State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-158-B Relating to Certification of New Motor Vehicles

MERCEDES-BENZ AG

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 1996 model-year Mercedes-Benz AG exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: TMB6.0VJGFEK <u>Displacement</u>: 6.0 Liters (365 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Secondary Air Injection Dual Three Way Catalytic Converters Dual Heated Oxygen Sensors (Two) Sequential Multiport Fuel Injection

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

The certification exhaust emission standards (in-use compliance standards in parentheses) for this engine family in grams per mile are:

	Non-Methane	Carbon	Nitrogen	Carbon
Miles	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	Monoxide (20 ⁰ F)
50,000	0.25 (0.32)	3.4 (5.2)	0.4 (0.4)	10.0 (10.0)
100,000	0.31 (n/a)	4.2 (n/a)	0.6 (n/a)	n/a

The certification exhaust emission values for this engine family in grams per mile are:

<u> Miles</u>	Non-Methane <u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	Carbon <u>Monoxide (20⁰F)</u>
50,000	0.14	1.2	0.1	3.3
100,000	0.14	1.3	0.1	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth 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 under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That, based on a separate compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance as set forth 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 submitted alternative in-use compliance plan satisfies the requirement that a maximum of 20 percent of the manufacturer's projected sales of 1996 model-year California-certified passenger cars and light-duty trucks will be subject to alternative in-use compliance as stipulated in the above-referenced standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements—1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 (Title 13, California Code of Regulations, Section 2035 et seq.).

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 25 day of September 1995.

R. B. Summerfield

Assistant Division Chief Mobile Source Division

E.O.# A-3-158-B

199 6 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:	Mercedes-Benz	E>	ch Eng Fan	1: TMB6.	OVJGFEK	Evap Fam: TMB	31155AYME0
	in Eng Fam: CA						
Exh Std: CA	Tier-IX TL	EV	LEV	ULEV	ZEV	; US E	PA Tier-1_X
	K Useful Li						
Veh Class(es)	: PC_X LDT1_	LDT2_	בייסא	I	MDV2NDV	/3 MDV4_	MDV5
	itd for Multi-Cla						
Fuel Type(s):	Dedicated \times	Flex-Fuel_	Dual-	Fue1	Bi-Fuel	_ Gasoline_	X Diesel
	CNGLNG						
Emiss Test Fu	$sel(s): Indo_X$	Ph2	NG LF	'G 1	185 Oth	er (specify)_	
							86.113-94
	n: Std AMA_X_						
NMOG Test Pro	cedure: N/A <u>X</u>	Std	Equiv_	1	R/L Test Prod	c: SHED	Pt Source X
Hybrid: Type	A B C,	APU Cyc	le (e.g.,	Otto, I	Diesel, Turb	ine):	
Engine Config	uration: V-12	Displacer	ment: <u>6.0</u>		Liters _	365 /	_Cubic Inches
Y "ves per Cy	linder: 4		Rated	1 HP:	389	<u>@ 5200</u>	RPM
Engine: From	nt X Mid	Rear	Drive	: FWD	RWD X	_ 4WD-FT	4WD-PT
Exhaust ECS (e.g., MFI, EGR,	TC, CAC):	SFI/AIR/2	H02S(2)	/2TWC/ 0BDII	r SAE J1930 S	(FPQ1)
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Engine Code	Vehicle Models	Trans. (M5, A4	ETW or	DPA	Ignition (FCM/PCM)	EGR System	Catalytic
CA/49ST/50ST	(if coded see attachment)	etc.)	Test Wt.	or RLHP	Part No.	Part No.	Catalytic Converter Part No.
		1			0205452232		140 490 22 141
M120-3	\$600	, A.J	7230	0.7			140 490 26 14
1							140 490 24 141
						į	140 490 28 14
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