

#3	<h2 style="margin: 0;">MAINTENANCE SERVICE - EVERY 12,500 MILES</h2> <h3 style="margin: 0;">All 1975 Models (25 000 Mile Intervals)</h3>	 service
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Customer: _____	Work Order No.: _____
Address: _____	License No.: _____
City & State: _____	Mileage: _____
Zip Code or Province: _____	Time Promised: _____

<p><b>Maintenance Work to be Performed:</b></p> <p><input type="checkbox"/> MB Maintenance Service (three sections) with engine oil change and oil filter service. Oil: Brand-Viscosity _____</p> <p><b>Additional Maintenance Work to be Performed Every 25 000 Miles:</b></p> <p><input type="checkbox"/> Radiator Coolant: _____ °F FILL/DRAIN/CHECK. Add rust inhibitor.</p> <p><input type="checkbox"/> Drain and renew brake fluid, (once a year, preferably in Spring). Use only specified brake fluid.</p> <p><b>M-B Individual Maintenance Jobs Performed as Needed:</b></p> <p><input type="checkbox"/> Section I: Lubrication Service Engine oil change with oil filter service. Oil: Brand-Viscosity _____</p> <p><input type="checkbox"/> Section II: Electronic Engine Testing; Engine maintenance.</p> <p><input type="checkbox"/> Section III: Safety Inspection.</p>	<p><b>Special Maintenance Work Performed at Extra Cost:</b></p> <p><input type="checkbox"/> Sliding Roof: Clean guide channels and lubricate lightly.</p> <p><input type="checkbox"/> Lighting System: Check headlights and aim.</p> <p><input type="checkbox"/> Battery: Clean housing and terminals; grease terminals lightly.</p> <p><input type="checkbox"/> Car wash.</p> <p><input type="checkbox"/> Wax and Polish.</p> <p><input type="checkbox"/> Clean Engine and Engine Compartment; lubricate all control linkages.</p> <p><b>Special Instructions from Customer:</b></p> <p>_____</p> <p>_____</p> <p>_____</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: \_\_\_\_\_

## Part I: Service Maintenance with Oil Filter Change

<p><b>Oil Change</b></p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 151 Engine oil with filter change.</p> <p><input type="checkbox"/> _____ Drain engine oil cooler.</p> <p><b>Inspection for Leaks and Condition</b></p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 038 Heating &amp; cooling system.</p>	<p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 041 Fuel hoses and pipes.</p> <p><input type="checkbox"/> _____ 045 Clutch operating mechanism (240 D only).</p>
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(continued)

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|--------------------------|------------------|--|
| <input type="checkbox"/> | <b>240D-300D</b> |  |
| <input type="checkbox"/> | <b>230</b>       |  |
| <input type="checkbox"/> | <b>280-280C</b>  |  |
| <input type="checkbox"/> | <b>280S</b>      |  |
| <input type="checkbox"/> | <b>450-All</b>   |  |
- Check Fluid Level and Replenish**  
(Check for leakage).
- 120 Automatic transmission.
  - 121 Manual transmission (240 D only).
  - 130 Rear axle.
  - 134 Power steering.
  - 465 Windshield washer system.
  - 484 Air conditioning.
  - 700 Brake system.
  - 788 Stromberg carburetor
  - 800 Fuel injection pump (240 D only)
  - 821 Battery.
  - 990 Radiator.
  - 350 Door hinges

- |                          |                  |  |
|--------------------------|------------------|--|
| <input type="checkbox"/> | <b>240D-300D</b> |  |
| <input type="checkbox"/> | <b>230</b>       |  |
| <input type="checkbox"/> | <b>280-280C</b>  |  |
| <input type="checkbox"/> | <b>280S</b>      |  |
| <input type="checkbox"/> | <b>450-All</b>   |  |
- Body and Chassis Lubrication**
- 393 Door locks.
  - 395 Hood
  - 398 Parking brake linkage guide(in drive shaft tunnel.)\*450 SL/SLC only
  - 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 Univers J-43; Mobile Aero HFA; Shell Aero Fluid 4.
- 492 Clean door seal flanges. Coat door seals with OREL or similar rubber treatment.

## Part II: Electronic Engine Test and Engine Maintenance

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|--------------------------|------------------|--|
| <input type="checkbox"/> | <b>240D-300D</b> |  |
| <input type="checkbox"/> | <b>230</b>       |  |
| <input type="checkbox"/> | <b>280-280C</b>  |  |
| <input type="checkbox"/> | <b>280S</b>      |  |
| <input type="checkbox"/> | <b>450-All</b>   |  |
- Mechanical**
- 753 Adjust valve clearances.
  - 202 Clean filter element; replace every 25,000 miles (\*300 D only).
  - 762 Clean flame arrester.
  - 205 Clean Oil bath air cleaner and change oil. (240 D only).
  - 757 Check all drive belt tension and condition.
  - 785 Exhaust manifold heater flap. Check for free movement and free up as required (Engine M 115 only).
  - 770 Replace spark plugs
  - 773 Replace distributor points
  - 782 Check and adjust dwell angle, ignition timing and ignition changeover

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|--------------------------|------------------|--|
| <input type="checkbox"/> | <b>240D-300D</b> |  |
| <input type="checkbox"/> | <b>230</b>       |  |
| <input type="checkbox"/> | <b>280-280C</b>  |  |
| <input type="checkbox"/> | <b>280S</b>      |  |
| <input type="checkbox"/> | <b>450-All</b>   |  |
- 832 Analyze engine with oscilloscope
  - 797 Check and adjust engine idle speed control
  - 798 Carburetor and injection engines: check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).
  - 895 Check alternator fastening bolt for tightness

## Part III: Safety Check

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|--------------------------|------------------|--|
| <input type="checkbox"/> | <b>240D-300D</b> |  |
| <input type="checkbox"/> | <b>230</b>       |  |
| <input type="checkbox"/> | <b>280-280C</b>  |  |
| <input type="checkbox"/> | <b>280S</b>      |  |
| <input type="checkbox"/> | <b>450-All</b>   |  |
- 025 Steering system: check steering coupling for wear and clamping screws for tightness. Check for excessive wear in the system.
  - 983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.
  - 982 Tires: check tire tread wear and other tire damage.
  - 987 Correct tire air pressure.

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|--------------------------|------------------|--|
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| <input type="checkbox"/> | <b>230</b>       |  |
| <input type="checkbox"/> | <b>280-280C</b>  |  |
| <input type="checkbox"/> | <b>280S</b>      |  |
| <input type="checkbox"/> | <b>450-All</b>   |  |
- 707 Brake pads: remove, clean, check and replace if necessary.
  - 703 Brake calipers: check for leakage and piston action. check condition of dust shield.
  - 709 Brake discs: Check for condition.
  - 708 Brake discs: Clean ventilating passages
  - 009 Parking brake. Check brake cable action.

(continued)

240D-300D  
230  
280-280C  
280S  
450-All

- 706 Parking brake: re-adjust.
- 028 Maintenance free joints for front axle: check for sealing and condition of steering joint sealing collars. (except 108-109).
- 029 Steering: check for sealing and condition of sealing collars and steering rods.

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

- 924 Steering gear mounting screws (3).
- 988 Wheel bolts.
- 099 Check function of:
  - Headlight, rear lights and stop light.
  - Directional signals: Hazard warning lights.
  - Windshield wiper, windshield washer.
  - Heating and ventilation.

240D-300D  
230  
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- 098 Road test or dynamometer
  - Clutch.
  - Manual transmission.
  - Automatic transmission.
  - Air conditioner.
- 097 Brake test on test stand/road.

**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 25,000 Miles**

**Maintenance Service #3Z**

240D-300D  
230  
280-280C  
280S  
450-All

- Oil Change**
- 170 Automatic transmission oil change.
- Filter Replacement or Cleaning**
- 174 Automatic transmission: replace filter element.
- 612 Power steering: Replace filter element.
- 840/847 Fuel filter: Clean element or replace.
- 845 Fuel main filter: Clean filter element and filter housing
- 844 Fuel pre-filter: check
- 813 Check throttle control linkage.

**Lubrication**

- 388 Front wheel grease caps: clean and refill with new grease.
- 704 Check oil level in vacuum pump

240D-300D  
230  
280-280C  
280S  
450-All

- 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.

**Engine**

- 787 Check start of delivery once after 25,000 miles.
- 767 Replace catalyst some time after 50,000 miles if required; Engine M 115 at 25,000 miles and after 50,000 miles if required.

Date \_\_\_\_\_

Service Manager (Signature) \_\_\_\_\_