

REGULAR MAINTENANCE INSPECTION — Every 12,500 Miles
All 1978 Models (with additional work at 37,500)



Customer: _____ Address: _____ City & State: _____ Zip Code or Province: _____	Work Order No.: _____ License No.: _____ Mileage: _____ Time Promised: _____
---	---

<p>Maintenance Work to be Performed:</p> <input type="checkbox"/> MB Maintenance Service with oil change and oil filter service. Oil: Brand-Viscosity _____ <p>Additional Maintenance Work to be Performed Every 37,500 Miles:</p> <input type="checkbox"/> Radiator Coolant: _____ °F FILL/DRAIN/CHECK. Add rust inhibitor. <input type="checkbox"/> Drain and renew brake fluid. (once a year, preferably in Spring). Use only specified brake fluid. <p>M-E (Individual Maintenance Jobs Performed as Needed:</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>Special Maintenance Work Performed at Extra Cost:</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"/> Car wash. <input type="checkbox"/> Wax and Polish. <input type="checkbox"/> Clean Engine and Engine Compartment: lubricate all control linkages. <input type="checkbox"/> Once a year renew brake fluid. <input type="checkbox"/> Every other year renew antifreeze. <p>Special Instructions from Customer:</p> _____ _____ _____
--	---

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
 230
 280E-280CE
 280 SE
 450-All
 6.9

Oil Change
 151 Engine oil with filter change.

Inspection for Leaks and Condition
 038 Heating & cooling system.

240D-300D-300CD
 230
 280E-280CE
 280 SE
 450-All
 6.9

041 Fuel hoses and pipes.
 045 Clutch operating mechanism
 (240 D only).
 086 Hydropneumatic springs.

(continued)

Section I: Lubrication Service with Oil Filter Change

240D-300D-300CD
230
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"/> | <input type="checkbox"/> | 120 Automatic transmission. |
| <input type="checkbox"/> | | | | | | 121 Manual transmission (240 D only). |
| | | | | <input type="checkbox"/> | | 139 Hydropneumatic system. |
| <input type="checkbox"/> | <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"/> | <input type="checkbox"/> | 134 Power steering. |
| <input type="checkbox"/> | <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"/> | <input type="checkbox"/> | 484 Air conditioning. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 700 Brake system. |
| | <input type="checkbox"/> | | | | | 788 Stromberg carburetor. |
| <input type="checkbox"/> | <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"/> | <input type="checkbox"/> | 990 Radiator. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 350 Door hinges. |

240D-300D-300CD
230
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"/> | <input type="checkbox"/> | 393 Door locks and hinges. |
| <input type="checkbox"/> | <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"/> | <input type="checkbox"/> | 375 Outside rear view mirror. |
| <input type="checkbox"/> | <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 Unifers J-43; Mobile Aero HFA; Shell Aero Fluid 4.

Section II: Electronic Engine Test and Engine Maintenance

240D-300D-300CD
230
280E-280CE
280 SE
450-All
6.9

Mechanical

- | | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <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"/> | <input type="checkbox"/> | 202 Clean Filter element; replace every 37,500 miles. |
| | <input type="checkbox"/> | <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"/> | <input type="checkbox"/> | 757 Check all drive belt tension and condition. |
| | <input type="checkbox"/> | | | | | 785 Exhaust manifold heater flap. Check for free movement and free up as required. (Engine M 115 only). |
| <input type="checkbox"/> | <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"/> | <input type="checkbox"/> | 772 Check ignition timing and ignition change-over. |

240D-300D-300CD
230
280E-280CE
280 SE
450-All
6.9

- | | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | | | | | | 787 Check start of delivery. |
| <input type="checkbox"/> | <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"/> | <input type="checkbox"/> | 832 Analyze engine with oscilloscope. |
| <input type="checkbox"/> | | | | | | 797 Check and adjust engine idle speed control. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 798 Carburetor and injection engines, check idle adjustment with C.O. tester. Check throttle lift (carburetor engines). |
| <input type="checkbox"/> | | | | | | 895 Check alternator fastening bolt for tightness. |

Section III: Safety Check

240D-300D-300CD
230
280E-280CE
280 SE
450-All
6.9

- 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.
- 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).
- 009 Parking brake: Check brake cable action.
- 706 Parking brake: re-adjust.
- 028 Maintenance free joints for front axle: check for sealing and condition of steering joint sealing collars.
- 029 Steering: check for sealing and condition of sealing collars and steering rods.

240D-300D-300CD
230
280E-280CE
280 SE
450-All
6.9

- 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.
- 098 Road test of dynamometer
 - Clutch.
 - Manual transmission.
 - Automatic transmission.
 - Air conditioner.
- 097 Brake test on test stand/road.
- 020 Check boots and seals on hydropneumatic springs.

▼ 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
230
280E-280CE
280 SE
450-All
6.9

- 170 Automatic transmission oil change.
- Filter Replacement or Cleaning**
- 174 Automatic transmission: replace filter element.
- 202 Air filter element: replace.
- 847 Fuel filter: replace filter
- 845 Fuel main filter: Replace filter element and filter housing.

240D-300D-300CD
230
280E-280CE
280 SE
450-All
6.9

- 844 Fuel pre-filter: check
- 813 Check throttle control linkage.
- Lubrication**
- 388 Front wheel grease caps: clean and refill with new grease.
- 631 Repack front wheel bearings; check roller bearings.

(continued)

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

240D-300D-300CD
230
280E-280CE
280 SE
450-All
6.9

-
-
-

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) _____
------------	-----------------------------------