Mercedes-Benz

450 SL
450 SLC

service

Maintenance booklet

JPL
To Nathan Mail

Kay Lee
90 Edgewater Dr. 808
Coral Gables Fl.

-666-2641

POCUS MOTOR SALES
100 SOUTH RIVER STREET
AURORA, ILL. 60506

10704412021512

Contents

To the owner

This **maintenance booklet** is designed to acquaint you with the necessary technical care of your vehicle.

The **MERCEDES-BENZ Maintenance Service Station**

was created to ensure proper servicing of your car for normal operating conditions.

We think this system to be the best arrangement for both vehicle and owner.

It consists of:

Section I = Service
Engine oil change with engine oil filter service, tests for leaks and condition, fluid level checks, lubrication jobs.

Section II = Electronic inspection
Electronic engine inspection and mechanical adjustment work on the engine.

Section III = Safety inspection
Inspection of steering unit, brakes, tires, functional tests and test drive.

The maintenance services are due at the following **intervals:**

1st MB maintenance service at	200–600 miles
2nd MB maintenance service at	5,000 miles
3rd MB maintenance service at	10,000 miles
Further regular maintenance services only every but at least once a year.	10,000 miles
Additional work every	30,000 miles

Replace **brake fluid** once a year, most suitable in spring.

Prior to the onset of the cold season, check the cooling water/antifreeze mixture for its resistance to cold. Repeat several times as long as frost persists. Renew coolant/antifreeze mixture at the latest after two years.

At every 10,000 miles maintenance service, all three maintenance sections are performed. You can order each of these sections separately at any time if particular driving conditions require it, or on a precautionary basis before leaving for a long trip.

Maintenance work does not include repair jobs. These should be requested on a separate order.

On the next page we have compiled the lubrication services and routine checks which become due regardless of the regular maintenance services.

We wish you good motoring.

DAIMLER-BENZ-Aktiengesellschaft

Lubrication Service and Routine Checks

1. Lubrication Services

1.1. Engine Oil Change together with Engine Oil Filter Service

Carry out every 5,000 miles, at least twice a year in spring and fall. Any engine oil change and engine oil filter service performed **must be affirmed in the service booklet.**

Approved Oil Viscosities

Year-round use oils	SAE 10 W-40, 10 W-50
Other approved oils for ambient temperatures constantly exceeding 0° C / + 32° F (Central Europe April to October)	SAE 30, 20 W-40, 20 W-50
exceeding + 30° C / + 86° F	SAE 40 may also be used
From + 10° C / + 50° F to – 20° C / – 4° F (Central Europe October to April)	SAE 10 W-30
Below – 10° C / + 14° F	SAE 5 W-20, 5 W-30

1.2. Approved Engine Oils

Engine oils are subjected to special tests to determine their suitability for our engines. Therefore, we recommend using only engine oils which have been approved by us. Every MERCEDES-BENZ service station will be pleased to give you further details on this matter.

1.3. Lubrication Jobs

Lubricate throttle control linkage.

2. Routine Checks

2.1. Regularly check oil level in engine and replenish oil, if necessary, during the running-in period at 300 miles at the latest.
At the same time check **cooling water level** and have water replenished.

2.2. Regularly check **fluid level in the automatic transmission** at the latest after 5,000 miles and have replenished with a recommended type of automatic transmission fluid.

2.3. Check **fluid level of brake system.**
If brake fluid has to be added, see a MERCEDES-BENZ service station to determine the cause, e. g. worn brake linings.

2.4. Regularly check and correct the **electrolyte level of the battery.** In tropical regions, this check should be made daily.

2.5. Regularly check the **tire pressure.**
If the car is driven in a sporty manner, check weekly and have pressure corrected, if necessary.

2.6. Have **windshield washer system** replenished in good time.

Severe Operating Conditions

Like all technical equipment, your vehicle also requires care and maintenance. The extent and frequency of these services depend mainly on the operating conditions. It is therefore hardly possible to issue recommendations which meet all the conditions. Our recommendations are tailored **to the normal situation and normal use.**

In the case of rigorous operating conditions or heavy use mainly in city traffic or over short distances, frequent mountain driving, poor roads, dusty and muddy conditions, trailer operation, hard and sporty driving, etc. it may be necessary to inspected e. g.

the front axle brake linings
the ignition system
the tires

at shorter intervals.

Under such conditions the engine oil should also be changed every 2,500–2,800 miles without engine oil filter service and the automatic transmission fluid every 13,000–17,000 miles without filter change.

Any MERCEDES-BENZ service station will be pleased to give you expert and individual advice.

Pre-delivery Inspection

Before delivery of the vehicle, we recommend checking the following items:

Oil and fluid levels in engine, automatic transmission and power steering unit

Cooling water / antifreeze

Idle speed (clean spark plugs if necessary)

Electrolyte level of battery

Brake fluid level

Brake system, fuel, oil and cooling water system for leaks

Windshield washer system

Proper function of service and parking brakes

Equipment for completeness (tools, documents, etc.)

Heating and air conditioning system for function

Electrical system / radio for function

Wheel lugs for firm seat

Tire pressure

Chromium-plated parts, as well as the interior of the vehicle (upholstery) for damage

Vehicle cleaned inside and outside

When delivering the vehicle, give the following instructions:

Detailed instructions about the operation of the vehicle

Explanatory notes on severe operating conditions

Use of keys

Engine hood lock, radiator cap

Oil level check

Wheel change

Adherance to recommended tire pressure acc. to table

Towing instructions (automatic transmission)

(Rubber stamp)

Date Signature

Warranty

A vast network of MERCEDES-BENZ service stations is at your disposal to carry out service and maintenance jobs on your car. Every service station with its special equipment, tools, specially trained personnel, experience and regular technical information supplied by the factory guarantees that your car is efficiently and thoroughly checked and maintained according to the latest MERCEDES-BENZ standards.

The vehicle must receive the prescribed **maintenance and/ or lubrication work** at specified intervals established in this maintenance booklet and **confirmed therein.** Pages 13–34 of this booklet are to be used to record verification of performance of such required maintenance and/or lubrication work.

Warranty consideration according to the sales agreement may **only be given if the required maintenance and/or lubrication work has been performed. If no validation** is made in this maintenance booklet, receipted bills or other evidence that the required maintenance and/or lubrication work have been performed, must be presented to an authorized MERCEDES-Benz service station.

As far as there are legal regulations on exhaust emission control it has to be observed that the engines must be maintained and timed acc. to special instructions and by means of special measuring instruments (CO-measuring instrument). Modifications or conversions of already existing exhaust emission control systems are not permissible.

All MERCEDES-BENZ service stations are familiar with the appropriate regulations.

service

Maintenance Vouchers

MB Maintenance (for range of work refer to page 40)

1. Inspection at 200–600 miles

with engine oil change and engine oil filter service

Castrol 10w-50.

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

00612

Mileage

RO# 2186.

Rep. order No.

(Rubber stamp)

AUTOHAUS MART, INC.
744 N. Federal Hwy.
Pompano Beach Fla. 33062

10-15-74

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Maintenance (for range of work refer to page 42)

2. Inspection at 5,000 miles

with/without engine oil change and engine oil filter service

DRYDENE

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

6580

Mileage

5491

Rep. order No.

5-9-75

Date

AUTOHAUS MART, INC.
744 N. Federal Hwy.
Pompano Beach Fla. 33062

(Rubber stamp)

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Maintenance (3 sections, for range of work refer to page 44-46)

10,000 miles · 100,000 miles

with/without engine oil change and engine oil filter service

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Lubrication Service
15,000 miles · 105,000 miles

- ☐ Engine oil change, engine oil filter service
  Use only original Mercedes-Benz filter cartridges and gaskets.
- ☐ Lubricate throttle control linkage
- ☐ **Severe operating conditions (refer to page 7)** For example, checking the brake lining thickness of the front wheel brakes

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Non-scheduled Maintenance Service as required

☐ Section I: Service
☐ Section II: Electronic Engine Inspection including Engine Maintenance
☐ Section III: Safety Inspection

Oil brand/viscosity
For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

(Rubber stamp)

Rep. order No.

Date

Signature

MB Maintenance (3 sections, for range of work refer to page 44-46)

20,000 miles · 110,000 miles

with/without engine oil change and engine oil filter service

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Lubrication Service

25,000 miles · 115,000 miles

- ☐ Engine oil change, engine oil filter service
  Use only original Mercedes-Benz filter cartridges and gaskets.
- ☐ Lubricate throttle control linkage
- ☐ **Severe operating conditions (refer to page 7)** For example, checking the brake lining thickness of the front wheel brakes

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Non-scheduled Maintenance Service as required

☐ Section I: Service
☐ Section II: Electronic Engine Inspection including Engine Maintenance
☐ Section III: Safety Inspection

Oil brand/viscosity
For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

MB Maintenance (3 sections, for range of work refer to page 44-46)

30,000 miles · 120,000 miles

with/without engine oil change and engine oil filter service

Quaker State 30w HD

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

30817

Mileage

6386

Rep. order No.

11-23-76

Date

AUTOHAUS MART, INC.
(Rubber stamp)
744 N. Federal Hwy.
Pompano Beach Fla. 33062

Al Brenner

Signature

Lubrication Service

35,000 miles · 125,000 miles

- ☑ Engine oil change, engine oil filter service
  Use only original Mercedes-Benz filter cartridges and gaskets.
- ☑ Lubricate throttle control linkage
- ☐ **Severe operating conditions (refer to page 7)** For example, checking the brake lining thickness of the front wheel brakes

Kendall 10/30

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

33,912

Mileage

Rep. order No.

IMPORTED MOTORCARS, INC.
413 E. ATLANTIC BLVD.
POMPANO BEACH, FLA. 33060
(305) 785-8020

2-15-78

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

Thing Chang
Replace

MB Non-scheduled Maintenance Service as required

☐ Section I : Service
☒ Section II : Electronic Engine Inspection including Engine Maintenance
☐ Section III : Safety Inspection

Oil brand/viscosity
For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

38953
Mileage

MB 28393
Rep. order No.

11/15/80
Date

IMPORTED MOTORCARS, INC.
413 E. ATLANTIC BLVD.
POMPANO BEACH, FLA. 33060
(305) 785-8020

Signature

MB Maintenance (3 sections, for range of work refer to page 44-46)

40,000 miles · 130,000 miles

with/without engine oil change and engine oil filter service

Kendall 10/30

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

43,283

Mileage

Rep. order No.

4-16-83

Date

Signature

IMPORTED MOTORCARS, INC.
413 E. ATLANTIC BLVD.
POMPANO BEACH, FLA. 33060
(305) 785-8820

Lubrication Service

45,000 miles · 135,000 miles

- ☐ Engine oil change, engine oil filter service
  Use only original Mercedes-Benz filter cartridges and gaskets.
- ☐ Lubricate throttle control linkage
- ☐ **Severe operating conditions (refer to page 7)** For example, checking the brake lining thickness of the front wheel brakes

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Non-scheduled Maintenance Service as required

☐ Section I: Service
☐ Section II: Electronic Engine Inspection including Engine Maintenance
☐ Section III: Safety Inspection

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

MB Maintenance (3 sections, for range of work refer to page 44-46)

50,000 miles · 140,000 miles

with/without engine oil change and engine oil filter service

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

46852

Mileage

Rep. order No.

7/12/89

Date

IMPORTED MOTORCARS, INC.
413 E. ATLANTIC BLVD.
POMPANO BEACH, FLA. 33060
(305) 785-8020

(Rubber stamp)

Signature

Lubrication Service

55,000 miles · 145,000 miles

- ☐ Engine oil change, engine oil filter service
  Use only original Mercedes-Benz filter cartridges and gaskets.
- ☐ Lubricate throttle control linkage
- ☐ **Severe operating conditions (refer to page 7)** For example, checking the brake lining thickness of the front wheel brakes

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Non-scheduled Maintenance Service as required

☐ Section I: Service
☐ Section II: Electronic Engine Inspection including Engine Maintenance
☐ Section III: Safety Inspection

Oil brand/viscosity
For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

MB Maintenance (3 sections, for range of work refer to page 44-46)

60,000 miles · 150,000 miles

with/without engine oil change and engine oil filter service

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Lubrication Service

65,000 miles · 155,000 miles

- ☐ Engine oil change, engine oil filter service
  Use only original Mercedes-Benz filter cartridges and gaskets.
- ☐ Lubricate throttle control linkage
- ☐ **Severe operating conditions (refer to page 7)** For example, checking the brake lining thickness of the front wheel brakes

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Non-scheduled Maintenance Service as required

☐ Section I: Service
☐ Section II: Electronic Engine Inspection including Engine Maintenance
☐ Section III: Safety Inspection

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

(Rubber stamp)

Rep. order No.

Date

Signature

MB Maintenance (3 sections, for range of work refer to page 44-46)

70,000 miles · 160,000 miles

with/without engine oil change and engine oil filter service

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Lubrication Service

75,000 miles · 165,000 miles

- ☐ Engine oil change, engine oil filter service
  Use only original Mercedes-Benz filter cartridges and gaskets.
- ☐ Lubricate throttle control linkage
- ☐ **Severe operating conditions (refer to page 7)** For example, checking the brake lining thickness of the front wheel brakes

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Non-scheduled Maintenance Service as required

☐ Section I: Service
☐ Section II: Electronic Engine Inspection including Engine Maintenance
☐ Section III: Safety Inspection

Oil brand/viscosity
For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

(Rubber stamp)

Rep. order No.

Date

Signature

MB Maintenance (3 sections, for range of work refer to page 44-46)

80,000 miles · 170,000 miles

with/without engine oil change and engine oil filter service

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Lubrication Service

85,000 miles · 175,000 miles

- ☐ Engine oil change, engine oil filter service
  Use only original Mercedes-Benz filter cartridges and gaskets.
- ☐ Lubricate throttle control linkage
- ☐ **Severe operating conditions (refer to page 7)** For example, checking the brake lining thickness of the front wheel brakes

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Non-scheduled Maintenance Service as required

☐ Section I: Service
☐ Section II: Electronic Engine Inspection including Engine Maintenance
☐ Section III: Safety Inspection

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

(Rubber stamp)

Rep. order No.

Date

Signature

MB Maintenance (3 sections, for range of work refer to page 44-46)

90,000 miles · 180,000 miles

with/without engine oil change and engine oil filter service

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Lubrication Service

95,000 miles · 185,000 miles

- ☐ Engine oil change, engine oil filter service
  Use only original Mercedes-Benz filter cartridges and gaskets.
- ☐ Lubricate throttle control linkage
- ☐ **Severe operating conditions (refer to page 7)** For example, checking the brake lining thickness of the front wheel brakes

Oil brand/viscosity

For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

Rep. order No.

(Rubber stamp)

Date

Signature

Adapt the maintenance intervals to severe operating conditions!
(Refer to page 7)

Have MB non-regular maintenance carried out in your MERCEDES-BENZ service station as required.

MB Non-scheduled Maintenance Service as required

☐ Section I: Service
☐ Section II: Electronic Engine Inspection including Engine Maintenance
☐ Section III: Safety Inspection

Oil brand/viscosity
For year round use oils SAE 10 W 40, 10 W 50 and other approved oil viscosities see page 6

Mileage

(Rubber stamp)

Rep. order No.

Date

Signature

Changing brake fluid

(once a year, most suitably in spring)

Mileage _____

Brand _____ (Rubber stamp)

Date _____

Signature _____

Mileage _____

Brand _____ (Rubber stamp)

Date _____

Signature _____

Mileage _____

Brand _____ (Rubber stamp)

Date _____

Signature _____

Mileage _____

Brand _____ (Rubber stamp)

Date _____

Signature _____

Mileage

Brand

Date

Signature

(Rubber stamp)

Mileage

Brand

Date

Signature

(Rubber stamp)

Mileage

Brand

Date

Signature

(Rubber stamp)

Mileage

Brand

Date

Signature

(Rubber stamp)

Mileage

Brand

Date

Signature

(Rubber stamp)

Mileage

Brand

Date

Signature

(Rubber stamp)

Vehicle Body Cavity Preservation

Body cavity preservation is included in standard production at the works. We recommend that you repeat this preservation process once more after approximately one year. This action ensures optimum protection for those body cavities of your vehicle which are particularly exposed to environmental influences.

Precise MERCEDES-BENZ directives are available en vehicle body preservation.

Any MERCEDES-BENZ service station will advise you accordingly.

In addition to this we recommend you to have damage to the paintwork and on the underbody repaired before and after the winter season.

Confirmation of vehicle body cavity preservation

Mileage _____

Date _____ (stamp)

Signature _____

service

1. Inspection at 200–600 miles

Lubrication

Oil change

151 Engine with engine oil filter service
180 Rear axle

Inspection for leaks and condition

038 Cooling and heating system
041 Fuel system

Check and correct fluid level
Check for leakage!

120 Automatic transmission
134 Power steering
465 Windshield washing system
700 Brake
990 Radiator
Check water/antifreeze mixing ratio

Maintenance

Engine

756 All V-belts: retighten
752 Cylinder head:
retorque bolts
On warm engine
753 Valve clearance: adjust
781 Dwell angle: check
772 Ignition: set timing
798 Idle speed: check, readjust
Use CO tester

Chassis

525 Automatic transmission,
selector and control pressure linkage:
check adjustment
987 Correct tire inflation pressure

Retighten bolts and nuts
Number in ( ) is the number of bolts and nuts

871 Intake and exhaust manifold (16)
exhaust pipe flange (4)
891 Fuel lines and hoses:
hose clamps (27)
905 Refrigerant compressor:
bracket on engine (5)
907 Hose clamps and clips:
cooling and heater water hoses
951 Exhaust system:
plug connection (2)
530 Automatic transmission:
oil pan (4)
924 Steering: mounting (3)
988 Wheel mounting bolts (20)

service

2. Inspection at 5,000 miles

Lubrication

Oil change

151 Engine with engine oil filter service
180 Rear axle

Inspection for leaks and condition

038 Cooling and heating system
041 Fuel system

Check and correct fluid level

If fluid loss cannot be accounted for by consumption, determine cause and eliminate

120 Automatic transmission
134 Power steering
465 Windshield washing system
484 Air conditioner
700 Brake
821 Battery
990 Radiator
Check water/antifreeze mixing ratio

Lubrication jobs

398 Parking brake:
intermediate arm guide
415 Engine throttle linkage and
control shaft

Body

492 Door weatherseals: remove rubber
abrasion from contacting areas and
rub weatherseals with Orel

Maintenance

Engine

781 Dwell angle: check
772 Ignition: set timing
798 Idle speed: check readjust
Use CO tester

Chassis

630 Front axle: adjust wheel bearings
according to specifications
Severe operating conditions (refer to page 7) For example, checking the bra
lining thickness of the front wheel bra

Retighten bolts and nuts

Number in ( ) is the number of bolts and nuts

891 Fuel lines and hoses:
hose clamps (27)

to
brake
brakes

service

Maintenance service
every 10,000 miles
with additional work
every 30,000 miles

Section I

Service including engine oil change and engine oil filter service

Oil change

151 Engine with engine oil filter service

Inspection for leaks and condition

038 Cooling and heating system
041 Fuel system

Check and correct fluid level

If fluid loss cannot be accounted for by consumption, determine cause and eliminate at extra charge

120 Automatic transmission
130 Rear axle
134 Power steering
465 Wandshield washing system
484 Air conditioner
700 Brake
821 Battery
990 Radiator
Check water/antifreeze mixing ratio

Lubrication jobs

350 Door hinges
393 Door locks
395 Engine hood
398 Parking brake: intermediate arm guide
415 Engine throttle linkage and control shaft

Body

492 Door weatherseals: remove rubber abrasion from contacting areas and rub weatherseals with Orel

Section II

Electronic engine test incl. engine maintenance

Mechanical work

753 Valve clearance: adjust
202 Air filter element:
under normal operating conditions: clean
under very dusty operating conditions: replace
Normally to be replaced every 30,000 miles

757 Check condition and tension of V-belts
813 Throttle control linkage:
Check ease of movement
770 Spark plugs: replace
751 Compression: check
773 Breaker points: replace

Electronic engine test

782 Dwell angle: adjust
Ignition: set timing
832 Check condition of ignition system
Evaluate oscillograph curve
798 Idle speed: check, readjust
Use CO tester

Section III

Safety inspection

025 Steering components:
check steering, steering coupling and steering linkage for play by turning the steering wheel
983 Wheels: dismount/mount
Rims: check condition,
inspect inside for dirt accumulation
982 Tires:
inspect tread depth and wear pattern, check for damage

987 Correct tire inflation pressure
707 Brake pads: remove, clean, check, replace if required
703 Brake calipers: check for leaks and free movement of pistons
Check condition of dust boots
708 Brake discs: check condition, clean cooling fins
009 Parking brake: check free operation of brake cables

706 Parking brake: adjust
028 Maintenance-free joints of front axle: check rubber boots for leaks and condition
029 Steering: check rubber boots for leaks and condition as well as condition of linkage
097 Brake test on test stand/road test

Retighten bolts and nuts
Number in ( ) is the number of bolts and nuts

924 Steering: mounting (3)
988 Wheel mounting bolts (20)

099 **Functional test**

Vehicle lamps and control lights
Signal
Windshield wiper, windshield washer system
Heating and ventilation

098 **Test drive**
(road test/test stand)

Automatic transmission
Air conditioning system

Additionally every 30,000 miles

Maintenance

170 Oil change, automatic transmission

Filter service

174 Automatic transmission: replace filter element
612 Power steering:
replace filter element in fluid reservoir
847 Fuel filter:
replace filter

Lubrication jobs

388 Front wheel bearings,
wheel hub caps: repack with grease

Retighten bolts and nuts
Number in ( ) is the number of bolts and nuts

871 Intake and exhaust manifold (16)
exhaust pipe flange (4)

Visual inspection

625 Front wheel toe-in: check
030 Propeller shaft: check joint plate for we

wear

Stickers

The following stickers are attached to the door frame of the driver's door by every MERCEDES-BENZ Service Station. They are meant to remind you when the next lubrication and maintenance service is due.

25,000 miles	Lubrication service
30,000 miles	Maintenance service

Printed in Germany
Subjects to modifications
Reproduction of this booklet
is not permitted
s. e. e. o.
ZKD / 12. 73 / SVA

70,000 miles

60,000 miles

50,000 miles

40,000 miles

30,000 miles

20,000 miles

15,000 miles

65,000 miles

55,000 miles

45,000 miles

107 584 15 95
6500 1126
450 SL · 450 SLC · USA Ausgabe A/2

Daimler-Benz AG Stuttgart-Untertuerkheim
Zentralkundendienst