707	8933000889	8953004425 8953002617
1A2	15	A3	4500				
1A3	38	A3	3875			8933000828	8933002643

Comments: R/C 86CT258-02 adds new label part number citing MDV.

(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-17-84

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer American Motors Corporation Page 2A

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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.)

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Date of Issue:

ENGINE FAMILY: GAM 258T2 HEA1

1986 VEHICLE WEIGHTS AND ROADLOAD HORSEPOWER

FEBRUARY 5, 1985

VEHWT250							FRONTAL AREA HORSEPOWER				TIRES SHOWN			ROADLOAD HP.			
							BIAS TIRE		RADIAL TIRE		Standard tire listed 1st			k			
											Optional tires also listed			COASTDOWN TIMES			
	TOTAL WT.	AXLE WT.	TEST WT.	D(+/-)	ENG	TRAN	A/C	NON A/C	A/C	NON A/C	SIZE/MODEL	PRESSURE FR	PRESSURE RR	(sec)	AC Hp	(sec)	Hp wo AC
EAGLE 4WD 4-DOOR (35)	'3395'	1455	3750	+9	258	M5 FT					P195/75R15 VIVA	29	29	13.19	12.6	14.86	11.5
	[(3446)]	1453		-67							P195/75R15 ARRIVA			13.30	12.0	14.23	11.6
											P215/65R15 G.T.			12.10	13.4	12.94	12.2
	'3419'	1462	3750	+32	258	A3 FT					P195/75R15 VIVA	29	29	13.27	12.7	14.10	11.6
	[(3470)]	1460		-43							P195/75R15 ARRIVA			12.79	12.5	13.60	11.4
											P215/65R15 G.T.			11.84	13.6	12.65	12.4
EAGLE 4WD WAGON (38)	'3438'	1502	3750	-75	258	M5 FT					P195/75R15 VIVA	30	30	12.83	13.5	13.75	12.3
	[(3409)]	1500		-24							P195/75R15 ARRIVA			13.17	13.2	14.15	12.0
											P215/65R15 G.T.			11.84	14.0	12.75	12.7
	'3466'	1509	3750	-47	258	A3 FT					P195/75R15 VIVA	30	30	12.83	13.5	13.75	12.3
											P195/75R15 ARRIVA			13.17	13.2	14.15	12.0
											P215/65R15 G.T.			11.84	14.0	12.75	12.7
	[(3517)]	1507	3875	+ 5							P195/75R15 VIVA			12.93	13.3	13.84	12.1
											P195/75R15 ARRIVA			12.95	13.1	13.89	11.9
											P215/65R15 G.T.			11.70	14.2	12.40	12.9
CJ-7 MODEL 87	3211	1717	3500	-52	258	M4 WG		16.0		16.0	\1						
	3222	1721		-41		M4 TR		16.0		16.0	\2						
	3216	1719		-47		M5 WG		16.0		16.0	\3						
	3232	1726		-31		A3 99		16.0		16.0	\4						
SCRAMBLER MODEL 88	3199	1564	3500	+62	258	M4 WG		16.0		16.0	\1						
	3210	1569		+73		M4 TR		16.0		16.0	\2						
	3204	1566		+67		M5 WG		16.0		16.0	\3						
	3230	1579		-33		A3 99		16.0		16.0	\4						
GRAND WAGONEER	4183	1950	4500	+180	258	A3 NL					\P225/75R15 ARRIVA	28	28	13.63	14.6	14.54	13.3
											\2P235/75R15 VECTOR			12.37	15.4	12.96	14.0
J-10 TRUCK MODEL 26	3910	1577	4250	+85	258	M4 PT					\P225/75R15 ARRIVA	28	28	11.75	16.5	12.52	15.1
											\2P235/75R15 WRANGLER			11.67	17.2	12.42	15.8
											\3P235/75R15 VECTOR			11.51	16.9	12.28	15.5
	3937	1597	4250	+112	258	A3 PT					\1P225/75R15 ARRIVA	28	28	11.15	16.7	11.92	15.3
	3973	1610		+148		A3 FT					\2P235/75R15 WRANGLER			11.50	17.4	12.29	16.0
											\3P235/75R15 VECTOR			10.60	18.0	11.28	16.6