

**Service Manual  
Engines M 116-117**



service

**Daimler-Benz Aktiengesellschaft**

**Service Manual  
Engines M 116-117**



**service**

**Daimler-Benz Aktiengesellschaft**  
Stuttgart-Untertürkheim  
Zentralkundendienst

Printed in Germany

Reprints or translations,  
including excerpts,  
require our written  
permission.

EDV 6540 2223

**KD 00 113 2111 50** – 672 1.5

This Service Manual contains a description of all important assembly, adjustment and inspection jobs. Pertinent data, dimensions, and tolerances, as well as special tools for various individual operations are listed in separate tables.

The entire contents of this Service Manual are arranged by Group. The Group Index serves to locate any particular group. Each Group is preceded by a comprehensive listing of its contents.

The instructions given in this book are based on the use of the respective equipment and special tools, and the assumption that the person performing the job is acquainted with basic mechanical principles. We recommend that only an authorized Mercedes-Benz Dealer perform work which is highly technical or requires special equipment or special tools.

Satisfactory results may be obtained by methods other than those described here, but following these instructions will always bring best results in the shortest possible time.

Daimler-Benz Aktiengesellschaft  
Zentralkundendienst

July 1972

<b>Instructions for Use of Service Manuals</b>	<b>A</b>
<b>General Repair Instructions and Technical Data</b>	<b>B</b>
<b>Information Applicable to Engines in General</b>	<b>Engine 0</b>
Cylinder crankcase with power unit	<b>03.0</b>
Cylinder head and engine timing	<b>05.0</b>
Engine inspection jobs	<b>07.0</b>
Electronically controlled gasoline injection system with pressure regulation	<b>07.4.0</b>
Ignition system	<b>07.5.0</b>
Fuel system	<b>47.0</b>
<b>Information Applicable Specifically to Engines M 116 · 117</b>	<b>Engine 1</b>
Engine jobs comprising several design groups	<b>00.1</b>
Cylinder crankcase with power unit	<b>03.1</b>
Cylinder head and engine timing	<b>05.1</b>
Electronically controlled gasoline injection system with pressure regulation	<b>07.4.1</b>
Ignition system	<b>07.5.1</b>
Exhaust gas emission control and engine breathing	<b>07.6.1</b>
Belt drive	<b>13.1</b>
Engine lubrication	<b>18.1</b>
Engine cooling	<b>20.1</b>
Fuel system	<b>47.1</b>
Exhaust system	<b>49.1</b>