State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-177-A-1
Relating to Certification of New Motor Vehicles

DAIMLER-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 1999 model-year Daimler-Benz 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: XMBXV03.2GNB Displacement: 3.2 Liters (195 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 Organic Gases	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2	0.3	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 1999 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Organic Gases	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.014	0.2	0.1	0.001	2.8
100,000	0.014	0.2	0.1	0.003	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: (For E320 only) 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.

BE IT FURTHER RESOLVED: (For C280 and CLK320 only) That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty vehicles and Engines").

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.

Executive Order A-3-177-A dated July 24, 1998, is superseded by Executive Order A-3-177-A-1.

Executed at El Monte, California this 29th day of October 1998.

R. B. Summerfield, Chief
Mobile Source Operations Division

E. O. # A-3-177-A-1

1999 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: **Daimler-Benz** Exh. Eng Family: **XMBXV03.2GNB** Evap. Family: **XMBXR0155MNZ**

All Eng Codes in Eng Fam: CA ____ 49S ____ 50S X AB965 ____ ORVR Yes X No ____

Exh Std: CA Tier-1 ____ TLEV ____ LEV X ULEV ____ SULEV ____ US EPA ~~Tier-1~~ **NLEV**

Veh Class(es): PC X LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5

Single Cert Std for Multi-Class Eng Fam: **N/A** (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel ____ Dual-Fuel ____ Bi-Fuel ____ Gasoline X Diesel ____

CNG ____ LNG ____ LPG ____ M85 ____ Other (specify) ____

Exh. Emiss Test Fuel(s): Indo ____ CBG X CNG ____ LPG ____ M85 ____ Other (specify) ____

Diesel: 13 CCR 2282 ____ 40 CFR 86.113-90 ____ 40 CFR 86.113-94 ____

Evaporative Emission Test Procedure: California ____ Federal X

Service Accum: Std AMA X Mod AMA ____ Mfr ADP ____ Other (specify) ____

NMOG Test Procedure: N/A ____ Std X Equiv ____ R/L Test Proc. SHED X Pt Source ____

Engine Configuration: **V-6** Displacement: **3.2** Liters **195** Cubic Inches

Valves per Cylinder: **3** Rated HP: **217 @ 5700** RPM

Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT X 4WD-PT ____

Exhaust ECS (eg., MFI, EGR, TC, CAC): **SFI / AIR / EGR / 2 HO2S(2) / 2 WU-TWC / 2 TWC**

(use abbreviations per **SAE J1930 JUN93**)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type (A 4, M 5 etc)	~~ETW or Test Wt~~	~~DPA~~ or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M 112-32	E 320 (Sedan, RWD)	L 5	3 875	6.5	A 024 545 59 32 or A 025 545 86 32	A 112 140 00 60	A 210 490 25 14 (underhood) A 210 490 44 14 or A 210 490 45 14 (underfloor)
M 112-32	E 320 (Sedan, 4WD-FT)	L 5	4 000	8.0	A 024 545 59 32 or A 025 545 86 32	A 112 140 00 60	A 210 490 25 14 (underhood) A 210 490 44 14 or A 210 490 45 14 (underfloor)

Date Issued: Revisions:

E. O. # A-3-177-A-1

1999 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: **Daimler-Benz** Exh. Eng Family: **XMBXV03.2GNB** Evap. Family: **XMBXR0155MNZ**

All Eng Codes in Eng Fam: CA ____ 49S ____ 50S X AB965 ____ ORVR Yes X No ____

Exh Std: CA Tier-1 ____ TLEV ____ LEV ____ ULEV X SULEV ____ US EPA ~~Tier-1~~ NLEV

Veh Class(es): PC X LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel ____ Dual-Fuel ____ Bi-Fuel ____ Gasoline X Diesel ____

CNG ____ LNG ____ LPG ____ M85 ____ Other (specify) ____

Exh. Emiss Test Fuel(s): Indo ____ CBG X CNG ____ LPG ____ M85 ____ Other (specify) ____

Diesel: 13 CCR 2282 ____ 40 CFR 86.113-90 ____ 40 CFR 86.113-94 ____

Evaporative Emission Test Procedure: California ____ Federal X

Service Accum: Std AMA X Mod AMA ____ Mfr ADP ____ Other (specify) ____

NMOG Test Procedure: N/A ____ Std X Equiv ____ R/L Test Proc. SHED X Pt Source ____

Engine Configuration: V-6 Displacement: 3.2 Liters 195 Cubic Inches

Valves per Cylinder: 3 Rated HP: 217 @ 5700 RPM

Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT X 4WD-PT ____

Exhaust ECS (eg., MFI, EGR, TC, CAC): SFI / AIR / EGR / 2 HO2S(2) / 2 WU-TWC / 2 TWC

(use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (If coded see attachment)	Trans. Type (A 4, M 5 etc)	~~ETW~~ or ~~Test Wt~~	~~DPA~~ or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M 112-32	E 320 (Station Wagon) RWD	L 5	4 000	7.4	A 024 545 59 32 or A 025 545 86 32	A 112 140 00 60	A 210 490 25 14 (underhood) A 210 490 44 14 or A 210 490 45 14 (underfloor)
M 112-32	E 320 (Station Wagon 4WD-FT)	L 5	4 250	9.0	A 024 545 59 32 or A 025 545 86 32	A 112 140 00 60	A 210 490 25 14 (underhood) A 210 490 44 14 or A 210 490 45 14 (underfloor)

Date Issued: Revisions:

E. O. # A-3-177-A-1

1999 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Daimler-Benz Exh. Eng Family: XMBXV03.2GNB Evap. Family: XMBXR0155LNZ

All Eng Codes in Eng Fam: CA ____ 49S ____ 50S X AB965 ____ ORVR Yes X No ____

Exh Std: CA Tier-1 ____ TLEV ____ LEV X ULEV ____ SULEV ____ US EPA ~~Tier-1~~ NLEV

Veh Class(es): PC X LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel ____ Dual-Fuel ____ Bi-Fuel ____ Gasoline X Diesel ____

CNG ____ LNG ____ LPG ____ M85 ____ Other (specify) ____

Exh. Emiss Test Fuel(s): Indo ____ CBG X CNG ____ LPG ____ M85 ____ Other (specify) ____

Diesel: 13 CCR 2282 ____ 40 CFR 86.113-90 ____ 40 CFR 86.113-94 ____

Evaporative Emission Test Procedure: California ____ Federal X ____

Service Accum: Std AMA X Mod AMA ____ Mfr ADP ____ Other (specify) ____

NMOG Test Procedure: N/A ____ Std X Equiv ____ R/L Test Proc. SHED X Pt Source ____

Engine Configuration: V-6 Displacement: 2.8 / 3.2 Liters 171 / 195 Cubic Inches

Valves per Cylinder: 3 Rated HP: 194 @ 5800 / 215 @ 5700 RPM

Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT X 4WD-PT ____

Exhaust ECS (eg., MFI, EGR, TC, CAC): SFI / AIR / EGR / 2 HO2S(2) / 2 WU-TWC / 2 TWC

(use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type (A 4, M 5 etc)	~~ETW or Test Wt~~	~~DPA or~~ RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M 112-28	C 280	L 5	3 625	7.3	A 025 545 59 32	A 112 140 00 60	A 210 490 98 14 or A 202 490 99 14 (underhood) A 210 490 44 14 or A210 490 45 14 (underfloor)
M 112-32A	CLK 320	L 5	3 625	5.9	A 024 545 59 32	A 112 140 00 60	A 202 490 98 14 or A 202 490 99 14 (underhood) A 210 490 44 14 or A 210 490 45 14 (underfloor)

Date Issued: Revisions:

E. O. # A-3-177-A-1

1999 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Daimler-Benz Exh. Eng Family: XMBXV03.2GNB Evap. Family: XMBXR0155LNZ

All Eng Codes in Eng Fam: CA ___ 49S ___ 50S X AB965 ___ ORVR Yes X No ___

Exh Std: CA Tier-1 ___ TLEV ___ LEV X ULEV ___ SULEV ___ US EPA ~~Tier-1~~ NLEV

Veh Class(es): PC X LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel ___ Dual-Fuel ___ Bi-Fuel ___ Gasoline X Diesel ___

CNG ___ LNG ___ LPG ___ M85 ___ Other (specify) ___

Exh. Emiss Test Fuel(s): Indo ___ CBG X CNG ___ LPG ___ M85 ___ Other (specify) ___

Diesel: 13 CCR 2282 ___ 40 CFR 86.113-90 ___ 40 CFR 86.113-94 ___

Evaporative Emission Test Procedure: California ___ Federal X

Service Accum: Std AMA X Mod AMA ___ Mfr ADP ___ Other (specify) ___

NMOG Test Procedure: N/A ___ Std X Equiv ___ R/L Test Proc. SHED X Pt Source ___

Engine Configuration: V-6 Displacement: 2.8 / 3.2 Liters 171 / 195 Cubic Inches

Valves per Cylinder: 3 Rated HP: 194 @ 5800 / 215 @ 5700 RPM

Engine: Front X Mid ___ Rear ___ Drive: FWD ___ RWD X 4WD-FT ___ 4WD-PT ___

Exhaust ECS (eg., MFI, EGR, TC, CAC): SFI / AIR / EGR / 2 HO2S(2) / 2 WU-TWC / 2 TWC

(use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type (A 4, M 5 etc)	ETW ~~or Test Wt~~	~~DPA or~~ RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M 112-32A	CLK 320 Convertible	L 5	4 000	5.9	A 025 545 86 32	A 112 140 00 60	A 202 490 98 14 or A 202 490 99 14 (underhood) A 210 490 44 14 or A 210 490 45 14 (underfloor)

Date Issued: Revisions:

E. O. # A-3-177-A-1

1999 MODEL-YEAR AIR RESOURCES BOARD
CERTIFICATION REVIEW SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

(6.638)

Manufacturer: **Daimler-Benz** Exh. Engine Family: **XMBXV03.2GNB** Evap Family **XMBXR0155MNZ**

All Eng Codes in Eng Fam: CA ___ 49S ___ 50S X AB965 ___ ORVR Yes X No ___

Exh Std: CA Tier-1 ___ TLEV ___ LEV X ULEV ___ SULEV ___ US EPA ~~Tier-1~~ NLEV

Veh Class(es): PC X LDT1 ___ LDT2 ___ MDV1 ___ MDV2 ___ MDV3 ___ MDV4 ___ MDV5 ___

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel ___ Dual-Fuel ___ Bi-Fuel ___ Gasoline X Diesel ___

CNG ___ LNG ___ LPG ___ M85 ___ Other (specify) ___

Emiss Test Fuel(s): Indo ___ CBG X CNG ___ LPG ___ M85 ___ Other (specify) ___

Diesel: 13 CCR 2282 ___ 40 CFR 86.113-90 ___ 40 CFR 86.113-94 ___

Evaporative Emission Test Procedure: California ___ Federal X

Service Accum: Std AMA X Mod AMA ___ Mfr ADP ___ Other specify) ___

NMOG Test Procedure: N/A ___ Std X Equiv ___ R/L Test Proc: SHED X Pt Source ___

Engine Configuration: V-6 Displacement: 3.2 Liters 195 Cubic Inches

Valves per Cylinder: 3 Rated HP: 217 @ 5700 RPM

Engine: Front X Mid ___ Rear ___ Drive: FWD ___ RWD X 4WD-FT X 4WD-PT ___

Exhaust ECS (eg., MFI, EGR, TC, CAC): SFI / AIR / EGR / 2 HO2S (2) / 2 WU-TWC / 2 TWC

(use abbreviations per **SAE J1930 JUN93**)

	Sect. / Page #		Sect./ Page #
1 Authorized Representative	01	22 Gen Std, Increase in Emiss, Safety, Meets al Reqmts	16
2 Fuel Specifications	03	23 Driveability Statement	17
3 Test Equipment	04	24 Adjustable Parameters	17
4 Test Procedure	05	25 Tamper Resistance Method(s)	08
5 Mileage Accumulation Route	05	26 Fill Pipe Specifications	17
6 Emission Warranty Statement	17 attached	27 High Altitude Compliance	17
7 Maint: Cert/Req'd/Recm'd	06	28 OBD Sys incl. Marked Revisions	08
8 Emiss Label/Vac Hose Diag	07	29 I&M Test Procedure & Data	17 attached
9 Evap Control System	08 / 09	30 50 Degree F Compliance	17
10 Engine Parameters	Description and cal.	31 Manufacturer's RAF	N/A
11 Fuel System	see sect. 08 and	32 Phase-In Sched: ORVR Cert Std	17
12 Ignition System	10 of engine	Full Range Misfire Monitoring	Section 08.21
13 Exhaust Control System	family	LEV CAT Monitoring -- 1 x 5 Std	Section 08.21
14 Proj Sales (LDT/MDV Split)	17	0.020" Orifice- Based Leak Chk	N/A
15 Vehicle Description	10	MDV VEC Calculation	N/A
16 Evap Bench Test Procedure	17	33 NMOG Fleet Average Calculation	17
17 R/L Temp. / Press. Profile	09	34 AB965 Credits / Withdrawals	N/A
18 EDV Selection	17	35 EPA Certificate	copy incl. 200LEV08
19 Prod Veh same as Test Veh	17	36 Equiv. NMOG Proc.-ARB Approval	N/A
20 Emission Label Durability	17		

21 Test Vehicle Information	Durability Data Vehicle	Emission Data Vehicle	Emission Data Vehicle	Emission Data Vehicle (Evap)
C/O or C/A MY & ID	c/o '98 E 320	'98 E320 (Sedan) (RWD)	'98 E320 (Wagon) (4 WD)	'98 E320 (Wagon) (4 WD)
Vehicle Log Page(s)	S210E32 - Z 8009	W210E32 - Z 8013	S210E32 - Z 8014	S210E32-Z8014
		c/o '98 data	new data '99	new data '99
Zero Mile Book Page(s)	sect. 12	sect. 12	sect. 12	sect. 12
Maint Logs & Engr Eval				

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1999 MODEL-YEAR AIR RESOURCES BOARD
CERTIFICATION REVIEW SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

(4.971)

Manufacturer: Daimler-Benz Exh. Engine Family: XMBXV03.2GNB Evap Family XMBXR0155LNZ

All Eng Codes in Eng Fam: CA ___ 49S ___ 50S X AB965 ___ ORVR Yes X No ___

Exh Std: CA Tier-1 ___ TLEV ___ LEV X ULEV ___ SULEV ___ US EPA ~~Tier-1~~ NLEV

Veh Class(es): PC X LDT1 ___ LDT2 ___ MDV1 ___ MDV2 ___ MDV3 ___ MDV4 ___ MDV5 ___

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel ___ Dual-Fuel ___ Bi-Fuel ___ Gasoline X Diesel ___

CNG ___ LNG ___ LPG ___ M85 ___ Other (specify) ___

Emiss Test Fuel(s): Indo ___ CBG X CNG ___ LPG ___ M85 ___ Other (specify) ___

Diesel: 13 CCR 2282 ___ 40 CFR 86.113-90 ___ 40 CFR 86.113-94 ___

Evaporative Emission Test Procedure: California ___ Federal X

Service Accum: Std AMA X Mod AMA ___ Mfr ADP ___ Other specify) ___

NMOG Test Procedure: N/A ___ Std X Equiv ___ R/L Test Proc: SHED X Pt Source ___

Engine Configuration: V-6 Displacement: 2.8 / 3.2 Liters 171 / 195 Cubic Inches

Valves per Cylinder: 3 Rated HP: 194 @ 5800 / 215 @ 5700 RPM

Engine: Front X Mid ___ Rear ___ Drive: FWD ___ RWD X 4WD-FT ___ 4WD-PT ___

Exhaust ECS (eg., MFI, EGR, TC, CAC): SFI / AIR / EGR / 2 HO2S (2) / 2 WU-TWC / 2 TWC

(use abbreviations per SAE J1930 JUN93)

	Sect. / Page #		Sect./ Page #
1 Authorized Representative	01	22 Gen Std, Increase in Emiss,	
2 Fuel Specifications	03	Safety, Meets al Reqmts	16
3 Test Equipment	04	23 Driveability Statement	17
4 Test Procedure	05	24 Adjustable Parameters	17
5 Mileage Accumulation Route	05	25 Tamper Resistance Method(s)	08
6 Emission Warranty Statement	17 attached	26 Fill Pipe Specifications	17
7 Maint: Cert/Req'd/Recm'd	06	27 High Altitude Compliance	17
8 Emiss Label/Vac Hose Diag	07	28 OBD Sys Incl. Marked Revisions	08
9 Evap Control System	08 / 09	29 I&M Test Procedure & Data	17 attached
10 Engine Parameters	Description and cal.	30 50 Degree F Compliance	17
11 Fuel System	see sect. 08 and	31 Manufacturer's RAF	N/A
12 Ignition System	10 of engine	32 Phase-In Sched: ORVR Cert Std	17
13 Exhaust Control System	family	Full Range Misfire Monitoring	Section 08.21
14 Proj Sales (LDT/MDV Split)	17	LEV CAT Monitoring -- 1 x 5 Std	Section 08.21
15 Vehicle Description	10	0.020" Orifice- Based Leak Chk	N/A
16 Evap Bench Test Procedure	17	MDV VEC Calculation	N/A
17 R/L Temp. / Press. Profile	09	33 NMOG Fleet Average Calculation	17
18 EDV Selection	17	34 AB965 Credits / Withdrawals	N/A
19 Prod Veh same as Test Veh	17	35 EPA Certificate	copy incl. 200 LDV17
20 Emission Label Durability	17	36 Equiv. NMOG Proc.-ARB Approval	N/A

21 Test Vehicle Information	Durability Data Vehicle	Emission Data Vehicle	Emission Data Vehicle	Emission Data Vehicle (Evap)
C/O or C/A MY & ID	c/o '98 E 320	'98 E320 (Sedan) (RWD)	'98 E320 (Wagon) (4 WD)	new Vehicle
Vehicle Log Page(s)	S210E32 - Z 8009	W210E32 - Z 8013	S210E32 - Z 8014	A208E32-Z9001
		c/o '98 data	new data '99	
Zero Mile Book Page(s)	sect. 12	sect. 12	sect. 12	sect. 12
Maint Logs & Engr Eval				

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1999 MODEL-YEAR C[illegible]IFICATION REVIEW SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

E.O.# A-[illegible]77-A-1

Manufacturer: **Daimler-Benz**

Exhaust Engine Family: **XMBXV03.2GNB**

Evaporative Family: **XMBXR0155MNZ**

P R O J E C T E D E M I S S I O N S

(grams / mile, except, grams / test for D + HS, and grams / gallon for ORVR (1)(2))

Emission Data Vehicle Id(3)	Engine Code & Displ.	Test Loc.	Trans	(Check One) ___ TW X ETW	(Check One) ___ DPA X RLHP	MPG City/Hwy	(Check One) ___ NMHC X NMOG	CO	NOx	HCHO	20°F CO	PM	Hwy NOx	City CO2	EVAPORATIVE 3-day D+HS	3-day R/L	2-day D+HS	2-day ORVR
W210E32-Z8013	3.2 ltr.	Mfr.	L-5	3 875	6.5	22.4/ 34.6	0.01400	0.160	0.069	0.00057	—	—	0.005	385	—	—	—	—
							0.01400	0.160	0.096	0.00104	—	—	0.007	—	—	—	—	—
S210E32-Z 8014	3.2 ltr.	Mfr.	L-5	4 250	9.0	20.5 / 31.4	0.01435	0.122	0.075	0.00144	2.800	—	0.004	422	—	—	—	—
							0.01435	0.122	0.100	0.00264	—	—	0.006	—	—	—	—	—
S210E32-Z8014	3.2 ltr.	Mfr.	L-5	4250	9.0	— / —	—	—	—	—	—	—	—	—	—	—	—	—
							—	—	—	—	—	—	—	—	0.325	0.0114	0.462	0.0059

(1) The Emission Data Vehicle(s) above comply with standards of (50k):

	0.075	3.4	0.2	0.015	10.0	—	0.3	—	—	—	—	—	—
(100k for PC & LDT, 120k for MDV):	0.090	4.2	0.3	0.018	—	—	0.4	—	2.0	0.05	2.5	0.20	

The NMOG values include Reactivity Adjustment Factor(s) (RAF) of: Not Applicable ____ NMOG 0.94 Methane (CNG or LNG only) ____

Emission values include deterioration factors (DFs):

(with RAF deterioration, if applicable) of (50k)	1.000	1.000	1.558	4.353	1.000	—	1.558	—	—	—	—	—	—
(100k for PC and LDT, 120k for MDV):	1.000	1.000	2.164	8.000	—	—	2.164	—	0.00	0.000	0.04	0.004	
~~TLEV~~ / LEV / ~~ULEV / SULEV~~ 50°F emissions (with RAF but without DFs):	0.08580	0.808	0.025	0.00046									
~~TLEV~~ / LEV / ~~ULEV / SULEV~~ 50°F standards:	0.150	3.4	0.2	0.030									

(2) Evaporative DFs are the average of: **3-day D + HS** Vehicle DF 0.00 and 3-day D + HS Bench DF 0.00 R/L Vehicle DF 0.000 and R/L Bench DF 0.000

2-day D + HS Vehicle DF 0.01 and 2-day D + HS Bench DF 0.06 ORVR Vehicle DF 0.001 ORVR Bench DF 0.008

(3) List the configuration with the highest projected sales first.

Remarks (E320) Full OBDZ. NMOG/NMHC = 1.068 ; HCHO/NMHC = 0.025 .

Application Processed by S. Chen Date 10/28/98 Reviewed by [signature] Date 10/28/98

Date Issued: Revised:

zod/32GNBMZ3.prn5-b6

17/07/98 15:38 DAIMLER-BENZ AG ABT. EP/CZU → 310 518 3080 NR. 642 002

1999 MODEL-YEAR CERTIFICATION REVIEW SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

E.O.# A-3-177—A-1

Manufacturer: Daimler-Benz

Exhaust Engine Family: XMBXV03.2GNB

Evaporative Family: XMBXR0155LNZ

PROJECTED EMISSIONS
(grams / mile, except grams / test for D + HS, and grams / gallon for ORVR (1)(2))

Emission Data Vehicle Id(3)	Engine Code & Displ.	Test Loc.	Trans	(Check One) ___ TW _X_ ETW	(Check One) ___ DPA _X_ RLHP	MPG City / Hwy	(Check One) ___ NMHC _X_ NMOG	CO	NOx	HCHO	20°F CO	PM	Hwy NOx	City CO2	EVAPORATIVE 3-day D+HS	R/L	2-day D+HS	ORVR
W210E32-Z8013	3.2 ltr.	Mfr.	L-5	3 875	6.5	22.4/ 34.6	0.01400	0.160	0.069	0.00057	—	—	0.005	385	—	—	—	—
							0.01400	0.160	0.096	0.00104	—	—	0.007	—	—	—	—	—
S210E32-Z 8014	3.2 ltr.	Mfr.	L-5	4 250	9.0	20.5 / 31.4	0.01435	0.122	0.075	0.00144	2.800	—	0.004	422	—	—	—	—
							0.01435	0.122	0.100	0.00264	—	—	0.006	—	—	—	—	—
A208E32-Z9001	3.2 ltr.	Mfr.	L-5	4 000	5.9	— / —	—	—	—	—	—	—	—	—	—	—	—	—
															0.850	0.0300	0.840	0.0101

(1) The Emission Data Vehicle(s) above comply with standards of (@50k): 0.075 | 3.4 | 0.2 | 0.015 | 10.0 | — | 0.3 | — | — | — | — | —

(100k for PC & LDT, 120k for MDV): 0.090 | 4.2 | 0.3 | 0.018 | — | — | 0.4 | — | 2.0 | 0.05 | 2.5 | 0.20

The NMOG values include Reactivity Adjustment Factor(s) (RAF) of: Not Applicable _____ NMOG 0.94 Methane (CNG or LNG only) _____

Emission values include deterioration factors (DFs):
(with RAF deterioration, if applicable) of (50k) 1.000 | 1.000 | 1.558 | 4.353 | 1.000 | --- | 1.558 | --- | --- | — | — | —

(100k for PC and LDT, 120k for MDV): 1.000 | 1.000 | 2.164 | 8.000 | --- | --- | 2.164 | --- | 0.00 | 0.000 | 0.04 | 0.004

~~TLEV~~ / LEV / ~~ULEV / SULEV~~ 50°F emissions (with RAF but without DFs): 0.08580 | 0.808 | 0.025 | 0.00046

~~TLEV~~ / LEV / ~~ULEV / SULEV~~ 50°F standards: 0.150 | 3.4 | 0.2 | 0.030

(2) Evaporative DFs are the average of: 3-day D + HS Vehicle DF 0.00 and 3-day D + HS Bench DF 0.00 R/L Vehicle DF 0.000 and R/L Bench DF 0.000

2-day D + HS Vehicle DF 0.01 and 2-day D + HS Bench DF 0.06 ORVR Vehicle DF 0.001 ORVR Bench DF 0.008

(3) List the configuration with the highest projected sales first.

Remarks (C280/CLK320; evap system monitoring) Partial OBD2. NMOG/NMHC = 1.0679; HCHO/NMHC = 0.025. Running Change 8/7/98 (add a 2nd ORVR fam.)

Application Processed by S. Chen Date 10/28/98 Reviewed by Steven Hada Date 10/28/98

Date Issued: Revised:

zott\52GNBLZ3.pm5-b6