

M-B Maintenance System—Gasoline or Diesel Models

Model Years 1984-1985

- Inspection once at 800 - 1000 miles
 Lubrication every 7500 miles, Gasoline 5000 miles, Diesel
 Maintenance every 15,000 miles Additional work with Maintenance Service



CUSTOMER			WORK ORDER NO.		
<input type="checkbox"/> 107.0	<input type="checkbox"/> 123.1	<input type="checkbox"/> 126.0	<input type="checkbox"/> 126.1	<input type="checkbox"/> 201.0	<input type="checkbox"/> 201.1
380 SL	300 D TURBO 300 CD TURBO 300 TD TURBO	380 SE 500 SEL 500 SEC	300 SD	190 E 2.3	190 D 2.2

Inspection

Oil change

- 0101 Engine: Oil change and filter change
 2601 Manual transmission (201 Models)
 3501 Rear axle (starting model year 1985)

Inspection for leaks and condition Inspect for chafe marks and observe routing!

- 0050 All components: Engine, transmission, rear axle, steering, power steering pump, shock absorbers
 0051 Engine, automatic transmission, power steering: Lines and hoses
 2050 Cooling and heating system
 2950 Clutch control actuation (201 Models)
 3251 Level control (Model 300 TD)
 4750 Fuel system

Check and correct fluid level

Check for leakage!

- 2010 Engine cooling system: Check water/anticorrosion/antifreeze mixture
 2710 Automatic transmission
 2910 Clutch actuation (201 Models)
 3211 Level control (Model 300 TD)
 4210 Brake system
 4611 Power steering
 5410 Battery
 8210 Windshield washing system
 8312 A/C refrigerant

Engine

- 0750 Idle speed: Check, adjust (Diesels only)
 1350 V-belts: Check condition, retighten* except engine 102 (as of model year 1985), 601
 1351 V-belt: Check* Engine 102 (as of model year 1985), 601
 2290 Engine mounting: Relieve engine stop and retighten bolts (Engine 601)

Chassis

- 3361 Front axle: Check wheel bearing clearance, adjust if necessary
 3565 Rear axle carrier stop (Model 123)
 4060 Tire pressures including spare tire: Correct

Check intake and exhaust manifold for tightness. Tighten if needed.

- 1470 Intake manifold, boost air pipe, exhaust manifold. (Engine 617)

Retighten nuts and bolts—Adhere to tightening torque specifications!

- 4070 Wheels
 4671 Steering box
 4970 Exhaust pipe flange
 4971 Exhaust system: Slip joint connection

*California version: Recommended maintenance as defined by California Air Resources Board regulations. MERCEDES-BENZ urges that the maintenance be performed.

Lubrication

Oil change

- 0101 Engine: Oil change and filter change
 2601 Manual transmission; once at: 7500 miles — 190 E 5000 miles — 190 D
 3501 Rear axle; once at: 7500 miles — Gasoline models 5000 miles — Diesel models (Model year 1984 only)

Lubrication jobs

- 3022 Engine throttle linkage rods and shafts (Except engine 601)

Engine

- 2291 Engine mounting: Relieve engine stop (Engine 601, once at 5,000 miles)
 3050 Check engine throttle linkage rods and shafts for ease of movement, wear and full operating range (Except engine 601)

- 5410 Battery: check electrolyte level

Severe or heavy operating conditions:

- Additional engine oil (with filter) and automatic transmission oil (without filter) change is recommended between the scheduled intervals.

(Applicable in cases of frequent hard or sporty driving, city traffic, short distance or mountain driving, dusty or muddy conditions, trailer operation, etc.)

Maintenance

Section I: General and Lubrication

Oil change

- 0101 Engine: Oil and filter change

Inspection for leaks and condition

Inspect for chafe marks and check routing!

- 0050 All components: Engine, transmission, rear axle, steering, power steering pump, shock absorbers
 0051 Engine, automatic transmission, power steering: Lines and hoses
 2050 Cooling and heating system
 2950 Clutch actuation (201 Models)
 3251 Level control (Model 300 TD)
 4750 Fuel system

Check and correct fluid level.

If fluid loss cannot be accounted for by consumption, determine cause and eliminate (at extra cost).

- 2010 Engine cooling system: Check water/anticorrosion/antifreeze mixture
 2610 Manual transmission (201 Models)
 2710 Automatic transmission
 2910 Clutch actuation (201 Models)
 3211 Level control (Model 300 TD)
 3510 Rear axle
 4210 Brake system
 4611 Power steering
 5410 Battery

- 8210 Windshield washing system
 8312 A/C refrigerant

Lubrication jobs

- 3022 Engine throttle linkage rods and shafts
 7220 Door hinges (Except 201 Models)
 7221 Door locks (Except 201 Models)
 8820 Outside rear view mirror (Except 126, 201 Models)
 8821 Hood

(continued)

Maintenance Section II: Engine Maintenance

- 0560 Valve clearance: Adjust (Engine 617)
- 0932 Air filter element: Clean*
- 1350 V-belts: Check condition, retighten*. Except engine 102 (as of model year 1985), 601
- 1351 V-belt: Check* Engine 102 (as of model year 1985), 601
- 1550 Check spark plugs. Replace, if necessary*. (Only California version)
- 1580 Spark plugs: Replace. (Only Federal version)
- 3050 Check engine throttle linkage rods and shafts for ease of movement, wear and full operating range

*California version: Recommended maintenance as defined by California Air Resources Board regulations. MERCEDES-BENZ urges that the maintenance be performed.

Maintenance Section III: Safety Check

- 3353 Front axle: Check ball joints for condition and rubber boots for leaks
- 4050 Wheels: Dismount/mount. Rims: Check condition, inspect inside for dirt accumulation. If necessary, rotate wheels (Except Model 201)
- 4051 Tires: Inspect tread depth and wear pattern, check for damage
- 4060 Tire pressures including spare tire: Correct
- 4250 Check brake lines for damage
- 4251 Disc brake (front axle): Check brake pad lining thickness (201 Models)
- 4252 Check and clean disc brakes. For this purpose, remove brake pads. (Except 201 Models)
- 4261 Parking brake: Adjust
- 4290 Brake test on test stand/road test. Break-in parking brake as specified
- 4650 Check steering free play, looseness and condition of steering linkage
- 9150 Check seat belts for damage

Retighten nuts and bolts – Adhere to tightening torque specifications!

- 4671 Steering box
- Function test**
- 5451 Horn, indicator lamps
 - 8251 Headlamps, exterior lamps
 - 8252 Windshield wipers, windshield washing system

Tire tread depth in mm (inch)

Front		Rear	
Left	Right	Left	Right

Additional Work to be Performed together with the Respective Maintenance Service

Every 30,000 miles

Oil change

- 2702 Automatic transmission: Oil and filter change

Engine

- 0750 Idle speed: Check, adjust (Diesels only)
- 0753 Fuel prefilter: Check (Diesels only)
- 0760 Check injection timing (Diesels only)
- 0780 Fuel filter: Replace (Diesels only)
- 0980 Air filter: Replace element (Engine 102 and Diesels)
- 0981 Air filter: Replace elements (engine and air pump, Engine 116, 117)

- 1350 V-belts:* Check condition, retighten. Except engine 102 (as of model year 1985), 601
- 1351 V-belt:* Check Engine 102 (as of model year 1985), 601
- 1480 Oxygen sensor: Replace. (Once after 30,000 miles)
- 1580 Spark plugs: Replace.

Chassis and body

- 2551 Clutch: Check wear of clutch disc (201 Models)
- 4152 Propeller shaft: Check flex couplings for wear

- 4256 Parking brake: Check free operation of brake cables

Every 60,000 miles

Engine

- 0780 Fuel filter: Replace (all gasoline models)

*California version: Recommended maintenance as defined by California Air Resources Board regulations. MERCEDES-BENZ urges that the maintenance be performed.

Additional Work to be Performed together with the Respective Service Requires separate order

Chassis

- 4050 Wheels: Dismount/mount. Rims: Check condition, inspect inside for dirt accumulation. If necessary, rotate wheels. (201 Models)

Once a year (preferably in spring)

- 4280 Replace brake fluid
- 6030 Clean all water drains
- 7730 Sliding roof: Clean and lightly grease rails and sliding blocks

Every 3 years

- 2080 Replace coolant (water/anticorrosion/ antifreeze mixture)

Service Manager (Signature)

Date