

Model Year 1979



**Mercedes-Benz
service**

Introduction into service

Daimler-Benz Aktiengesellschaft
Stuttgart-Untertürkheim
Zentralkundendienst

Printed in Germany

All rights, including reprint,
reproduction or translation
(also of extracts), reserved

KD 00 126 1147 00 – 1178 0.6

This introduction covers the vehicle versions for model year 1979.

Model 123.026 (250) is no longer supplied.

Apart from the modifications and revisions described here, the vehicles correspond to those of model year 1978.

Model series 116 is extended by the addition of model 116.036 (450 SEL 6.9).

The essential characteristics of this sedan are the 198 kW (269 HP) engine at 4200/min, as well as the hydropneumatic suspension.

Accessories and equipment of this sedan correspond to model 116.033 (450 SEL).

This introduction covers all the characteristics different from those of the 116.033 sedan.

All repair instructions, adjusting values and maintenance jobs are shown in the available technical literature.

Daimler-Benz Aktiengesellschaft
Zentralkundendienst

August 1978

Contents

| | | | |
|---|----|--|----|
| Model and Unit Survey | 7 | Engine Breather | 48 |
| Model 116.036 (450 SEL 6.9) | | Engine Lubrication | 49 |
| Vehicle Identification | 8 | Engine Cooling | 53 |
| Important Details | 9 | Engine Mounting | 55 |
| Engine | | Automatic Transmission | 56 |
| Engine Views | 10 | Hydropneumatic Suspension | 61 |
| Engine Longitudinal and Cross Section | 11 | Front Axle | 82 |
| Engine Mechanical | | Steering | 83 |
| General Information | 12 | Tempomat (Cruise Control) | 84 |
| Pertinent Data | 12 | Electrical System | 85 |
| Crankcase and Oil Pan | 12 | Air-conditioning System | 86 |
| Crank Assembly | 14 | Engine 110, 117 | |
| Cylinder Heads and Timing | 16 | Warm-up Compensator Engine 110 | 90 |
| Hydraulic Valve Lifters | 20 | Spark Plugs | 90 |
| Fuel Injection System (CIS) | 21 | Engine 115.954 | |
| Ignition System | 23 | Engine Combustion | 91 |
| Emission Control System | | | |
| General Information | 24 | | |
| Functional Diagram | 25 | | |
| Exhaust Gas Recirculation | 26 | | |
| Air Injection | 32 | | |
| Coasting bypass Valve | 35 | | |
| Fuel Evaporation Control System | 37 | | |
| Test Program Emission Control System | 41 | | |