File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-117
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 light-duty trucks:

Engine Family: LTK2.6T5FHC6 Displacement: 2.6 Liters (159 Inches^3)
Equipped with the following exhaust emission control systems:

Oxygen Sensor
Three-way 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 emission standards for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.39	9.0	0.4

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)
0-3750	0.23	3.3	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 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 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 29th day of August, 1989.

for K. D. Drachand, Chief
Mobile Source Division

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Manufacturer Mazda Motor Corporation Eng. Family LTK2.6T5FHC6

Pass Cars___ Lt-Duty Trucks X Med-Duty Vehicles___ Gas X Diesel___

Eng. Type I-4 Liter (CID) 2.6L(159CID) Evap. Family H

Emission Control Sys. (Use SAE Abbrv.) OS,TWC, EPFI, OBD(EXEMPT)

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.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
CG6T-M (Std.:*3)	Mazda B2600i(4x2)	M-5	3250	11.9	Distributor G609	---	G607
			3375	12.1			
CG6T-MC (Std.:*3)			3250	11.9			
			3375	12.1			
CG6T-A (Std.:*3)		A-4	3250	11.9			
			3375	12.1			
CG6T-AC (Std.:*3)			3375	12.1			
			3500	12.3			
CG6T4-M (Std.:*3)	Mazda B2600i(4x4)	M-5	3625	14.7*1			
				15.1*2			
			3750	14.8*1			
				15.0*2			
CG6T4-MC (Std.:*3)			3625	14.7*1			
				15.1*2			
			3750	14.8*1			
				15.0*2			
CG6T4-A (Std.:*3)		A-4	3750	14.8*1			
				15.0*2			
CG6T-AC (Std.:*3)			3750	14.8*1			
				15.0*2			
			3875	14.9*1			
				15.1*2			

*1: for P215/75R15 tire
*2: for P235/75R15 tire
*3: Certification Standard

Non-Methane HC:0.39
CO:9.0
NOx:0.4
Evap.: 2.0

Date of Issue: July 1, 1989 Revisions: