File



State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-197
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:

Fuel Type: Gasoline

Engine Family: THN3.5VJGKEK Displacement: 3.5 Liters (212 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Dual Heated Oxygen Sensors
Heated Oxygen Sensor
Exhaust Gas Recirculation
Sequential Multiport Fuel Injection

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

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

| Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides | Carbon Monoxide (20°F) |
|---|---|---|---|---|
| 50,000 | 0.25 | 3.4 | 0.4 | 10.0 |
| 100,000 | 0.31 | 4.2 | 0.6 | n/a |

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

| Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides | Carbon Monoxide (20°F) |
|---|---|---|---|---|
| 50,000 | 0.12 | 1.2 | 0.1 | 3.2 |
| 100,000 | 0.14 | 1.3 | 0.2 | 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 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 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 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 23rd day of January 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-23-197

1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 1 of 1

Manufacturer: HONDA Exh Engine Family: THN3.5VJGKEK

All Eng Codes in Eng Fam: CA___ 49S___ 50S X AB965___ Evap Engine Family: THN1094AYMEZ

Exh Std: CA Tier-1 X TLEV___ LEV___ ULEV___ ZEV___ ; US EPA Tier-1 X

Evap Std: 50K___ Useful Life with R/L X In-Use Exh Std: Full In Use X Alt In Use___

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 X Ph2___ 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 X Std___ Equiv___ R/L Test Proc: SHED X Pt Source___

Hybrid: Type A___ B___ C___, APU Cycle: ___

Engine Configuration: V-6 Displacement: 3.5 Liters 212 Cubic Inches

Valves per Cylinder: 4 Rated HP: 210/5200 RPM

Engine: Front X Mid ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ 4WD-PT ___

Exhaust ECS: TWC/2HO2S/HO2S/EGR/SFI

| Engine Code | Vehicle Models | Trans. | ETW | DPA | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalytic Converter Part No. |
|---|---|---|---|---|---|---|---|
| TYA3/1 (50ST) | 3.5RL | L4 | 4000 | 8.7 | EI Distributor: N/A PCM: 37820-P5A-A01 (w/o TCS) 37820-P5A-A11 (w/ TCS) | EGR Valve: 10Z | AJ |