

**Mercedes-Benz Maintenance System — Passenger Cars**

**REGULAR MAINTENANCE INSPECTION — Every 12,500 Miles**  
**All 1979 Models (With additional work at 37,500)**



Customer: _____ Address: _____ City & State: _____ Zip Code or Province: _____	Work Order No.: _____ License No.: _____ Mileage: _____ Time Promised: _____
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<p><b>Maintenance Work to be Performed:</b></p> <input type="checkbox"/> MB Maintenance Service with oil change and oil filter service. Oil: Brand-Viscosity _____ <input type="checkbox"/> Additional Maintenance Work with Regular Maintenance Inspection at every 37,500 miles. <input type="checkbox"/> Radiator Coolant: _____ °F Check level and antifreeze mixture. Replace mixture every 3 years. <input type="checkbox"/> Replace brake fluid. (once a year, preferably in Spring). Use only specified brake fluid. <p><b>M-B Individual Maintenance Jobs Performed as Needed:</b></p> <input type="checkbox"/> Section I: Lubrication Service Engine oil change with oil filter service. Oil: Brand-Viscosity _____ <input type="checkbox"/> Section II: Engine Testing; Engine maintenance. <input type="checkbox"/> Section III: Safety Inspection.	<p><b>Special Maintenance Work Performed at Extra Cost:</b></p> <input type="checkbox"/> Sliding Roof: Clean guide channels and lubricate lightly. <input type="checkbox"/> Lighting System: Check headlights and aim. <input type="checkbox"/> Battery: Clean housing and terminals; grease terminals lightly. <input type="checkbox"/> Paint finish and chrome care. <input type="checkbox"/> Clean Engine and Engine Compartment: lubricate all control linkages. <p><b>Special Instructions from Customer:</b></p> _____ _____ _____ _____
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**Visual Inspection: Check For Leakage and General Condition.**

<input type="checkbox"/> Engine	<input type="checkbox"/> Rear Axle	<input type="checkbox"/> Front Axle	<input type="checkbox"/> Undercarriage
<input type="checkbox"/> Steering	<input type="checkbox"/> Brakes	<input type="checkbox"/> Tires	<input type="checkbox"/> Body Condition
<input type="checkbox"/> Transmission	<input type="checkbox"/> Shock Absorbers	<input type="checkbox"/> Exhaust System	

**Result:** \_\_\_\_\_

**Section I: Lubrication Service with Oil Filter Change**

240D-300D-300CD-  
 300TD-300SD  
 280E-280CE  
 280 SE  
 450-All  
 6.9

240D-300D-300CD-  
 300TD-300SD  
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- Oil Change**
- 151 Engine oil with filter change.
- Inspection for Leaks and Condition**
- 038 Heating & cooling system.

- 041 Fuel hoses and pipes.
- 045 Clutch operating mechanism (240 D only).
- 086 Hydropneumatic springs.
- 085 Level control (300TD only).

(continued)

## Section I: Lubrication Service with Oil Filter Change

240D-300D-300CD-  
300TD-300SD  
280E-280CE  
280 SE  
450-All  
6.9

### Check Fluid Level and Replenish

(Check for leakage).

- |                          |                          |                          |                          |                          |  |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 120 Automatic transmission.  |
| <input type="checkbox"/> |                          |                          |                          |                          | 121 Manual transmission (240 D only).  |
|                          |                          |                          | <input type="checkbox"/> |                          | 139 Hydropneumatic suspension.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 130 Rear axle.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 134 Power steering.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 465 Windshield washer system.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 484 Air conditioning.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 700 Brake system.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 821 Battery.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 990 Radiator.  |
| <input type="checkbox"/> |                          |                          |                          |                          | Lubricate 300TD Rear door hinges and bearings for Gas pressure springs with oil can. |

240D-300D-300CD-  
300TD-300SD  
280E-280CE  
280 SE  
450-All  
6.9

### Body and Chassis Lubrication

- |                          |                          |                          |                          |                          |  |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 350 Door hinges.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 393 Door locks and hinges.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 395 Hood.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 375 Outside rear view mirror.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 415 Engine control linkages, control 813 shafts and cables (not required on control shafts with plastic bearings). |
|                          |                          |                          |                          |                          |  |
- Use only the following factory-recommended hydraulic oils: BP Hydraulic 1; Castrol DB Hydraulic Fluid; Esso Unipers J-43; Mobile Aero HFA; Shell Aero Fluid 4.

## Section II: Electronic Engine Test and Engine Maintenance

240D-300D-300CD-  
300TD-300SD  
280E-280CE  
280 SE  
450-All  
6.9

### Mechanical

- |                          |                          |                          |                          |                          |  |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          | 753 Adjust valve clearances.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 202 Clean Filter element; replace every 37,500 miles.                              |
|                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 762 Clean flame arrester.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 757 Check all drive belt tension and condition.                                    |
|                          |                          |                          |                          |                          | 785 Exhaust manifold heater flap. Check for free movement and free up as required. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 770 Replace spark plugs.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 772 Check ignition timing and ignition change-over.                                |

240D-300D-300CD-  
300TD-300SD  
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- |                          |                          |                          |                          |                          |  |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> |                          |                          |                          |                          | 787 Check start of delivery.*  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 813 Throttle control linkage: check for ease of movement.                    |
|                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 832 Analyze engine with oscilloscope.  |
| <input type="checkbox"/> |                          |                          |                          |                          | 797 Check and adjust manual idle speed adjuster.                             |
|                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 798 Check and adjust basic idle speed plus CO emission for gasoline engines. |
| <input type="checkbox"/> |                          |                          |                          |                          | 895 Check alternator fastening bolt for tightness.                           |

\*Once only after 12,500 miles

## Section III: Safety Check

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|---|--|
| 240D-300D-300CD-<br>300TD-300SD<br>280E-280CE<br>280 SE<br>450-All<br>6.9 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 025 Steering system: check play at steering wheel, in shaft coupling and in ball joints of tie rods and drag link. Check rubber boots for leak tightness.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 982 Tires: check tire tread wear and other tire damage.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 987 Correct tire air pressure.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 712 Check disc brakes (includes items 703, 707, 708, 709.) Measure brake disc thickness. Brake calipers: check for leaks and free movement of pistons (703). Brake pads: remove, clean, check, replace if required (707). Brake discs: check condition, clean cooling fins (708). Brake discs (solid): check condition, clean (709).<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 009 Parking brake: check brake cable action.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 706 Parking brake: re-adjust.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 028 Front axle ball joints: check for developed play and rubber boots for leak tightness. |
|---|--|

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|---|--|
| 240D-300D-300CD-<br>300TD-300SD<br>280E-280CE<br>280 SE<br>450-All<br>6.9 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 924 Steering gear mounting screws (3).<br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 988 Wheel bolts.<br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 099 Check function of:<br>_____ Headlights, rear lights and stop lights.<br>_____ Directional signals: Hazard warning lights.<br>_____ Windshield wipers, windshield washer.<br>_____ Heating and ventilation.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 098 Road test or dynamometer<br>_____ Clutch.<br>_____ Manual transmission.<br>_____ Automatic transmission.<br>_____ Air conditioner.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 097 Brake test on test stand/road.<br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 020 Check boots and seals on hydropneumatic springs. |
|---|--|

**Retightening of Nuts, Bolts, and Retaining Parts**

▼ Tire tread depth and brake performance

Front—Left		Front—Right	
IN.	KP	IN.	KP
Rear—Left		Rear—Right	
IN.	KP	IN.	KP

### Maintenance

Additional Maintenance Work to be Performed Every 37,500 Miles

- |   |  |
|---|--|
| 240D-300D-300CD-<br>300TD-300SD<br>280E-280CE<br>280 SE<br>450-All<br>6.9 | <p><b>Oil Change</b></p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 170 Automatic transmission oil change. <p><b>Filter Replacement or Cleaning</b></p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 174 Automatic transmission: replace filter element.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 202 Air filter element: replace.<br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 847 Fuel filter: replace filter<br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 845 Fuel main filter: Replace filter element and filter housing. |
|---|--|

- |   |  |
|---|--|
| 240D-300D-300CD-<br>300TD-300SD<br>280E-280CE<br>280 SE<br>450-All<br>6.9 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 844 Fuel pre-filter: check<br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 813 Check throttle control linkage.<br><br><p><b>Lubrication</b></p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 388 Front wheel grease caps: clean and refill with new grease.<br><br><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 631 Repack front wheel bearings; check roller bearings. |
|---|--|

(continued)

**Maintenance: Additional Maintenance Work to be Performed Every 37,500 Miles:**

240D-300D-300CD-  
300TD-300SD  
280E-280CE  
280 SE  
450-All  
6.9

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**Tightening of Nuts and Bolts**

- 871 Intake and exhaust manifold nuts and exhaust flange bolts.
- Exhaust pipe flange only.
- 876 Carburetor mounting flange screws.

**Checking**

- 501 Check clutch lining thickness (manual transmission only). (240 D only).
- 625 Check front wheel toe-in.
- 030 Check propeller shaft joint discs for wear or damage.
- 628 Check pressure reservoirs of hydropneumatic springs.
- 767 Replace catalyst, Engine M110 at 37,500 miles (California version only) and sometime after 50,000 miles, if required.

Date _____	Service Manager (Signature) _____
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