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.

TEST GROUP	VEHICLE TYPE	EXHAUST EMISSION STANDARD CATEGORY	(mi		IN COMF (*=N/A or A/E=ex	USE LIANCE full in-use; h. / evap.	FUEL TYPE		
8FMXT04.03DB	LDT: 6001-8500# GVW, 3751- 5750# ALVW	USEPA Bin 4 Counted as ARB LEV2	EXH / ORVR	EVAP	EXH	EVAP	Gasoline (Tier 2 Unleaded)		
AT AT ACCURATE A		ULEV	120K	150K	*	•			
ECS & S		Lines .							
2TWC, 2HO	2S(2), SFI, EGR, OBD(P)				DISPLAC	EMENI (L)			
	• • • • • • • • • • • • • • • • • • •								
······································	*					4			
	•								
	8FMXT04.03DB ECS & S	8FMXT04.03DB LDT: 6001-8500# GVW, 3751- 5750# ALVW	8FMXT04.03DB     LDT: 6001-8500# GVW, 3751- 5750# ALVW     USEPA Bin 4 Counted as ARB LEV2 ULEV       ECS & SPECIAL FEATURES     EVAPORATIVE       2TWC 2H025(2) SEL ECD 000000     EVAPORATIVE	8FMXT04.03DB     LDT: 6001-8500# GVW, 3751- 5750# ALVW     USEPA Bin 4 Counted as ARB LEV2 ULEV     EXH / ORVR       ECS & SPECIAL FEATURES     EVAPORATIVE FAMILY (EVAPORATIVE FAMILY (EVAPORA	STANDARD CATEGORY     (miles)       8FMXT04.03DB     LDT: 6001-8500# GVW, 3751- 5750# ALVW     USEPA Bin 4 Counted as ARB LEV2 ULEV     EXH / ORVR     EVAP       ECS & SPECIAL FEATURES     EVAPORATIVE FAMILY (EVAF)	TEST GROUP     VEHICLE TYPE     EXHAUST EMISSION STANDARD CATEGORY     USEFUL LIFE (miles)     IN. COMP (*=N/A or A/E=ex intermed       8FMXT04.03DB     LDT: 6001-8500# GVW, 3751- 5750# ALVW     USEPA Bin 4 Counted as ARB LEV2 ULEV     EXH / ORVR     EVAP     EXH / 120K     EVAP       ECS & SPECIAL FEATURES     EVAPORATIVE FAMILY (EVAF)     Image: Comp / C	STANDARD CATEGORY     (mites)     COMP LINUE (**//A NUME       8FMXT04.03DB     LDT: 6001-8500# GVW, 3751- 5750# ALVW     USEPA Bin 4 Counted as ARB LEV2 ULEV     EXH / ORVR     EVAP     EXH / EVAP     EXH / EVAP       ECS & SPECIAL FEATURES     EVAPORATIVE FAMILY (EVAF)     DISPLACE		

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).

### BE IT FURTHER RESOLVED:

That the listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961(a)(14) and the incorporated test procedures.

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

day of June 2007.

nnette Hebert, Chief Mobile Source Operations Division

California Environmental Protection Agency AIR RESOURCES BOARD

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.)

AVERAG	FLEET SE (g/mi) STD		AF = 1	NMHC NMHC		RL (a/mi)=run	PM≍particula ining loss: O	ale matler; RA DRVR (g/gallor	F=reactivity dispensed	aojustm I≃on-boa	ent facto rd refuel	or; 2/3 D [g/te: ing vapor rec	stj≃2/3 day overv: o=oi	diurnal+	•	
GERI	310	CERT	CERT	STD	mi=mile; K	mi=mile; K=1000 miles; F=degrees Fahrenheit; SFTP=supplemental federal test procedure CO [g/mi] NOx [g/mi] HCHO [mg/mi] PM [g/mi] Hwy NOx [g/mi]										
0.045	0.050	[g/mi]	[g/mi]	[g/mi]	CERT	[grmi]   STD	CERT	x (g/mi) STD	CERT	rimg/m ∣ST		PM [g/ CERT	STD	CERT	Ox [g/mi]   STD	
•	@ 50K	*	*	*	*	1 1	+	*	*	*		*	•	- CERT	*	
1997 - 1997 -	@UL	0.034	•	0.070	1.0	2.1	0.02	0.04	+	11			0.01	0.01	0.05	
0	50°F & 4K	•	*	*	•	· ·	*	•	+	-	-	*	+	*	*	
CO I	a/mi]			NMHC+N (comp		CO [g		NMHC+N {g/mi} [U\$		CO [g			C+NOx [SC03]		[g/mi] C03]	
CO [g/mi] @ 20°F & 50K				CERT	STD	CERT	STD	·····		ERT	STD	CERT	STD	CERT	STD	
ERT	2.7	SFTP @ 4	000 miles	•	*	•	*	0.1	0.4	1.9	10.5	0.02	0.31	0.9	3.5	
STD	12.5		@ 120000 miles	0.07	0.97	•	*	*		2.2	16.9	*	•	1.2	5.6	
Evaporative Family 8FMXR0200GBR		3-Days Diurnal + Hot Soak (grams/test) @ UL		2-Days Diurnal + Hot Soa (grams/test) @ UL			Running Loss (grams/mile) @ UL			On-Board Refueling Vapor Recovery (grams/gallon) @ Ut						
		CERT	STD		CERT ST		TD	CERT		STD		CERT		STD		
		0.58	0.58 0.90		0.36	1.1	1.15	0.00	0.05	0.05		0.02		0.20		
		*		•	•		•	*		٠		*		*		
LVW=loade ADSTWC= gas recircu	ed vehicle we adsorbing TM lation: <b>AIR</b> =se	ight; ALVW= VC; WU=war econdary air	=passenger c adjusted LVW m-up catalyst; injection: PAII	ar; LDT=ligi ; LEV=low OC=oxidizi R=pulsed Al	emission ve ing catalyst; IR: MEt= mi	hicle; TLEV 02S=oxyge ultinort fuel in	dium-duty v =transitiona en sensor; F	al LEV; ULEV HO2S=heate Hesequential	/=uitra LE\ d O2S; AF: MEL TBI=	'; SULE\ \$/HAFS= ibrottle_b	/=super air- fue	ULEV; TWO I ratio senso	=3-way ca r / heated /	atalyst; AFS; EGR:	exhaust	
LVW=loade ADSTWC= gas recircu CAC=charg	* licable; UL=u ed vehicle we adsorbing TV lation; AIR=se ge air cooler;	ight; ALVW= VC; WU=war econdary air OBD (F)/(P)=	=passenger c	ar; LDT=ligi ; LEV=low OC=oxidizi t=pulsed Al board diage	* emission ve ing catalyst; B: MEt= mi	(; MDV=mec hicle; TLEV (O2S=oxyge ultinort fue) is	dium-duty v =transitiona en sensor; F	* vehicle; ECS= al LEV; ULEV HO2S=heate	* Emission /=uitra LEV d O2S; AF: MEL: TRi=	'; SULE\ \$/HAFS= ibrottle_b	* System; /=super air- fue	ULEV; TWO I ratio senso	tard; CER C=3-way ca r / heated /	atalyst; AFS; EGR:	* tion; =exhaust	
LVW=loade ADSTWC= gas recircu CAC=charg	* licable; UL=u ed vehicle we adsorbing TV lation; AIR=se ge air cooler;	ight; ALVW= VC; WU=war econdary air OBD (F)/(P)=	=passenger c adjusted LVW m-up catalyst; injection; PAII full/partial on 85%" Ethanol	ar: LDT=ligi ; LEV=low OC=oxidizi R=pulsed Al board diag: Fuel	* nt-duty truck emission ve ing catalyst; iR; MFI= mu nestic; DOF	* c; MDV=med chicle; TLEV O2S=oxyge ultiport fuel in R=direct ozo	dium-duty v =transitiona en sensor; h njectlon; SF ne reducinç	* vehicle; ECS= al LEV; ULEV HO2S=heate	* Femission /=ultra LEV d O2S; AF MFI; TBi= raliel; (2) s	; SULE S/HAFS= hrottle b uffix=se	* /=super air- fue ody inje ries; Cl	ULEV; TW( I ratio senso action; TC/S( NG/LNG= co	tard; CER C=3-way ca r / heated /	atalyst; AFS; EGR:	* tion; =exhaust	
LVW=loadi ADSTWC= gas recircu CAC=charg LPG=lique	* licable; UL=u ed vehicle we adsorbing TV lation; AIR=se ge air cooler;	ight; ALVW= VC; WU=war econdary air OBD (F)/(P)=	=passenger c adjusted LVW m-up catalyst; injection; PAII full/partial on 85%" Ethanol	ar; LDT=lig ; LEV=low OC=oxidiz E=pulsed Al board diag Fuel	* nt-duty truck emission ve ing catalyst; iR; MFI= mu nestic; DOF	* thicle; TLEV thicle; TLEV S=oxyge ultiport fuel in R=direct ozo AR: VE EVAPC	dium-duty v =transitiona en sensor; h njectlon; SF ne reducinç	* vehicle; ECS= al LEV; ULEV HO2S=heate fl=sequential g; prefix 2=pa	* Femission /=ultra LEV d O2S; AF MFI; TBi= raliel; (2) s	(; SULEY S/HAFS= throttle b uffix=se DRMA	* System; /=super air- fue ody inje ries; Cr NTIOI	ULEV; TW( I ratio senso action; TC/S( NG/LNG= co	et in bottom the ated of the atern	atalyst; AFS; EGR:	tion; =exhaust	
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