State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-253 Relating to Certification of New Motor Vehicles

ZIMMER 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 1983 model-year Zimmer Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks.

Engine Family	Displac Cubic Inche		Exhaust Emission Control Systems (Special Features)
DZM2.6T6FXX3	163	(2.7)	Three-Way Catalyst with Closed Loop (Mechanical Fuel Injection)

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

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Equ	ı va	le	nt.

İnertia	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Weight	Grams per Mile	Grams per Mile	Grams per Mile
4000-5999	0.50	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4000-5999	0.35	5.3	0.8

Zimmer Corporation

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 Administrative Code, 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 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 22'

day of July, 1983.

K. D. Drachand, Chief Mobile Source Control Division

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T			198 A	IR RESOL	JRCES BOA	RD SUPPLEMENTA	AL DATA SHEET	**************************************		
		Pass	enger Cars <u>X</u> Li	ght-Duty	/ Trucks	Medium-Du	uty Vehicles	X_Gas	Diesel	
		Manu	facturer <u>Zimmer</u>	Corporat	ion		Page	2		
	<u> </u>	Engi	ne Family DZM2.6T	6FXX3			Engine Code 83A			
	ECS (Special Features) TWC-CL (MFI)				CID (Liter)- Type 163 (2.7) V6					
-		Engine Code	Vehicle Models (If Coded see	Trans.	Equiv. Test	Ign. System Bosch	Fuel System (MFI)	EGR Valve	Label Ident.	
			attachment)		We ig ht	Part No.	Part No.	Part No.	Part No.	
-		83A	Mobile Traveler	A3	5250	Bosch 0280-800-050	Bosch - Fuel	n/a		
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Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -



1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 1

Manufacturer <u>Zimmer Corporation</u>	Executive Order No. <u>A-253</u>
Engine Family _DZM2.6T6FXX3	Evaporative Family DZM2.6T6FXX3
	Engine CID (Liters) 163 (2.7) V6

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ABBREVIATIONS

Ignition System	Exhaust Emissions Control System	Special Features
CA-Centrifugal Advance EEC-Electronic Engine Control EI-Electronic Ignition ESAC-Electronic Spark Advance Control VA-Vacuum Advance VR-Vacuum Retard	AIP-Air Injection-Pump AIV-Air Injection-Valve CL-Closed Loop EGR-Exhaust Gas Recirculation EM-Engine Modification OC-Oxidation Catalyst System TR-Thermal Reactor TWC-Three-Way Catalyst System	CCV-Combustion Chamber Valve CFI-Central Fuel Injection DID-Diesel Injection- Direct DIP-Diesel
Fuel System CFI, CL, DID, DIP, EFI, MFI nV-nVenturi Carburetor VV-Variable Venturi		Injection- Prechamber EFI-Electronic Fuel Injection MFI-Mechanical Fuel Injection TC-Turbocharged
VEHICLE MODELS:		

Astron Mobile Traveler

DRIVE SYSTEM: Front (N-S) Engine/ Front-Wheel Drive