State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-114
Relating to Certification of New Motor Vehicles

MAZDA MOTOR CORPORATION

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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1990 model-year Mazda Motor Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LTK1.3V5HCB7 Displacement: 1.3 Liters (80 Inches^3)
Equipped with the following exhaust emission control systems:

Secondary Air Injection
Oxygen Sensor
Warm Up Three-Way Catalyst
Three-Way Catalyst
Oxidation Catalyst
Multipoint Electronic Fuel Injection
On-Board Diagnostics (Exempted)

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

The following are the exhaust emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.39	7.0	0.4

The following are the certification exhaust emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.24	1.4	0.3

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered 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" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards 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 listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

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 (California Health and Safety Code Section 43205).

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 7th ~~day of~~ July, 1989.

for K. D. Drachand, Chief
Mobile Source Division

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Manufacturer Mazda Moter Corporation Eng. Family LTK1.3V5HCB7

Pass Cars X Lt-Duty Trucks___ Med-Duty Vehicles___ Gas X Diesel___

Eng. Type R-2 Liter (CID) 1.3(40.0 x 2) Evap. Family B

Emission Control Sys. (Use SAE Abbrv.) AIP, OS, WUTWC, OC, TWC

Engine: Front X Mid.___ Rear___ Drive: FWD___ RWD X 4WD-FT___ 4WD-PT___

Eng. Code/ (Cert Std.)	Veh. Models (if Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
CR13-M (Std:*)	Mazda RX-7	M-5	3125	6.4 *1 *3 *4	Crank Angle Sensor N326 18 230	Not Applicable	N350 20 550A & N350 20 600A
			3375	6.7 *2			
CR13-MC (Std:*)			3125	7.0 *1 *3 *5			
			3375	7.4 *2	Control Unit N350 18 881 N352 18 881		
CR13-A (Std:*)		A-4	3125	6.4 *1 *4			
			3375	6.7 *2			
CR13-AC (Std:*)			3125	7.0 *1 *5			
			3375	7.4 *2			

*: Certification Standard:
Non-Methane HC: 0.39
CO: 3.4
NOx: 0.4
Evap.: 2.0

Note)
*1: for 205/60R15 89H Tire
*2: for 205/60VR15 Tire
*3: for 205/55VR16 Tire
*4: for 205/60VR15 Tire, Emission test was conducted at DPA 6.5 horse power.
*5: for 205/60R15 Tire, Emission test was conducted at DPA 7.1 horse power.

Date of Issue: May 22, 1989 Revisions: