State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-191 Relating to Certification of New Motor Vehicles

DAIMLERCHRYSLER 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 2000 model-year DaimlerChrysler AG exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: YMBXV05.5GNB Displacement: 5.5 Liters (332 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Sequential Multiport Fuel Injection Secondary Air Injection Exhaust Gas Recirculation Dual Three Way Catalytic Converters Dual Warm Up Three Way Catalytic Converters Dual Heated Oxygen Sensors (two)

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

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

Miles	Non-Methane <u>Organic Gases</u>	Carbon <u>Monoxide</u>	Nitrogen 	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2		0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for non-methane organic gases (NMOG) reflect application of a 0.94 RAF for 2000 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	Non-Methane <u>Organic Gases</u>	Carbon <u>Monoxide</u>	Nitrogen Oxides	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000	0.012	0.1	0.1	0.0003	2.8
100,000	0.012		0.1	0.0004	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 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 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 vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, 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 vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit 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 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.

DAIMLERCHRYSLER AG

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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 $\frac{25}{26}$ day of June 1999.

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R. B. Summerfield, Chief Mobile Source Operations Division

2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: DaimlerChrysler A		oine Family: `	YMBXV05.	5GNB	Evap. Family: YMB	XR0155MNZ
Manufacturer: DaimlerChrysler A All Eng. Codes in Eng. Fam.:		405	505 X	AB965	OVRV Yes	X NO
All Eng. Codes in Eng. Fam.:	CA	493				
All Eng. Codes in Eng. Fam.: Exh. Std.: CA Tier-1 TI	LEV	LEV <u>X</u>	ULEV	SULEV.		MDV/5
	' IDT1	1012	MUVI	IVIL V Z	1410 40	
and the Class E	no Fam.:	N/A (spe	CITY: N/A		vi, 100 v2, 100 v	,
E us Tune (a): Dedicated X	Flex-Fue	i Dual-i	-uei	DI-FUEI		
CNG I	ing L	PG M8	5 (Uther (specia	y)	
Emiss. Test Fuel(s): Indo		CNG	I PG	M85	Other (specify)	
Emiss. Test Fuel(s): Indo	_ 080 _		40.05		40 CFF	R 86.113-94
Diesel:	13 CCR	2282	40 UM	R 80.110-50		
Evaporative Emmision Test Pro	cedure:	California		Federal	<u>X</u>	
AMA Std AMA	X Mod. Al	MA N	Mfr ADP	Other	(specity)	
	NVA S	ud X Fou	iv I	R/L Test Pro		
NMOG Test Procedure: Engine Configuration:				Liter	s 332 —	Cubic Inches
Engine Configuration:	<u>V-8</u>	Displacemen	IC			RPM
	2		Rated F	1F. 343@3	0000	
	Dan	r LINVA			A 4000	
Engine: Front X Middle Exhaust ECS (eg., MFI, EGR, TC		SF		SR / 2H02S (2) / 2 WU-TWC / 2	TWC
Exhaust ECS (eg., MFI, EGR, 10	, 040)		(use abbr	eviations per	SAE J1930 JUN9	3)

Engine Code (also list CA/49ST/ <u>50ST)</u> M113-55	1.	Trans. Type (A 4, M 5, etc.) L-5	ETW or Test Wt 4 000	DPA or <u>RLHP</u> 6.9	Ignition (ECM/PCM) Part No. A0265453132	EGR System Part No. A1121400060	Catalytic Converter Part No. A2104900236 (underhood) A2104900336 A2104900436
							(underfloor)

Date Issued: