

#3

MAINTENANCE SERVICE - EVERY 10,000 MILES

All 1972 & 1973 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 to be Performed Every 30,000 Miles:

- Radiator Coolant: _____ °F
FILL/DRAIN/CHECK. Add rust inhibitor.
- Drain and renew 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.
- Car wash.
- Wax and Polish.
- 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

Oil Change

_____ 151 Engine oil with filter change.

Filter Service

_____ 156 Supplementary oil filter for hydraulic fan: clean filter element.

Inspection for Leaks and Condition

_____ 023 Comfort hydraulic system (600).
 _____ 038 Heating & cooling system.

_____ 041 Fuel hoses and pipes.
 _____ 045 Clutch operating mechanism (manual transmission only).
 _____ 085 Hydraulic leveling system (114-115 types).
 _____ 087 Air suspension system (300 SEL-600).

(continued)

Check Fluid Level and Replenish

- (Check for leakage).
- _____ 120 Automatic transmission.
 - _____ 121 Manual transmission (220-220D).
 - _____ 130 Rear axle.
 - _____ 134 Power steering.
 - _____ 135 Steering (220-220D).
 - _____ 138 Hydraulic leveling system (114-115).
 - _____ 465 Windshield washer system.
 - _____ 484 Air conditioning.
 - _____ 510 Clutch operating mechanism (manual transmission only).
 - _____ 494 Comfort hydraulic system (600).
 - _____ 463 Air suspension system (300SEL-600).
 - _____ 700 Brake system.
 - _____ 788 Stromberg carburetor (220 only).
 - _____ 800 Fuel injection pump (220D-600).
 - _____ 821 Battery.
 - _____ 990 Radiator.

Body and Chassis Lubrication

- _____ 250 Lubrication fittings, front and rear axle (108-109 only).
- _____ 350 Door hinges
- _____ 393 Door locks.
- _____ 395 Hood
- _____ 398 Parking brake linkage guide (in drive shaft tunnel).
- _____ 415 Engine control linkages, control shafts and cables (not required on control shafts with plastic bearings).
- _____ 492 Clean door seal flanges. Coat door seals with OREL or similar rubber treatment.
- _____ 466 Drain condensate from air supply tank (300SEL-600).

Part II: Electronic Engine Test and Engine Maintenance

Mechanical

- _____ 753 Adjust valve clearances.
- _____ 202 Clean filter element (for high dust conditions replace every 30,000 miles).
- _____ 205 Clean oil bath air cleaner and change oil (220D)
- _____ 757 Check all drive belt tension and condition.
- _____ 785 Exhaust manifold heater flap. Check for free movement and free up as required (114-115).
- _____ 813 Engine control linkage. Check for free movement and adjust.
- _____ 806 Replace filter for injection pump additional air valve (280SE).
- _____ 770 Replace spark plugs (except 220D).
- _____ 751 Check engine cylinder compression (except 220D).
- _____ 773 Replace distributor points (except 220D).
- _____ 782 Check and adjust dwell angle, ignition timing and ignition changeover (except 220D).
- _____ 832 Analyze engine with oscilloscope (except 220D).
- _____ 797 Check and adjust engine idle speed control (diesel only).
- _____ 798 Carburetor and injection engines: check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).
- _____ 895 Check alternator fastening bolt for tightness (220D).

Part III: Safety Check

- _____ 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.
- _____ 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 (except 114-115-600).
- _____ 009 Parking brake. Check brake cable action.

(continued)

- _____ 706 Parking brake: re-adjust.
- _____ 713 Air power brake: clean ventilation holes on forward side of unit (600 only).
- _____ 701 Bleed brake system (600 only).
- _____ 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

- _____ 922 Front axle lower "A" frame attaching screws (8) (108-109 only).
- _____ 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 or dynamometer
 - _____ Foot and **emergency brakes**.
 - _____ Clutch.
 - _____ Manual transmission.
 - _____ Automatic transmission.
 - _____ Air conditioner.

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

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 (except 220D).
- _____ 845 Fuel main filter: Clean filter element and filter housing (220D).
- _____ 844 Fuel pre-filter: check (220D).
- _____ 470 Air suspension anti-freeze container: replace air filter (300SEL-600).
- _____ 497 Ventilation: Replace Perlon filter in front blower (600 only).
- _____ 498 Heating: Replace Perlon filter in solenoid valve (600 only).
- _____ 670 Hydraulic leveling system: replace reservoir cover with filter (114-115 only).

Lubrication

- _____ 380-671 Hydraulic leveling or air suspension system: lubricate level control rod ball joints (114-115-300SEL-600 only).

- _____ 388 Front wheel grease caps: clean and refill with new grease.

Tightening of Nuts and Bolts

- _____ 871 Intake and exhaust manifold nuts and exhaust flange bolts.
- _____ 876 Carburetor mounting flange screws (220, 250 only)

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.

Air Suspension (300SEL, 600 only).

- _____ 676 Check air bellows for cracks (hairline cracks are not significant. However, if larger cracks are found, advise customer of need to replace the bellows).
- _____ 622 Check vehicle level, front wishbone position and rear axle camber. (Correct headlight adjustment, if required, at additional charge.)

Date _____

Service Manager (Signature) _____