File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-791
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

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 1998 model-year Ford Motor Company new pure electric motor vehicles are certified as described below for light-duty trucks:

Emission Standard Category: Zero-Emission Vehicle (ZEV)

Fuel Type: Battery-Stored Electricity

Engine Family: WFMXT0C.02Z5

Battery Type: Lead-Acid

Vehicle Model: Ranger Electric

BE IT FURTHER RESOLVED: That because the listed vehicle models are powered by battery-stored electricity and have no on-board systems which consume any fuel other than electricity, the vehicles produce zero exhaust or evaporative emissions of any criteria pollutant (or precursor pollutant) and therefore qualify as ZEVs according to Title 13, California Code of Regulations, Section 1960.1(g)(1), note (2.1); the listed vehicle models also meet the definition of "low-emission motor vehicle" set forth in Health and Safety Code Sections 39037.05 and 43800.

BE IT FURTHER RESOLVED: That the listed vehicle models have been demonstrated, based on vehicle range capabilities or on the specific energy of the battery, to qualify for and shall be granted two ZEV credits pursuant to Title 13, California Code of Regulations, Section 1960.1(g)(2), note (9)a.

BE IT FURTHER RESOLVED: That the listed vehicle models shall not be equipped with any fuel-fired auxiliary power sources or heaters.

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 El Monte, California this 18th day of November 1997.

R. B. Summerfield, Chief
Mobile Source Operations Division

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1998 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: FORD Engine Family: WFMXT00.02Z5
Veh Class(es): PC__ LDT1__ LDT2_X MDV1__ MDV2__ MDV3__ MDV4__ MDV5__
No. of ZEV Credits per vehicle: 2
Fuel Type: Electro Chemical Battery_X Fuel Cell__ Capacitor__ Other (specify)____
Battery Type(s): Lead Acid_XX 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: 1920 Total Battery Volume: .03M³ Battery Voltage: 8V
No. of batteries or modules per vehicle: 39 Total Battery Voltage: 312
Charger(s): on-board_XX off-board___ conductive_XX inductive___
Drive Motors(s): AC Induction_XX DC Brush___ DC Brushless___
Switched Reluctance___ Other (specify):____
No. of Drive Motors_1_ Rated motor power_67KW @___rpm
Drive: FWD___ RWD_XX 4WD-FT___ 4WD-PT
Regenerative Braking: No___ Yes_XX FW___ RW_XX AW___
Driver Controlled Regen Braking: Yes_XX No___ Coast Regen Braking: Yes_XX No___
Air Conditioning: Yes_XX No___
Fuel Fired Heater: Fuel Type: Gas___ Diesel___ CNG___ LNG___
LPG___ Other (specify):____ 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
RANGER ELECTRIC	A1	5400	4728	5000	14.98

Engine Family: WFMXT00.02Z5 17.02.00-1
Date Issued: OCT 3 1 1997
Revisions: