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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-72 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 1984 model-year American Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
EAM1.4V5FJD5	85 (1.4)	Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)

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":

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
0.39	7.0	0.7

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
0.23	3.5	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 1960.15 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 the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

_day of June, 1983.

K. D. Drachand, Chief Mobile Source Control Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer	American Motors Corpor	ation	Executive Or	der No. <u>A-</u>	17-72
Engine Family_	EAM 1.4 V5 FJ D5		Evaporative	Family <u>EV-</u>	1.4D-2S
· · · · · · · · · · · · · · · · · · ·			Engine CID (1	Liters) <u>85</u>	(1.4)
ABBREVIATIONS:					
EEC - Electr EI - Electr ESAC - Electr	fugal Advance conic Engine Control conic Ignition conic Spark Advance Cont n Advance	trol	AIP - Ai AIV - Ai CL - Cl EGR - Ex EM - En OC - Ox TR - Th	r Injection- r Injection- osed Loop haust Gas Re gine Modific idation Cata ermal Reacto	-Valve ecirculation cation alyst System
Fuel System CFI, CL, DID, nV - nVentu	, DIP, EFI, MFI uri Carburetor ole Venturi		CFI - Ce DID - Di DIP - Di EFI - EI MFI - Me	mbustion Chantral Fuel esel Inject esel Inject ectronic Fue	Injection
	4-Door Sedan E 2-Door Sedan		3-Door Hatch 5-Door Hatch		
	À				
DRIVE SYSTEM:	Front		ENGINE/	Front	WHEEL DRIVE

E.O.	No.	A-17-72	
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1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars_X_ Light-Duty Trucks Medium-Duty Vel	hiclesGas_X_Diesel
Manufacturer American Motors Corporation	Page 2
Engine Family EAM 1.4 V5 FJ D5	Engine Code
ECS (Special Features) CL, TWC (EFI) C	ID (Liter) Type 85(1.4)14
incl (1) coded occ ii diist iese	System EGR Valve Label EFI Ident. rt No. Part No. Part No.

 Engine Code	Vehicle Models (If Coded See Attachment)	 Trans	Equiv. Test Weight		em	EF	-I	EGR Valve Part No.	Ident.
1A1	93, 95, 99	A3	2500	7700 708 688			723 329		8933 002 026
	96	A3	2375						
1A2	93, 95, 96	A3	2375		 -				
	99	A3	2500					<u> </u>	
ואו	93, 95, 96	 M4	2375		-				
, 	99	M4	2500		-	41-2-11		!	
	95, 96	M5	2375		<u> </u>	· · · · · · · · · · · · · · · · · · ·			
	93, 99	M5	2500			·•			
1M2	93, 95, 99	M4	2375	[_	·			
	96	M4.	2250		-				
	93, 95, 96, 99	M5	2375		-] 	
			 		-			!	

Comments:	<u></u>	·	 -	
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Note: Add 10% to dyno test HP for air conditioning usage.

Date of Issue:

⁽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.)

STAFF USE ONLY 1984 MODEL YEAR CERTIFICATION REVIEW SHEET EXHAUST/EVAPORATIVE SYSTEM AND FILL PIPE SPECIFICATION COMPLIANCE

	Manufactu	irer Ame	ON_	Engine Family EAM 1.4 VS FJDS						D5_				
	P/C <u>X</u> LE	OTMDV	/ Ga	as_ X _ [Diesel_	LPG		Eng. Co	ode:	Calif	<u>. x</u>	495_	5	os
	CID <u>85</u>	Liters_	<u>(.4</u> F	Rated H	1P <u>5</u> E	<u>3</u>	-200 RP	M Rate	ed Tor	que _	75	_ 0 _	250	RPM
	Type Cert	:.: 50K_	X _ 100)K	Evap	oorative	e Family	EV-1.	4D-2	\$	E	ngine	Тур	e <u> 14</u>
	Exhaust Control System (Special Features) CL, TWC (EFI)													
	1 Authori 2 Fuel, 1 Procedu 3 Warrant Parts L 4 Maint: 5 Tune-Up Hose Di 6 Evap. (Fest Equi ures and ty Statem ist Cert/Red Labels/ iag.	ipment, Route ment ar q'd/Red 'Vacuum	nd j cm'd j n	Sections 17.02.0 Eng. Fan Eng. Fan	03,04 00.00 1, Fq. 1706	05 12 05 12	Zero Vehi	Descri Veh. 1 MY or Mile cle Lo cle Lo cr. Eva	iption Info. C/A E Books Ogs and	を記している。	g.Fam. g.Fam. Dur. C/O sched r Exe der.	<u>کو</u> . (2 خ سنا	MIS. O EULP. A ROLLEST
	7 Engine	Paramete	ers	Ī	Eng. Fam	A 100	2-1		cedure			02.00	0,00	-1
	8 Fuel/Ig 9 Exhaust					.A. 100 .Pg. 100								
	STATEMENTS: 1 Gen. Std., Incr. in Em., Safety, Mtg All Req'ments 2 Prod. Veh. Same as Test Veh. 3 Suitability for 91 RON Fuel 4 Label Durability 5 Driveability 6 Fill Pipe Access Zone 7 Fill Pipe Performance 17.04.01.00-1 7 Fill Pipe Performance 18 Prem. Unleaded Fuel 17.02-1													
	 Veh. ID D39-38E	V F . /	Trans	Axle Ratio	ETW 2375	RLHP	MPG City/Hw 29. 0/36		NM	2.4	N0x	Hwy 5 NOx E	OK vap	50K Part NA
(2)		IMI (85)	M5	3.87	2375	7.2	339/47. 	6 EPA	0.18	(3.5) -	0.29	0.04 N	1.3	<u>N/A</u>
-	(1) The emis. data vehicle(s) above comply with stds of 0.39 7.0 0.7 0.93 2.0 N/A and includes deterioration factors of 1.387 1.245 1.404 1.404 0.0 N/A Evaporative DF is the average of Vehicle DF None and Bench DF -0.09. (2) Remarks: Vehicle \$P39-63B is Carryover from 1983 Model year for Eusporative													
	Remarks:	Vehicle:	5439-6	933 K	Carr	Hover t	10M 199	13 Mod	er des	<u>я то</u>	<u>- 2</u>	or L	Tive	2 24
	Applicat	4K tes	T resu	113 0	aly (83 Eugl	ua/Eva	D. TOM	W DAI	<u>1η1,4Υ</u>	5 KG	<u> บ5/ป</u>	V-1.4	<u>'ひ'なち</u>)
/	Applicat [*] Processed 112382	d By	ewto		Date 6	15/83	_ Review	red By <u>(</u>	7< }	icm	my	Date_	33	526/3