State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-131
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 1991 model-year Mazda Motor Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: MTK4.0T5FCP3 Displacement: 4.0 Liters (244 Cu. Inches)
Equipped with the following exhaust emission control systems:

Heated Oxygen Sensor
Three-Way Catalysts (Two)
Multipoint Electronic Fuel Injection

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

The following are the emission standards for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
3751-5750	0.50	9.0	1.0

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

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
3751-5750	0.12	3.0	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 Tune-Up Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with 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 of 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 9th day of July, 1990.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-16-131

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer MAZDA MOTOR COMPANY Eng. Family MTK4.0T5FCP3

Pass Cars___ Lt-Duty Trucks X Med-Duty Vehicles___ Fuel Type Gas

Eng. Type V6 Liter (CID) 4.0L (244) Evap. Family P

Emission Control System & Special Features MPI/HO2S/TWC(2)
(Use abbreviations per SAE J1930 June88)

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

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No	Catalyst Part No. -5E212-
057RR00A	Navajo 4x4 2Dr	M5	4250	13.2	F07F-YA	N/A	F07A-AC
058PR00A	Navajo 4x4 2Dr	A4	4500	13.2	F07F-ACB	N/A	F07A-AC

Certification Standards
NMHC: 0.50
CO: 9.0
NOx: 1.0
EVAP: 2.0

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1991 MODEL YEAR CERTIFICATION REVIEW SHEET
EXHAUST/EVAPORATIVE SYSTEM & CALIFORNIA REQUIREMENTS

Mfgr. MAZDA MOTOR COMPANY Engine Family MTK4.0T5FCP3
PC___ LDT X MDV___ Fuel Type GAS Engine Code Types: CA X 49S___ 50S___
Liter (CID) 4.0L (244) Rated HP 170 @ 4250 RPM Valves/Cyl 2 Engine Type V6
Evaporative Family P Type Certification: 50K X 100K___ AB965___ (3.700) LDT only
Exhaust Control System and Special Features MPI/HO2S/TWC (2)
(Use abbreviations per SAE J1930 June88)

	Section/Page		Section/Page
1 Authorized Representative	01	13 Evap. Bench Test Procedure	N/A
2 Fuel, Test Equipment Procedures & Route	03,04,05	14 Gen. Std., Increase in Em., Safety, Mtg. All Requirements	16
3 Warr. State & Parts List	06,17,20		
		15 Prod. Veh. Same as Test Veh.	17
4 Maint: Cert/Req'd/Recm'd	06	16 Emiss. Label Durability	17
5 Emiss. Lab./Vac. Hose Diag.	07	17 Driveability	17
6 Evap. Control System	08	18 Fill Pipe Specifications	17
7 Engine Parameters	08,20	19 Altitude A/F Req'ment	08,17
8 Fuel/Ignition Systems	08	20 Cert. Preview Program	17
9 Exhaust Control System	08	21 OBD System	08
10 Projected Sales	N/A	22 EPA Certificate	After E.O.
11 Vehicle Description	20	23 Two Year/24K Warranty	See Warranty book

12 Test Vehicle Information	Dur. ID	Dur. MY	Emis. ID	Emis. MY
C/O MY or C/A	061-4.0-568	90		
Vehicle Logs	12		12	
Zero Mile Books				
Maint. Logs & Engr. Eval.	12		12	

Veh. ID	Code (Displ)	Trans	ETW	RLHP	MPG City/Hwy	Test Loc.	PROJECTED EMISSIONS(1) HC	CO	NOx	Hwy NOx	CO_2	(2) 50K Evap or Part
121-4.0-F-789	058PR00A (4.0L)	DM042 (A4)	4500	13.2	16.7/25.5	MFR	.12	3.0	.14	.06	528	N/A
122-4.0-C-136	057RR00A (4.0L)	RQ340 (M5)	4500	13.2	18.1/26.1	MFR	.12	3.0	.28	.04	487	N/A
9E1-5.8-F-764	964ER00A	C6037	5500	17.3	--/--	MFR	--	--	--	--	--	1.4

(1) The emission data veh(s) above comply with stds of: 0.50 9.0 1.0 2.0 n/a 2.0
And includes deterioration factors of: 1.000 1.154 1.000 1.00 n/a 0.1

(2) Evaporative DF is the average of: Vehicle DF 0.22 and Bench DF 0.01

Remarks

Application Processed by Sheryn Chen Date 7/3/90 Reviewed by On for MAB Date 070590

ENGINE FAMILY: M4.0TCP
ISSUED:
REVISED: