

#3

**MAINTENANCE SERVICE - EVERY 10,000 MILES**

**All 1974 Models** (With #3Z At 30,000 Mile Intervals)



service

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

**Maintenance Work to be Performed:**

- MB Maintenance Service (three sections) with engine oil change and oil filter service.  
Oil: Brand-Viscosity \_\_\_\_\_
- Additional Maintenance work with regular Maintenance Inspection at every 30,000 miles.
- Radiator Coolant: \_\_\_\_\_ °F  
Check level and antifreeze mixture. Replace mixture every 3 years.
- Replace brake fluid, (once a year, preferably in Spring). Use only specified brake fluid.

**M-B Individual Maintenance Jobs Performed as Needed:**

- Section I: Lubrication Service  
Engine oil change with oil filter service.  
Oil: Brand-Viscosity \_\_\_\_\_
- Section II: Electronic Engine Testing;  
Engine maintenance.
- Section III: Safety Inspection.

**Special Maintenance Work Performed at Extra Cost:**

- Sliding Roof: Clean guide channels and lubricate lightly.
- Lighting System: Check headlights and aim.
- Battery: Clean housing and terminals; grease terminals lightly.
- Paint finish and chrome care.
- Clean Engine and Engine Compartment: lubricate all control linkages.

**Special Instructions from Customer:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**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**

240 D  
230  
280-280C  
450-ALL

**Oil Change**

- 151 Engine oil with filter change.
- Drain engine oil cooler.

**Inspection for Leaks and Condition**

- 038 Heating & cooling system.

240 D  
230  
280-280C  
450-ALL

- 041 Fuel hoses and pipes.
- 045 Clutch operating mechanism (manual transmission only).

- 766 Throttle valve, clean (California only)

(continued)

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|--------------------------|-------|--------------------------|-----|--------------------------|----------|--------------------------|---------|---|
| <input type="checkbox"/> | 240 D | <input type="checkbox"/> | 230 | <input type="checkbox"/> | 280-280C | <input type="checkbox"/> | 450-ALL | <b>Check Fluid Level and Replenish</b>                        |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | (Check for leakage).  |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 120 Automatic transmission.                                   |
| <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"/> |         | 134 Power steering.   |
| <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"/> |         | 484 Air conditioning.   |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 510 Clutch operating mechanism<br>(manual transmission only). |
| <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"/> |         | 788 Stromberg carburetor                                      |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 800 Fuel injection pump                                       |
| <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"/> |         | 990 Radiator.   |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 350 Door hinges   |

- |   |       |                          |     |                          |          |                          |         |   |
|---|-------|--------------------------|-----|--------------------------|----------|--------------------------|---------|---|
| <input type="checkbox"/>  | 240 D | <input type="checkbox"/> | 230 | <input type="checkbox"/> | 280-280C | <input type="checkbox"/> | 450-ALL | <b>Body and Chassis Lubrication</b>   |
| <input type="checkbox"/>  |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 393 Door locks.   |
| <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"/> |         | 398 Parking brake linkage guide<br>(in drive shaft tunnel).   |
| <input type="checkbox"/>  |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 415 Engine control linkages, control<br>shafts and cables (not required<br>on control shafts with plastic<br>bearings). |
| Use only the following factory-recom-<br>mended hydraulic oils: BP Hydraulic 1;<br>Castrol DB Hydraulic Fluid; Esso Univers<br>J-43; Mobile Aero HFA; Shell Aero Fluid 4. |       |                          |     |                          |          |                          |         |   |
| <input type="checkbox"/>  |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 492 Clean door seal flanges. Coat<br>door seals with OREL or similar<br>rubber treatment.                               |

## Part II: Electronic Engine Test and Engine Maintenance

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|--------------------------|-------|--------------------------|-----|--------------------------|----------|--------------------------|---------|--|
| <input type="checkbox"/> | 240 D | <input type="checkbox"/> | 230 | <input type="checkbox"/> | 280-280C | <input type="checkbox"/> | 450-ALL | <b>Mechanical</b>  |
| <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"/> |         | 202 Clean filter element (replace<br>every 30,000 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"/> |         | 205 Clean oil bath air cleaner<br>and change oil   |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 757 Check all drive belt tension<br>and condition.   |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 785 Exhaust manifold heater<br>flap. Check for free<br>movement and free up as<br>required |
| <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"/> |         | 751 Check engine cylinder compression  |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 773 Replace distributor points   |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 782 Check and adjust dwell angle, ignition<br>timing and ignition changeover               |

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|--------------------------|-------|-------------------------------------|-----|-------------------------------------|----------|--------------------------|---------|--|
| <input type="checkbox"/> | 240 D | <input type="checkbox"/>            | 230 | <input type="checkbox"/>            | 280-280C | <input type="checkbox"/> | 450-ALL |  |
| <input type="checkbox"/> |       | <input type="checkbox"/>            |     | <input type="checkbox"/>            |          | <input type="checkbox"/> |         | 774 Check ignition switch-over.  |
| <input type="checkbox"/> |       | <input type="checkbox"/>            |     | <input type="checkbox"/>            |          | <input type="checkbox"/> |         | 832 Analyze engine with oscilloscope   |
| <input type="checkbox"/> |       | <input type="checkbox"/>            |     | <input type="checkbox"/>            |          | <input type="checkbox"/> |         | 797 Check and adjust engine idle<br>speed control  |
| <input type="checkbox"/> |       | <input checked="" type="checkbox"/> |     | <input type="checkbox"/>            |          | <input type="checkbox"/> |         | 796 Check throttle valve lift<br>*(Federal emission system only).  |
| <input type="checkbox"/> |       | <input type="checkbox"/>            |     | <input checked="" type="checkbox"/> |          | <input type="checkbox"/> |         | 763 Check exhaust gas recirculation<br>*(California emission system only).   |
| <input type="checkbox"/> |       | <input type="checkbox"/>            |     | <input type="checkbox"/>            |          | <input type="checkbox"/> |         | 764 Check fuel evaporation system<br>(California emission system only).  |
| <input type="checkbox"/> |       | <input type="checkbox"/>            |     | <input type="checkbox"/>            |          | <input type="checkbox"/> |         | 765 Check air injection system<br>(California emission system only).   |
| <input type="checkbox"/> |       | <input type="checkbox"/>            |     | <input type="checkbox"/>            |          | <input type="checkbox"/> |         | 798 Carburetor and injection<br>engines: check idle adjustment<br>with C.O. tester. Check throttle<br>lift (carburetor engines). |
| <input type="checkbox"/> |       | <input type="checkbox"/>            |     | <input type="checkbox"/>            |          | <input type="checkbox"/> |         | 895 Check alternator fastening<br>bolt for tightness   |

## Part III: Safety Check

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|--------------------------|-------|--------------------------|-----|--------------------------|----------|--------------------------|---------|---|
| <input type="checkbox"/> | 240 D | <input type="checkbox"/> | 230 | <input type="checkbox"/> | 280-280C | <input type="checkbox"/> | 450-ALL |   |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 025 Steering system: check play of<br>steering wheel, in shaft coupling<br>and in ball joints of tie-rods and<br>drag link. Check rubber boots for<br>leak tightness. |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 983 Wheels: remove and reinstall.<br>Check wheel disc for condition.<br>Check inner rim for dirt<br>accumulation.   |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 982 Tires: check tire tread wear<br>and other tire damage.  |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 987 Correct tire air pressure.  |

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|--------------------------|-------|--------------------------|-----|--------------------------|----------|--------------------------|---------|---|
| <input type="checkbox"/> | 240 D | <input type="checkbox"/> | 230 | <input type="checkbox"/> | 280-280C | <input type="checkbox"/> | 450-ALL |   |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 707 Brake pads: remove, clean,<br>check and replace if necessary.                                 |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 703 Brake calipers: check for<br>leakage and piston action,<br>check condition of dust<br>shield. |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 709 Brake discs: Check for condition.   |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 708 Brake discs: Clean ventilating<br>passages  |
| <input type="checkbox"/> |       | <input type="checkbox"/> |     | <input type="checkbox"/> |          | <input type="checkbox"/> |         | 009 Parking brake. Check brake<br>cable action.   |

- 240D
- 230
- 280-280C
- 450-ALL

- 706 Parking brake: re-adjust.
- 028 Front axle ball joints: Check for developed play and rubber boot for leak tightness.

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- 029 Steering: check for sealing and condition of sealing collars and steering rods.

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

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

- 240D
- 230
- 280-280C
- 450-ALL

- 098 Road test or dynamometer
  - \_\_\_\_\_ Clutch.
  - \_\_\_\_\_ Manual transmission.
  - \_\_\_\_\_ Automatic transmission.
  - \_\_\_\_\_ Air conditioner.

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- 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

**Additional Maintenance Work to be Performed Every 30,000 Miles  
Maintenance Service #3Z**

**Maintenance**

- 240D
- 230
- 280-280C
- 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.
- 851 Fuel feed pump: clean screen (carburetor engines only).
- 840-847-849 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.

- 240D
- 230
- 280-280C
- 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).
- 625 Check front wheel toe-in.
- 030 Check propeller shaft joint discs for wear or damage.

Date \_\_\_\_\_

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