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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-292-29-1 Relating to Certification of New Motor Vehicles

MITSUBISHI MOTOR MANUFACTURING OF AMERICA, INC.

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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1996 model-year Mitsubishi Motor Manufacturing of America, Inc. exhaust emission control systems are certified as described below for passenger cars:

Fuel_Type: Gasoline

Engine Family: TDS2.5VJGFEK Displacement: 2.5 Liters (152.4 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation Dual Heated Oxygen Sensors (two) Dual Warm-Up Three Way Catalytic Converters Three Way Catalytic Converter Sequential Multiport Fuel Injection

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

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	<u>Monoxide (20⁰F)</u>
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

The certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>		<u>Monoxide (20⁰F)</u>
50,000	0.13	0.5	0.1	6.8
100,000	0.14		0.1	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles". MITSUBISHI MOTOR MANUFACTURING OF AMERICA, INC.

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BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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 Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 provisions (Title 13, California Code of Regulations, Section 2035 et seq.). MITSUBISHI MOTOR MANUFACTURING OF AMERICA, INC.

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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 $21^{5^{T}}$ day of December 1995.

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R) B. Summerfield Assistant Division Chief Mobile Source Division

E.O. # A-292-29-1

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1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MIDIUM DUTY TRUCKS

Manufacturer: <u>Manufacturer</u>	Mitsubishi Motor Man of America, Inc.	<u>ufacturinq</u>		Exh E Evap	ngine F Engine	Family: Family:	TDS2.5VJGFE	<u>(2.5B-S)</u> H
	es in Engine Fami							
	er-l <u>X</u> TLEV							1
	X Useful Life							
	PC X LDT1							
	d for Multi-Class							
Fuel Type(s): I	Dedicated <u>X</u> Flo	ex-Fuel	Du	al-Fuel	В	i-Fuel_	Gasolin	e_X_
I	DieselCNG	LNG	LP	3 :	M85	Other	(specify)	
Emis Test Fuel	: Indo X Ph2	CNG	LP	3	M85	Other	(specify)	
	Diesel: 13 CCR	2282	40CFR	86.113	-90	40CFR	86.113-94	
Service Accum:	Std AMA Mod	AMA	Mir A	DP	Other	(specif	<u>y)AMA4 (SEC</u>	<u>20.07)</u>
NMOG Test Proc	: N/A <u>X</u> Std	Equiv_		R/L T	est Pro	oc: SH	ED <u>X</u> Pt So	urce
Hybrid: Type A	BC,	APU C	ycle (e.g., O	tto, Di	iesel, T	'urbine)	
Engine Configu	ration: <u>V6</u> inder: <u>4</u>	Displ	acemen	t: 2.5	Liters	152.	4 Cubic Inch	es
Values per Cyl.	inder: 4_	Rated	HP: 1	55 @ 55	00 RPM			
Engine: Front	<u>X Mid</u> Rear_	Drive	: FWD	X	RWD		4WD-FT	4WD-PT
	g., EGR, MFI, TC,							
· · · ·							930 SEP91)	
		•			F			
Engine Code	Vehicle Models	Trans.	ETW	DPA	Ignit	ion	EGR	Catalytic
	(if coded see							
an trans	· · · · · · · · · · · · · · · · · · ·		1				· · · ·	

(also list CA/49ST/50ST)	(if coded see attachment)	Type *1		or RLHP	(ECM/PCM) Part No.	System Part No.	Converter Part No.
ABA (50S)	Mitsubishi Galant	L4	3375	6.5	Distributor: MD314904 (T5T57171)	EGR Valve: M04287793 M04669373	Front: MR212670 MR212275
			3500		ECM: 4606148 or 4606169	Solenoid: M04669487	Rear: MB925081 XR239757

*1: L-4 speed ELC Automatic transmission with lock-up

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Revised: 6-21-95, 7-13-95, 8-4-95, 8-21-95, 10-4-95 \$