

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).

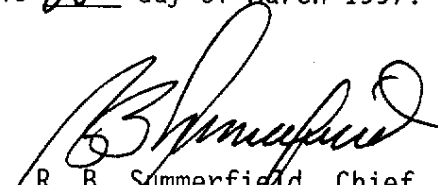
BE IT FURTHER RESOLVED: That because the vehicles certified by this executive order have no parts that affect emissions for which there is an applicable emission requirement, the manufacturer is not required to provide an emission control system warranty pursuant to Health and Safety Code Section 43205 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 20<sup>th</sup> 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  LDT1\_\_ LDT2\_\_ MDV1\_\_ MDV2\_\_ MDV3\_\_ MDV4\_\_ MDV5\_\_  
 No. of ZEV Credits per vehicle: 1  
 Fuel Type: Electro chemical Battery  Fuel Cell\_\_ Capacitor\_\_ Other(specify)\_\_\_\_  
 Battery Type(s): Lead Acid\_\_ Nickel Cadmium\_\_ SBLA\_\_ Sodium Sulfur\_\_  
 Sodium Nickel Chloride\_\_ Nickel Metal Hydride  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  off-board\_\_ conductive\_\_ inductive\_\_  
 Drive Motors(s): AC Induction\_\_ DC Brush\_\_ DC Brushless   
 Switched Reluctance\_\_ Other(specify):\_\_\_\_  
 No. of Drive Motors 1 Rated motor power 49Kw @ 8750 rpm Max rpm: 8750  
 Drive: FWD  RWD\_\_ 4WD-FT\_\_ 4WD-PT\_\_  
 Regenerative Braking: No\_\_ Yes  FW  RW\_\_ AW\_\_  
 Driver Controlled Regen Braking: Yes  No\_\_ Coast Regen Braking: Yes\_\_ No\_\_  
 Air Conditioning: Yes  No\_\_  
 Fuel Fired Heater: No\_\_ Yes  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: