

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	TEST GROUP VEHICLE TYPE		USEFU (mil	L LIFE es)	INTERN IN- COMP (*=N/A or A/E=ex Intermedi	NEDIATE USE LIANCE full in-use; h. / evap. iate in-use)	FUEL TYPE		
		PC & I DT < 6 000 nounds GVW	"LEV II" Low Emission	EXH / ORVR	EVAP	EXH	EVAP	Gasoline (Tier 2		
2006	6GMXB03.9146	(PC; LDT 3,751-5,750 pounds LVW)	venicle (LEV II LEV)	120K	150K	A	E	Unleaded)		
No.	ECS &	SPECIAL FEATURES	EVAPORATIVE	FAMILY (EV	AF)		DISPLACI	EMENT (L)		
1 2TWC, 2H02S(2), SFI, EGR, OBD(F)			6GMXR	6GMXR0117809						
1 2TWC, 2HO2S(2), SFI, EGR, OBD(F)   2 TWC, HO2S(2), SFI, EGR, OBD(F)			6GMXR							
+		*	6GMXR	0133813			3.4, 3	.5, 3.9		
•	· · · _ · · · · · · · · · · ·	6GMXR0170957								
<b>*</b>		•	6GMXR	203958						

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.

This Executive Order hereby supersedes Executive Order A-006-1295-1 dated May 16, 2005.

Executed at El Monte, California on this  $30^{44}$  day of June 2005.

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Hen Lvons, Chief Mobile Source Operations Division



GENERAL MOTORS CORPORATION

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

# 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.)

	( · _ · · · ·													<u> </u>	
NMOG FLEET NMOG @ RAF=* AVERAGE [g/ml] CH4 RAF = *		NMOG or	CH4=melhane; NMOG=non-CH4 organic gas; NMHC=non-CH4 hydrocarbon; CO=carbon monoxide; NOx=oxides of nitrogen; HCHO=formaldehyde; PM=particulate matter; RAF=reactivity adjustment factor; 2/3 D [g/test]=2/3 day diumal+ bol-snek; RL [dmi]=running loss: ORVR [adjallon dispensed]=on-board refueling vapor recovery; g=gram; mg=milligram												
STD-P	C STD-LDT2	NMOG	NMOG NMHC		mi=mile;	<=1000 miles;	F≃degree:	s Fahrenhe	it; SFTP=st	upplemen	tal federal	test procedure		Hung MC	ly [g/mi]
0.040	0.003	CERT	CERT CERT [g/mi] [g/mi]	[a/mi]	<u> </u>	[g/mi]	NO	x [g/m]]			nunii ATD		ern	CEDT	
0.046	0.062	[g/mi]		La	CERT	STD	CERT			KI	SID		510		
	@ 50	K 0.038	*	0.075	1.4	3.4	0.04	0,05	5*		15.			0.02	0.07
	<u>ω</u> υ	L 0.045	•	0,090	1.5	4.2	0.05	0,07	'	r	18.	*	*	0.04	0.09
1.5	@ 50°F & 4	K 0.074	*	0,150	1.5	3,4	0.01	0,05	5 *	r	30.	•	*	*	*
				NMHC+N (comp	Ox [g/mi] osite)	CO [g (comp	/ml] osite)	NMHC [g/mi]	:+NOx [US06]	CO [l	[g/mi] JS06]	NMH0 [g/mi]	C+NOx [SC03]	CO [S(	[g/mi] C03]
@ 20°F & 50K				CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
CERT	58	SFTP @ 4	1000 miles	+	*	*	+	0.05	0.14	6.2	8.0	0,01	0.20	2.1	2.7
STD	10.0	SFTP	@* miles	•	*	*	*	*	*	*	•	*	*	*	•
3-D		3-Days D (gran	iurnal + Ho ns/test) @ l	ot Soak 2-Days Diurnal + Hot UL (grams/test) @ U			ot Soak UL	ak Running Loss (grams/mile) @ UL			( Re	On-Board Refueling Vapor Recovery (grams/gallon) @ UL			
		CERT	S	TD	CERT	5	STD	CER	T	STD		CERT		STD	
8GMXP0117809		0.53	0	0.70		(	0.85	0.00		0.05		0.04	0.20		
8CMYP0133810		0.22	0	.50 0.18		- (	0.65	0.00		0.05		0.01		0.20	
CUVD0422912		0.53	0	.65	0.70		0.85	0,00	0	0.05		0.04		0.20	
<u> </u>	03MAR0133813 0.3		0.00		65	0.79	1/1	0.85	0.00	5	0.05		0.04		0.20
ļ	BGMAR01708	101	0.48		85	0.47		1 85	0.00	0	0.05		0.14		0.20
1	RGMX202039	58	1 0.58		.00	0.47		0.00	0.00	-					

\* = 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/HAFS=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=throttie body 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/liquefied natural gas; LPG=liquefied petroleum gas; E85="85%" Ethanol Fuel

## 2006 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	L	,
BUICK	RENDEZVOUS AWD	6GMXR0133813	2	3.5	A	E	SFTP	Full
BUICK	RENDEZVOUS FWD	6GMXR0133813	2	3.5	A	E	SFTP	Full
BUICK	TERRAZA AWD	6GMXR0203958	2	3.5	A	E	SFTP	Full
BUICK	TERRAZA FWD	6GMXR0203958	2	3.9	A	E	SFTP	Full
BUICK	TERRAZA FWD	6GMXR0203958	2	3.5	A	E	SFTP	Full
CHEVROLET	EQUINOX AWD	6GMXR0117809	2	3.4	A	E	SFTP	Full
CHEVROLET	EQUINOX FWD	8GMXR0117809	2	3.4	A	E	SFTP	Full
CHEVROLET	MALIBU	6GMXR0133810	1	3.9	A	E	SFTP	Full
CHEVROLET	MALIBU	6GMXR0133810	1	3.5	A	E	SFTP	Full
CHEVROLET	MALIBU MAXX	6GMXR0133810	1	3.9	A	E	SFTP	Full
CHEVROLET	MALIBU MAXX	6GMXR0133810	1	3.5	A	E	SFTP	Fuli
	UPLANDER AWD	6GMXR0203958	2	3.5	A	E	SFTP	Fuli
CHEVROLET	UPLANDER FWD	6GMXR0203958	2	3.5	A	E	SFTP	Full
CHEVROLET		6GMXR0203958	2	3.9	A	E	SFTP	Full
PONTIAC	G6	6GMXR0133810	1	3.5	A	E	SFTP	Full

California Environmental Protection Agency AIR RESOURCES BOARD EXECUTIVE ORDER A-006-1295-2

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

G6	6GMXR0133810	1	3.9	A	Е	SFTP	Full
	6GMXR0133810	1	3.5	А	E	SFTP	Full
	6GMXR0133810		3.9	A	E	SFTP	Full
	6GMXR0203958	2	3.5	A	E	SFTP	Fuil
MONTANA SV6 FWD	6GMXR0203958	2	3.5	Α	E	SFTP	Full
MONTANA SV6 FWP	6GMXR0203958	2	3.9	A	E	SFTP	Full
	6GMXR0117809	2	3.4	A	E	SFTP	Full
	6GMXR0117809	2	3.4	A	E	SFTP	Full
RELAY AWD	6GMXR0203958	2	3.5	A	E	SFTP	Full
RELAY FWD	6GMXR0203958	2	3.5	A	E	SFTP	Full
RELAY FWD	6GMXR0203958	2	3.9	A	E	SFTP	Full
UPLANDER FWD	6GMXR0170957	2	3.5	A	E	SFTP	Full
MONTANA SV6 FWD	6GMXR0170957	2	3.5	A	E	SFTP	Full
	G6 G6 GT/GTP CONVERTIBLE G6 GT/GTP CONVERTIBLE MONTANA SV6 AWD MONTANA SV6 FWD MONTANA SV6 FWD TORRENT AWD TORRENT FWD RELAY FWD RELAY FWD UPLANDER FWD MONTANA SV6 FWD	G66GMXR0133810G6 GT/GTP CONVERTIBLE6GMXR0133810G6 GT/GTP CONVERTIBLE8GMXR0133810MONTANA SV6 AWD6GMXR0203958MONTANA SV6 FWD6GMXR0203958MONTANA SV6 FWD6GMXR0203958TORRENT AWD6GMXR0117809TORRENT FWD6GMXR0117809RELAY AWD6GMXR0203958RELAY FWD6GMXR0203958UPLANDER FWD6GMXR0170957MONTANA SV6 FWD6GMXR0170957	G66GMXR01338101G6 GT/GTP CONVERTIBLE6GMXR01338101G6 GT/GTP CONVERTIBLE8GMXR01338101MONTANA SV6 AWD6GMXR02039582MONTANA SV6 FWD6GMXR02039582MONTANA SV6 FWD8GMXR02039582TORRENT AWD6GMXR01178092TORRENT FWD6GMXR01178092RELAY AWD6GMXR02039582RELAY FWD6GMXR02039582RELAY FWD6GMXR02039582RELAY FWD6GMXR02039582RELAY FWD6GMXR02039582RELAY FWD6GMXR02039582RELAY FWD6GMXR01709572MONTANA SV6 FWD8GMXR01709572	G6 6GMXR0133810 1 3.9   G6 GT/GTP CONVERTIBLE 6GMXR0133810 1 3.5   G6 GT/GTP CONVERTIBLE 8GMXR0133810 1 3.9   MONTANA SV6 AWD 6GMXR0203958 2 3.5   MONTANA SV6 FWD 6GMXR0203958 2 3.5   MONTANA SV6 FWD 6GMXR0203958 2 3.9   TORRENT AWD 6GMXR0117809 2 3.4   TORRENT FWD 6GMXR0117809 2 3.4   RELAY AWD 6GMXR0117809 2 3.4   RELAY FWD 6GMXR0203958 2 3.5   UPLANDER FWD 8GMXR0170957 2 3.5   MONTANA SV6 FWD 6GMXR0170957 2 3.5	G6 6GMXR0133810 1 3.9 A   G6 GT/GTP CONVERTIBLE 6GMXR0133810 1 3.5 A   G6 GT/GTP CONVERTIBLE 6GMXR0133810 1 3.9 A   G6 GT/GTP CONVERTIBLE 6GMXR0133810 1 3.9 A   MONTANA SV6 AWD 6GMXR0203958 2 3.5 A   MONTANA SV6 FWD 6GMXR0203958 2 3.5 A   MONTANA SV6 FWD 6GMXR0203958 2 3.9 A   TORRENT AWD 6GMXR0117809 2 3.4 A   TORRENT FWD 6GMXR0203958 2 3.5 A   RELAY AWD 6GMXR0117809 2 3.4 A   RELAY FWD 6GMXR0203958 2 3.5 A   QUPLANDER FWD 6GMXR0203958 2 3.5 A   QUPLANDER FWD 6GMXR0170957 2 3.5 A	G6 6GMXR0133810 1 3.9 A E   G6 GT/GTP CONVERTIBLE 6GMXR0133810 1 3.5 A E   G6 GT/GTP CONVERTIBLE 8GMXR0133810 1 3.9 A E   G6 GT/GTP CONVERTIBLE 8GMXR0133810 1 3.9 A E   MONTANA SV6 AWD 6GMXR0203958 2 3.5 A E   MONTANA SV6 FWD 6GMXR0203958 2 3.5 A E   MONTANA SV6 FWD 6GMXR0203958 2 3.9 A E   MONTANA SV6 FWD 6GMXR0117809 2 3.4 A E   TORRENT AWD 6GMXR0117809 2 3.4 A E   TORRENT FWD 6GMXR0203958 2 3.5 A E   RELAY AWD 6GMXR0203958 2 3.5 A E   RELAY FWD 6GMXR0203958 2 3.5 A E   UPLANDER FWD 6GMXR0170957 2 3.5 A <td< td=""><td>G66GMXR013381013.9AESFTPG6 GT/GTP CONVERTIBLE6GMXR013381013.5AESFTPG6 GT/GTP CONVERTIBLE8GMXR013381013.9AESFTPMONTANA SV6 AWD6GMXR020395823.5AESFTPMONTANA SV6 FWD6GMXR020395823.5AESFTPMONTANA SV6 FWD6GMXR020395823.9AESFTPMONTANA SV6 FWD6GMXR011780923.4AESFTPTORRENT AWD6GMXR011780923.4AESFTPRELAY AWD6GMXR020395823.5AESFTPRELAY FWD6GMXR020395823.5AESFTPUPLANDER FWD6GMXR020395823.5AESFTPUPLANDER FWD6GMXR017095723.5AESFTPUPLANDER FWD6GMXR017095723.5AESFTPMONTANA SV6 FWD6GMXR017095723.5AESFTPSet PSet P<tr< td=""></tr<></td></td<>	G66GMXR013381013.9AESFTPG6 GT/GTP CONVERTIBLE6GMXR013381013.5AESFTPG6 GT/GTP CONVERTIBLE8GMXR013381013.9AESFTPMONTANA SV6 AWD6GMXR020395823.5AESFTPMONTANA SV6 FWD6GMXR020395823.5AESFTPMONTANA SV6 FWD6GMXR020395823.9AESFTPMONTANA SV6 FWD6GMXR011780923.4AESFTPTORRENT AWD6GMXR011780923.4AESFTPRELAY AWD6GMXR020395823.5AESFTPRELAY FWD6GMXR020395823.5AESFTPUPLANDER FWD6GMXR020395823.5AESFTPUPLANDER FWD6GMXR017095723.5AESFTPUPLANDER FWD6GMXR017095723.5AESFTPMONTANA SV6 FWD6GMXR017095723.5AESFTPSet PSet P <tr< td=""></tr<>