State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-23-217-1
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. new pure electric motor vehicles are certified as described below for passenger cars:

Emission Standard Category: Zero-Emission Vehicle (ZEV)

Fuel Type: Battery-Stored Electricity

Engine Family: VHN000VYZ5ZA

Battery Type: Nickel Metal Hydride

Vehicle Model: Honda EV Plus

BE IT FURTHER RESOLVED: That because the listed vehicle models are powered by battery-stored electricity, and the only on-board system consuming any fuel other than electricity is a fuel-fired heating system that is designed and equipped so that it cannot be activated at temperatures above 40 degrees Fahrenheit and has been demonstrated to have zero evaporative emissions under any and all possible operational modes and conditions, the vehicle models meet the certification requirements for ZEVs set forth in Title 13, California Code of Regulations, Section 1960.1(g)(1) Note (2.1)a; the listed vehicle models also meet the definition of "low-emission motor vehicle" set forth in Health and Safety Code Sections 39031.05 and 42800.

BE IT FURTHER RESOLVED: That no modification may be made to the on-board heating system that would make it operable at temperatures above 40 degrees Fahrenheit, or that would result in evaporative emissions under any possible operational mode or condition.

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

BE IT FURTHER RESOLVED: That the listed vehicle models shall be clearly labeled as "low-emission motor vehicles" pursuant to the requirements of Health and Safety Code Section 43802(a).

BE IT FURTHER RESOLVED: That because the vehicles certified by this executive order have no parts that affect emissions for which there is an applicable emission requirement, the manufacturer is not required to provide an emission control system warranty pursuant to Health and Safety Code Section 43205 or Title 13, California Code of Regulations, Sections 2035 et seq.

Quarterly production reports shall be submitted to the Executive Officer no later than 45 days after the end of each quarter.

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.

Executed at Sacramento, California this 20th day of March 1997.

R. B. Summerfield, Chief
Mobile Source Operations Division

1997 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV--PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: HONDA MOTOR CO. LTD. Engine Family: VHN000VYZ5ZA
Veh Class(es): PC X LDT1__ LDT2__ MDV1__ MDV2__ MDV3__ MDV4__ MDV5__
No. of ZEV Credits per vehicle: 1
Fuel Type: Electro chemical Battery X Fuel Cell__ Capacitor__ Other(specify)____
Battery Type(s): Lead Acid__ Nickel Cadmium__ SBLA__ Sodium Sulfur__
Sodium Nickel Chloride__ Nickel Metal Hydride X Lithium Metal Disulfide__
Zinc Air__ Zinc Bromine__ Lithium polymer__ Other(specify):____
Total Battery Weight:____ Total Battery Volume:____ Battery specific energy:____No. of batteries or modules per vehicle: 24 Total Battery Voltage: 288
Charger(s): on-board X off-board__ conductive__ inductive__
Drive Motors(s): AC Induction__ DC Brush__ DC Brushless X
Switched Reluctance__ Other(specify):____
No. of Drive Motors 1 Rated motor power 49Kw @ 8750 rpm Max rpm: 8750
Drive: FWD X RWD__ 4WD-FT__ 4WD-PT__
Regenerative Braking: No__ Yes X FW X RW__ AW__
Driver Controlled Regen Braking: Yes X No__ Coast Regen Braking: Yes__ No__
Air Conditioning: Yes X No__
Fuel Fired Heater: No__ Yes X Fuel Type: Gas__ Diesel__ CNG__ LNG__
LPG__ Other(specify): Kerosene Rated Heat Power:__kW

Vehicle Models (If coded see attachment)	Trans. type M5, A4 (if applicable)	GVWR	Curb Weight	ETW or Test Weight	DPA or RLHP
Honda EV Plus	FST*	4390	3594	3875	10.1

*: Fixed Single Speed Transmission

Date Issued:

Revisions: