

### MITSUBISHI MOTORS AUSTRALIA, LTD.

EXECUTIVE ORDER A-318-0010

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 & 39516 and Executive Order G-02-003;

## IT IS ORDERED AND RESOLVED:

That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	TEST GROUP	VEHICLE TYPE	EXHAUST EMISSION STANDARD CATEGORY	USEFU (mii		IN- COMP (*=N/A or A/E=ex	MEDIATE USE LIANCE full in-use; h. / evap. late in-use)	FUEL TYPE	
2005	5MLXV03.5GBB	Passenger Car	Low Emission Vehicle (LEV)	EXH / ORVR	EVAP	EXH	EVAP	Canalina	
			, ,	100K	100K	•	*	Gasoline	
No.		PECIAL FEATURES		EVAPORATIVE FAMILY (EVAF) DISPLACEMENT					
1	2WU-TWC,TWC, 2	HO2S(2), SFI, EGR, OBD(P)	5MLXR0	175A3A					
•		•		,			•		
*		*		,	ar operation	3.5			
•	•	*		<b>1</b>					

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

#### **BE IT FURTHER RESOLVED:**

That the exhaust and the evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50° Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's "NMOG Fleet Average" (PC or LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

#### BE IT FURTHER RESOLVED:

That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 67H day of May 2004.

Allen Lyons, Chief

Mobile Source Operations Division

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# **ATTACHMENT**

## **EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS**

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

NMOG AVERAG			@ RAF=* RAF = *	NMOG or	HCHO=form	naidehyde; F	'M≖particula	te matter; RA	F=reactivity a	adiustment fac	tor: 2/3 D (a/l	esti=2/3 day	NOx≔oxides o diumal+	
CERT	STD	NMOG	NMHC	NMHC STD	I hot-soak: R	L (o/mi)≈runı	nina ioss: Ol	RVR (g/gallor	n dispensedla	on-board refu mental federal	eling venor m	SCOVERY: GER	ram; mg=milli	gram
0.041			CERT	[g/mi]	CO [g/mi]		NOx [g/mi]		HCHO [mg/mi]		PM [g/mi]		Hwy NOx [g/mi]	
		[g/mi]	[g/mi]	ra)	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
	@ 50K	0.036	*	0.075	0.6	3.4	0.1	0.2	0.3	15.	•	*	0.03	0.3
al Carrie de Carrie	@ UL	0.043	*	0.090	0.6	4.2	0.1	0.3	1.0	18.	•	*	0.04	0.4
•	50°F & 4K	0.088	*	0.150	1.6	3.4	0.02	0.2	0.3	30.	•	•	*	•
		Carrier Contract		NMHC+NC	)x [g/mi]	CO [g	/mi]	NMHC+N	Ox	CO (a/mi)	NMI	iC+NOx	co	[a/mi]

CO [g/mi] @ 20°F & 50K				Ox [g/mi] posite)		g/mi] oosite)		+NOx [US06]	CO [	g/mi] :06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
@ 20	0°F & 50K		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
CERT	6.1	SFTP @ 4000 miles	٠	*	٠	*	0.08	0.14	0.1	8.0	0.03	0.20	0.2	2.7	
STD	10.0	SFTP @ * miles	•	*	*	*	•	*	*	*	•	*		•	

Evaporative Family	3-Days Diurna (grams/te		2-Days Diurn (grams/te	al + Hot Soak est) @ UL		ng Loss nile) @ UL	On-Board Refueling Vapor Recovery (grams/gallon) @ UL			
	CERT	STD	CERT	STD	CERT	STD	CERT	STD		
5MLXR0175A3A	0.4	2.0	0.4	2.5	0.01	0.05	0.12	0.20		
•	•	•		•	*	*	*	•		
*	•	*	*	*	+	*	•	•		
	*	*	*	•	*		+	*		

<sup>\* =</sup> not applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HO2S=heated O2S; AFS;MAFS=air-fuel ratio sensor / heated AFS; EGR=exhaust gas recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; DGI=direct gasoline fuel injection; TC/SC= turbo/super charger; CAC=charge air cooler; OBD (F)(P)=full/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LNG= compressed/liquefled natural gas; LPG=liquefled petroleum gas; E85="85%" Ethanol Fuel;

## 2005 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	EVAPORATIVE FAMILY	ECS NO.	ENGINE SIZE (L)	INTERMEDIATE IN-USE COMPLIANCE (*=N/A or full in-use; A/E=exh. / evap. Intermediate in-use)		PHASE-IN STD.	OBD II
					EXH	EVAP	] .	
MITSUBISHI	Diamante	5MLXR0175A3A	1	3.5		*	SFTP	Partial