State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-206 Relating to Certification of New Motor Vehicles

HONDA MOTOR CO., LTD.

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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1997 model-year Honda Motor Co., Ltd. exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: VHN3.0VJG2EK <u>Displacement</u>: 3.0 Liters (182 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter Heated Oxygen Sensors (Two) Exhaust Gas Recirculation Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The TLEV certification exhaust emission standards for this engine family in grams per mile are:

<u>Miles</u>	Non-Methane Organic Gas	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000	0.125	3.4	0.4	0.015	10.0
100,000	0.156	4.2	0.6	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.98

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.98 RAF for 1997 model-year TLEVs. The TLEV certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Organic Gas	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000	0.078	0.6	0.1	0.002	3.8
100,000	0.092	0.7	0.2	0.002	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the listed models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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 ______

day of September 1996.

R. B. Summerfield Assistant Division Chief Mobile Source Division

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O.	#_#	4-6	23~:	206	
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Manufacturer: HONDA Exh Engine Family: VHN3_OVJG2EK All Eng Codes in Eng Fam: CA X							
1 -	Vehicle Models	Trans.	ETW	DPA	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
Code				-		l	CW
VZL3/1					Distributor:		
1 '	3.0CL	L4	3625	7.3	D6P96-01		
1,,				į	PCM:		
	·				37820-P8A-L00		

ISSUED: 06/10/96

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O.	# <i>1</i>	4-2	23	<u>-2</u>	6l
		1	_		

Manufacturer:							
	nily: <u>VHN3.0VJG2E</u> in Eng Fam: CA _ ier-1 TLEV _	V 400	!	50S _	AB965; U	s EPA Tier-1	
Exh std: CA T In-Mse Exh Sto	d: Full In Use _X	_ Alt I	n Use		-		
EVAP Engine Fa	amily: VHN1090AYM	EA.					
Evap Std.: 501	K Useful Lif :PC X_ LDT1	e with b _ LDT2	MDV	⊥	_ MDV2 MDV3	MDV4	MDV5
Single Cert S Fuel Type(s):	td for Multi-Clas	s Eng Fa	im: <u>INZ</u> L	Dua:	l-Fuel Bi-I	Fuel Gaso	oline <u>X</u>
Diesel: 13 CC	el(s): Indo R 2282 40 CE	Ph2 <u>X</u> R 86.11	CNG _ _ 3-90 _		10 CFR 86.113-94	1	
NMOG Test Pro	R 2282 40 Cr a: Std AMA Mo ocedure: N/A S A B C	ΔDI	i Cvcl	<u></u>			Source
Engine Config	furation: V-6 Dis	spraceme.	00/550	מם מי	M	-	
Engine: Front	rlinder: <u>4</u> Rate : <u>X</u> Mid Ro TWC/HO2S(2)/EGR/	ear	Drive	: FW	D X RWD	4WD-FT	₹MD-5.1. "
		 		T	Ignition		Catalytic
	 Vehicle Models	Two no	זגזירים	מסח		EGR System	Converter
Engine Code	Vehicle Models	Trans.	EIM	DEA		Part No.	Part No.
Code				-	EI	EGR Valve:	CW
VZL3/1					Distributor:		ļ
	3.0CL	L4	3625		D6P96-01	į	
(555,					PCM:		
į				1	37820-P8A-L00	EGR Valve:	CW
				l	 -	EGR Valve:	CW
VZL3/1-19		1	\ \	I	Distributor:		
(CA)	3.0CL	L4	3625	7.3	D6P96-01 PCM:		
					37820-P8A-L00		1
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ISSUED: 06/10/96 REVISED: 01/10/97

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O.	# /	A -	23	-266	,
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Manıı	facturer: H	IONDA						
	Barino Fomi	DEC VENIS OWIGSEK						
			400	50	os	_ AB965	_, _	
MTT.	end codes	in Eng Fam: CA _X er-1 TLEV _X	LEV _	v:	EV _	ZEV; US	EPA Tier-l	
EXII	scu: CA III	: Full In Use X	Alt In	. Use .				
In-u	ge Exil Stu	mily: VHN1090AYME	Δ.					
	_		7 to 10 to 10 to	'L X				
Evap	Sta.: 50K	Useful Life PC X LDT1	יייייייייייייייייייייייייייייייייייייי	MDV1		MDV2 MDV3 .	MDV4	MDV5
Sing	le Cert St	d for Multi-Class Dedicated X F	lev-Fuel	<u></u> .	Dual	-Fuel Bi-F	uel Gasc	oline <u>X</u>
Fuel	. Type(s):	Dedicated X F	TMC		LPG	M85 O	ther	
		Diesel CNG _ l(s): Indo I	DNG	CNG		.pg M85	_ Other	
Emis	ss Test Fue	l(s): Indo	202 313	CIAG _		CFR 86.113-94		
Dies	sel: 13 CCR	2282 40 CFF	6 80.113	-90 <u></u> M£v	ם תא. -	x Other		
Ser	vice Accum:	Std AMA Modeledure: N/A St	AMA	_ 1111	יים א	/I Test Proc:	SHED X Pt	Source
NMO	3 Test Proc	edure: N/A St	.d E	quiv _	<u>. </u>	K/H TEBC TIOC.		
		D ('	A P()	LVCIC				
Fnor	ine Configu	ration: V-6 Dis	olacemen	<u> </u>	i nr	CELB TOT CONT.		
								4WD-PT
Eng	ine: Front	<u>x</u> Mid Re	ar	Drive:	F.MD	_ <u>k</u> RWD		
Exh	aust ECS: I	rwc/ho2s(2)/EGR/s	<u>FI</u>					
						Total		Catalytic
Γ					}	Ignition (PGM)	EGR System	
	Engine	Vehicle Models	Trans.	ETW	DPA	` '	Part No.	Part No.
	Code					LULU LIV	EGR Valve:-	
ţ							EGR Valve:-	Cn
ļ	VZL3/1	ļ				Distributor:		
	(CA)	3.0CL	L4	3625	7.3	D6P96-01		
ļ	(0.1)			Ì		PCM:		
				1		37820-P8A-L00		
						EI	EGR Valve:-	ICM
	VZL3/1-19				1	Distributor:		<u> </u>
	(CA)	3.0CL	L4	3625	7.3	D6P96-01		
	(CA)	3.001	1		ļ	PCM:		
				1	ļ	37820-P8A-L00		
			 	 	 	EI	EGR Valve:-	CM
		}				Distributor:	1	
	VZL3/1-28	2 001	L4	3625	7.3	D6P96-01	1	-
	(CA)	3.0CL	1 112	"""	1	PCM:		1
			1	1		37820-P8A-L01	1	
	1	i	1	1	1	1- /	1	

ISSUED: 06/10/96 REVISED: 02/28/97 05/20/97