

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-43 REFERRING TO 15-10-1  
Relating to Certification of New Motor Vehicles

MITSUBISHI 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 Mitsubishi Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
EMT1.6V2FCA5	97.5 (1.6)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Combustion Chamber Valve)

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":

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	0.7

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.22	2.1	0.5

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 5<sup>th</sup> day of August, 1983.



K. D. Drachand, Chief  
Mobile Source Control Division

17.16.03.00 1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETManufacturer Mitsubishi Motors Corp. Executive Order No. \_\_\_\_\_Engine Family EMT1.6V2FCA5 Evaporative Family EMT1.6CPassenger Cars X Light-Duty Trucks \_\_\_\_\_ Medium-Duty Vehicles \_\_\_\_\_Gas X Diesel \_\_\_\_\_Engine CID (liter) - Type 97.5 (1.6) - L4ECS (Special Features) EGR, AIV, CL, TWC (CCV)

Add 10% to dyno test HP for air conditioning usage. \_\_\_\_\_

Drive System Front engine / Front drive

Engine Code	Vehicle Model (If Coded see attachment)	Trans.	ETW	Ign. System CA, EI, VA Part No.	Fuel System CL, 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
CA	Dodge Colt	A3	2250	Distributor	28-32 DID	K5T53673	VECI
ACA	Plymouth Colt		2375	T3T61872	TP-402		MD075191
							Vac Hose MD075228

Issued : 6-30-83

Revised:

E.O. No. A-86-43

1984 MODEL-YEAR CERTIFICATION REVIEW SHEET  
EXHAUST/EVAPORATIVE SYSTEM & FILL SPECIFICATION COMPLIANCE

Mfrgr. Mitsubishi Motors Corp. Engine Family EMT1.6V2FCAS  
 PC X LDT     MDV     Gas X Diesel     LPG     Engine Code - CA 4.3 49S     50S      
 CID 97.5 Liters 1.6 Rated HP 72 @ 5000 RPM Rated Torque 85 @ 3000 RPM  
 Type Cert - 50K X 100K     Evaporative Family EMT1.6C Eng. Type I4

Exhaust Control Sys. and (Special Features) EGR+AIV+CL+TWC+CCV

1 Authorized Representative	<u>\$01</u>	10 Projected Sales	<u>\$17.19, 20.05</u>
2 Fuel, Test Equipment Procedures & Route	<u>\$03, 04, 05</u>	11 Vehicle Descript.	<u>\$20.06</u>
3 Warr. State & Parts List	<u>\$06, 20.04</u>	12 Test Veh. Information	<u>Dur. EMTS.</u>
4 Maint: Cert/Req'd/Recm'd	<u>\$06</u>	C/O MY or C/A EF	<u>EMT1.6V2FFD3</u>
5 Tune-Up Lab./Vac. Hose Diag.	<u>\$07</u>	Zero Mile Books	
6 Evap. Control System	<u>\$08.11, 19</u>	Vehicle Logs	<u>Vehicle Book</u>
7 Engine Parameters	<u>\$20</u>	Maint. Logs & Engr. Eval.	
8 Fuel/Ignition Systems	<u>\$08.01, 08.02</u>	13 Evap. Bench Test Procedure	<u>\$17.05.02</u>
9 Exhaust Control System	<u>\$08</u>		

STATEMENTS:

1 Gen. Std., Increase in Em., Safety, Mtg. All Req'ments.	<u>\$16</u>	1 Fill Pipe Specs.	<u>\$17.08.01</u>
2 Prod. Veh. Same as Test Veh.	<u>\$17.16</u>	2 Altitude A/F Req'ment	<u>\$17.05.01</u>
3 Suitability for 91 RON Fuel	<u>\$17.16</u>	3 Carb. Tamperproof Req'ment	<u>\$08.16</u>
4 Label Durability	<u>\$17.16</u>	4 Ck for DF, Outlier, Line Xing	<u>Yes</u>
5 Driveability	<u>\$17.16</u>	5 EPA Certificate	<u>TBD</u>
6 Fill Pipe Access Zone	<u>\$17.08.01</u>	6 Optional 75K-mi Recall	<u>Yes</u>
7 Fill Pipe Performance	<u>\$17.08.01</u>	7 Alcohol Compatible	
		8 Prem. Unleaded Fuel	<u>Not recommended</u>
		9 Cert. Preview Program	<u>\$17.02 &amp; Verbal presentation</u>

\* Japan-Okazaki PROJECTED EMISSIONS (1)

Veh. ID	Code (Displ)	Trans	Axle Ratio	ETW	RLHP	MPG City/Hwy	Test Loc.	PROJECTED EMISSIONS (1)					50K Evap Part
								HC	CO	NOx	NOx	50K	
E-4207	CA	A3	2.800	2375	7.2	31.0/39.7	*	0.22	2.1	0.50	0.15	1.4	-
(1) The emission data vehicle/s above comply with standards of								0.41	7.0	0.7	0.9	2.0	-
and includes deterioration factors of								1.268	1.160	1.067	1.067	0.000	-

Evaporative DF is the average of Vehicle DF 0.000 and Bench DF 0.000  
 Remarks Durability emission data are carried across from EMT1.6V2FFD3 and evaporative data are carried over from 1983 model year evap. family DMT2.0TC.

Application  
 Processed by Cat for Mauo Date 8-3-83 Reviewed by R.J. Kenny Date 8/4/83