

DAEWOO MOTOR CO.

EXECUTIVE ORDER A-329-0018 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 and 39516 and Executive Order G-45-9;

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.

MOD YEA		TEST GROUP			VEHICLE TYPE		UST EMISSION ARD CATEGORY	FUEL TYPE							
200	2 21	2DWXV02.0D03			Passenger Car	Ultra Lov	v Emission Vehicle (ULEV)	Gasoline							
No.	No. EVAPORATIVE FAMILY (EVAP)			No.	SPECIAL FEAT EMISSION CONTROL		TWC = 3-way catalytic converter WUTWC = warm-u TWC ADSTWC = adsorber TWC OC = oxidatio								
1	2DWXF	R0095A	OL	1	WUTWC, TWC, I	HO2S, O2S, EGR, SF	catalytic converter O2S = oxygen senso HO2S = heated O2S								
2		*		2		*	AIR = secondary air injection PAIR = puised AIR								
3		*		3		*	MFI = multiport fuel injection SFI = sequential MF TC/SC = turbo/super charger CAC = charge air coole								
4		*				*	OBD (F) / OBD (P) = on-board diagnosis; full / partial compliance (prefix) 2 = parallel (2) (suffix) = seri								
EVAF No.	P EC		NGINE IZE (L)		VEHICLE MAKES & MODELS	VEHICLES SUBJ STANDARDS AR									
1	1	1 2.0			DAEWOO NUBIRA NB/WAGON										
*	*				*										
*	*	* *			•										
*	•			1	•										

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows. Any debit in the manufacturer's compliance plan for "NMOG Fleet Average" (passenger cars and light-duty trucks) or "Vehicle Equivalent Credit" (medium-duty vehicles) shall be equalized as required. The 50° Fahrenheit standards and CERT levels are listed below or compliance has been met based on the manufacturer's submitted compliance plan in lieu of actual testing.

	G FLEET AGE [g/mi]		NMOG [g/mi] @RAF = 0.94			CH4 = methane 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											
CERT	CERT STD			CH4 R		CO [g/mi]			NOx [g/mi]		HCHO [mg/mi]		PM [g/mi]			Hwy NOx [g/mi]	
0.061	0.06	0.068		CERT STD		CERT	STD	CERT		STD	CERT STD		CER	r STD		CERT	STD
K = 1000 miles			0	0.032 0.040		0.9	1.7	0.0	02	0.2	1	8	*		*	0.04	0.3
			0	.039	0.055	1.5	2.1	0.03	03	0.3	1	11	•		*	0.1	0.4
	@ 50°F	0°F, 4K 0		.065 0.080		0.4	1.7	0.04	04	0.2	5	16	*		*	*	*
CO @ 20	[g/mi] °F, 50K			g = gr	am milligram	NMHC+NOx [g/mi] (composite)		NM	NMHC+NOx [g/mi] [US06]		CO [g/mi] [US06]			NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
CERT	ST	STD		mi = mile		CERT	STD	CE	RT	STD	CERT	STD	CERT	S	STD	CERT	STD
3.7	10.0			@ 4K		*	*	0.	0.12		5.8	8.0	0.05	0.	.20	1.4	2.7
F ≃ degree	Fahrenhe	eit		@ 100K		*	•	*		*	*	*	*		*	*	*
@	EVAPORATIVE FAMILY 1				IILY 1	EVAPORATIVE FAMILY 2					VAPORATIVE FAMILY 3			EVAPORATIVE FAMILY 4			
100K	3-D	3-D 2-D		RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR
CERT	0.5	0.4		0.001	0.08	*	*	*	*	•	•	*	*	*	•	*	*
STD	2.0	2.5		0.05	0.20	*	*		*	*	*	*	*	*	*	*	*
2-D, 3-D [g	/test] = 2-d	lay, 3-c	day c	diurnal a	ınd hot-soak	recovery	RL [g/mi] = r	unning k	oss	ORVR [g/ga	illon of fue	l dispense	d] = on-bo	oard ref	ueling vapo	r recovery

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 (labeling), 1968.1 or 1968.1(m)(6.2) (on-board diagnostic systems; full or partial compliance), 2035 et seq. (emission control warranty), 2235 (fuel tank fill pipes and openings), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty

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 November 2001.

A. B. Summerfield,

Mobile Source Operations Division