File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-185
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 1996 model-year Honda Motor Co., Ltd. exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: THN1.6VJG3EK Displacement: 1.6 Liters (97 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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

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

Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2	0.3	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.94 RAF for 1996 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.034	0.9	0.1	0.001	4.8
100,000	0.041	1.1	0.1	0.001	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 non-methane organic gas (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 50,000-mile evaporative emission standards applicable to 1980 through 1994 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, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

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 manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 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 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 15th day of August 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-23-185

1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: HONDA Exh Engine Family: THN1.6VJG3EK
All Eng Codes in Eng Fam: CA X 49S___ 50S___ AB965___ Evap Engine Family: THN1077BYMAC
Exh Std: CA Tier-1___ TLEV___ LEV X ULEV___ ZEV___ ; US EPA Tier-1___
Evap Std: 50K X Useful Life with R/L___ In-Use Exh Std: Full In Use___ Alt In Use X
Veh Class(es): PC X LDT1___ LDT2___ MDV1___ MDV2___ MDV3___ MDV4___ MDV5___
Single Cert Std for Multi-Class Eng Fam: N/A
Fuel Type(s): Dedicated X Flex-Fuel___ Dual-Fuel___ Bi-Fuel___ Gasoline X Diesel___
CNG___ LNG___ LPG___ M85___ Other_____
Emiss Test Fuel(s): Indo___ Ph2 X CNG___ LPG___ M85___ Other_____
Diesel: 13 CCR 2282___ 40 CFR 86.113-90___ 40 CFR 86.113-94___
Service Accum: Std AMA___ Mod AMA X Mfr ADP___ Other_____
NMOG Test Procedure: N/A___ Std___ Equiv X R/L Test Proc: SHED___ Pt Source___
Hybrid: Type A___ B___ C___, APU Cycle: _____
Engine Configuration: L-4 Displacement: 1.6 Liters 97 Cubic Inches
Valves per Cylinder: 4 Rated HP: 106/6200 RPM
Engine: Front X Mid ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ 4WD-PT ___
Exhaust ECS: TWC/HO2S(2)/SFI

Engine Code	Vehicle Models	Trans.	ETW	DPA	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
TCL1 (CA)	Civic HB CX Civic HB DX	M5	2500	7.3(DU)	EI Distributor: TD-80U ECM: 37820-P2E-L01 ECM: 37820-P1Z-L01	N/A	AD
	Civic Coupe DX Civic Sedan DX		2625	6.7(DU)			
	Civic del Sol S			7.0(DU)			
	Civic Sedan LX		2750	6.6(DU) 6.8(BS)			
TCL1/1 (CA)	Civic HB CX Civic HB DX		2625	8.0(DU)			
	Civic Coupe DX Civic Sedan DX			7.4(DU)			
	Civic del Sol S			7.7(DU)			
	Civic Sedan LX		2750	7.3(DU) 7.5(BS)			
TCM3 (CA)	Civic HB CX Civic HB DX	L4	2625	7.3(DU)	EI Distributor: TD-80U PCM: 37820-P2E-L71 PCM: 37820-P1Z-L51	N/A	AT
	Civic Coupe DX			6.7(DU)			
	Civic Sedan DX		2750	6.7(DU)			
	Civic Sedan LX			6.8(BS) 6.6(DU)			
	Civic del Sol S			7.0(DU)			
TCM3/1 (CA)	Civic HB CX Civic HB DX		2625	8.0(DU)			
	Civic Coupe DX			7.4(DU)			
	Civic Sedan DX		2750	7.4(DU)			
	Civic Sedan LX			7.5(BS) 7.3(DU)			
	Civic del Sol S			7.7(DU)			