

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-5  
Relating to Approval of New Motor Vehicles

DAIMLER BENZ A.G.

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That Daimler Benz A.G. exhaust emission control systems for 1975 model-year passenger cars are approved for the engine families described below:

Engine Family: L-4/OC

Engine: 141 CID

Transmission: Automatic

Exhaust Emission Control Systems: Exhaust gas recirculation, air injection, oxidation catalyst, engine modification

Model:

Mercedes Benz 115

Engine Family: L-6/OC

Engine: 167.5 CID

Transmission: Automatic

Exhaust Emission Control Systems: Exhaust gas recirculation, air injection, oxidation catalyst, engine modification

Models:

Mercedes Benz 114, 114-C, 116

Engine Family: L-6/OCM

Engine: 167.5 CID

Transmission: Automatic

Exhaust Emission Control Systems: Exhaust gas recirculation, air injection, oxidation catalyst, engine modification

Models:

Mercedes Benz 114, 114-C, 116

Engine Family: V-8/OC  
Engine: 276 CID  
Transmission: Automatic  
Exhaust Emission Control Systems: Exhaust gas recirculation, air injection, oxidation catalyst, electronic fuel injection

Models:  
 Mercedes Benz 116W, 116V, 107R, 107C

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
L-4/OC	0.1	2.3	1.4
L-6/OC	0.4	4.1	1.4
L-6/OCM	0.3	3.8	1.3
V-8/OC	0.6	2.8	1.2

Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 26<sup>th</sup> day of September, 1974.

G. C. Hass, Chief  
 Division of Vehicle Emissions Control

By:



J. C. Chipman, Chief  
 Vehicle Testing and Operations

AIR RESCUES BOARD  
SUPPLEMENTAL INFORMATION

1975 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

MANUFACTURER: DAIMLER-BENZ A.G. STUTTGART-UNTERTUERKHEIM

EXECUTIVE ORDER NO. A-3-5  
PAGE NO. 1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications				
					Type	Mfg. Part No.	Mfg. Part No.	Type	Part No. Service*	OC <input type="checkbox"/> TR <input type="checkbox"/>	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture	
V-8/OC	MB 116 W MB 116 V MB 107 R MB 107 C	276	A-3	4500 4500 4000 4000	C&V &VR	Bosch 0 231 404002	EFI	Bosch For MB 116: 02 80 002014 For MB 107: 02 80 002013	EFI, Kata-ZEUNA A. Pier- For MB 116: EGR, AI, burg 117 140 KG Neuss 0214*) PE 20 132 117 140 0314	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR		700-800 in N	TDC at idle	< 1.5% without air in- jection	

\*) The upper No service  
no. is valid for  
the left and the lower  
no. is valid  
for the right  
bank of the V-8  
engine.  
No service

- Abbreviations:
- Distributor
  - C - Centrifugal Advance
  - V - Vacuum Advance
  - VR - Vacuum Retard
  - Exhaust Emission Control System
  - AI - Air Injection
  - EFI - Electronic Fuel Injection
  - EGR - Exhaust Gas Recirculation
  - FM - Fine Modifications
  - Fuel Injection
  - FI - Fuel Injection
  - OC - Oxidation Catalyst
  - RC - Reduction Catalyst
  - TR - Thermal Reactor
  - Evaporative Control System
  - CAN - Charcoal Canister Storage
  - TS - Tank Storage
  - \*Service
  - I - Inspect, repair/replace as needed

AIR RESCUE BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

Up-dated 9 October 1975

MANUFACTURER: DAIMLER-BENZ A.G. STUTTGART-UNTERTUERKHEIM

EXECUTIVE ORDER NO. A-3-5

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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications			
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Part No. Service*	Part No. Service*	Idle RPM	Basic Timing	Idle Mixture	
L-4/0C	MB 115	141	A-4	3500	C&V	Bosch 0231 170 137	1-1V	175 CD Stromberg Deutsche Vergaser Gesell- schaft m.g.H & Co. KG	EM, EGR, AI, OC.	Kata-ZEUMA 115 140 0114	A. Pier- burg KG Neuss PE 20 142	800-900 in N	10° BTDC at idle	0.4-1.5 without air in- jection	
								The part no. is printed on a metal tag fixed to the carburetor			Catalyst Change at 25000 miles	No service			

Abbreviations:

Distributor

C - Centrifugal Advance  
V - Vacuum Advance  
VR- Vacuum Retard

Exhaust Emission Control System

AI - Air Injection  
EFI- Electronic Fuel Injection  
EGR- Exhaust Gas Recirculation  
TMI - Throttle Modifications

Fuel Injection

FI - Fuel Injection  
OC - Oxidation Catalyst  
RC - Reduction Catalyst  
TR - Thermal Reactor

Evaporative Control System

CAN- Charcoal Canister Storage  
TS - Tank Storage  
\*Service  
I - Inspect, repair/replace as needed

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1975 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

Up-dated 9 October 1975

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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System	Emission Control System		Tune-up Specifications				
					Type	Mfg. Part No.		Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
L-6/OCM	MB 114 MB 114 C MB 116	167.5	A-4	4000	C	Bosch 0 231 311 001	1-4V	Solex 4 A-1 001 070 1304 002 071 6901*)	EM, Eberspaecher EGR, 110 140 AI, 0914*) OC, 11 23 575 KG Neuss 31 000 PE 20 133	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	Part No. Service* A. Pierburg KG Neuss PE 20 133	800-900 in N	7° BTDC at idle	< 1.0% without air injection
<p>*) Also valid for some of the first cars produced: 002 071 6901</p> <p>The part no. is printed on a metal tag fixed to the carburetor</p> <p>The upper no. is the DB no. the lower no. is the mfg. number</p> <p>No service No service</p>														

Abbreviations:

Distributor

Exhaust Emission Control System

Fuel Injection

Evaporative Control System

C - Centrifugal Advance

AI - Air Injection

FI - Fuel Injection

CAN - Charcoal Canister Storage

V - Vacuum Advance

EFT - Electronic Fuel Injection

OC - Oxidation Catalyst

TIS - Tank Storage

VR - Vacuum Retard

EGR - Exhaust Gas Recirculation

RC - Reduction Catalyst

\*Service

EM - Engine Modifications

TR - Thermal Reactor

I - Insment.

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1975 MODEL YEAR

PASSENGER CARS       LIGHT-DUTY TRUCKS

Up-dated 9 October 1975

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PAGE NO. 3

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
				Type	Mfr. Part No.	Type	Mfr. Part No.	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
L-6/0C	MB 114 MB 114 C MB 116	167.5	4000	C	Bosch 0 231 311 001	1-4V	Solex 4 A-1 001 070 1304 002 071 6901*)	EM, Eberspaechler EGR 110 140 AI, 0914*) OC, 11 23 575 KG Neuss 31 000 PE 20 133	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	(color-coded YELLOW)	800-900 in N	7° BTDC at idle	< 1.0% without air in- jection
							The part no. is printed on a metal tag fixed to the carburetor.	No service	No service				

Abbreviations:

- Distributor  
C - Centrifugal Advance  
V - Vacuum Advance  
VR - Vacuum Retard

- Exhaust Emission Control System  
AI - Air Injection  
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EM - Engine Modifications

- FI - Fuel Injection  
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TR - Thermal Reactor

- Evaporative Control System  
CAN - Charcoal Canister Storage  
TS - Tank Storage  
\*Service  
I - Inspect, repair/replace as needed  
R - Replace