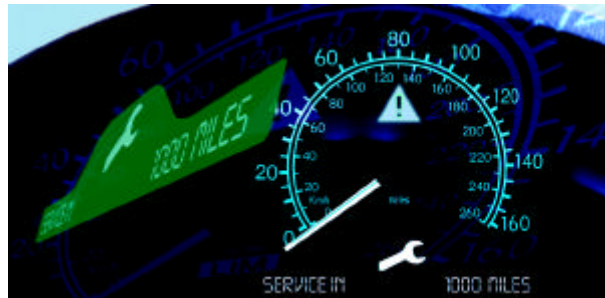




Mercedes-Benz



Service Booklet

PLEASE NOTE

SERVICE, REPLACEMENT, OR REPAIR OF THE EMISSION CONTROL DEVICES AND SYSTEMS MAY BE PERFORMED BY ANY AUTOMOTIVE REPAIR ESTABLISHMENT OR INDIVIDUAL USING CERTIFIED PARTS.

THE USE OF DEFECTIVE OR NON-EQUIVALENT PARTS MAY RESULT IN YOUR EMISSION PERFORMANCE WARRANTY CLAIM BEING DENIED.

WE STRONGLY RECOMMEND, HOWEVER, TO HAVE YOUR VEHICLE SERVICED BY YOUR AUTHORIZED MERCEDES-BENZ CENTER WHO IS FULLY EQUIPPED TO PROVIDE THIS SERVICE.

Model

License Plate No.

Vehicle Identification No.

License Plate No.

Date of registration

License Plate No.

Paint No.

License Plate No.



Notes:

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Introduction



We want you to enjoy your Mercedes-Benz automobile. Vehicle safety and operational reliability are two very important factors and to maintain them, a certain amount of service work is necessary.

The Mercedes-Benz Flexible Service System includes all the necessary work to be carried out.

The vehicle comes equipped with the Flexible Service System (FFS) which is explained in detail in the Operator's Manual.

The next service is indicated in the instrument cluster.

According to the vehicle past performance, your Mercedes-Benz Center will recommend the service work necessary, meaning that your vehicle will be maintained according to your driving style.

We continuously strive to improve our product, and ask for your understanding that we reserve the right to make changes in the service work.

There are two groups, a (“minor” =) A-service, and a (“major” =) B-service. Under normal circumstances the driven distance between services is an average of approximately 12 000 miles, and the A and B-services alternate. Exception: A B-service is followed by another B-service, if the FSS calculates an oil change interval of 14 000 miles or more.

Service work not mileage dependent is listed in section “Additional Work to be Performed.”

A detail listing of service jobs is contained in this booklet following the service records.

Special Service Measures



Brake fluid should be replaced every two years, preferably in the spring, see page 32. It is recommended to use only brake fluid approved by Mercedes-Benz.

A reminder for the next scheduled brake fluid replacement is affixed in the engine compartment.

Coolant should be checked for sufficient protection before the start of and during the hot and cold seasons.

Have the coolant (water/anticorrosion/antifreeze mixture) replaced every three years.

Dust filter should be replaced at the scheduled service. Under severe dust conditions, or with the Automatic Climate Control frequently operating in the air recirculation mode, the dust filter should be replaced correspondingly sooner.

The performance of all scheduled service work is required to maintain your vehicle in good operating condition and is essential to keep your warranty valid. While we do not insist that such work be performed by a factory-authorized Mercedes-Benz Center, we strongly recommend to have an authorized Mercedes-Benz Center do such work because they are equipped with the tools, instruments, literature, and trained personnel necessary for correct and systematic performance of these jobs.

Spare Parts/Operating Materials

We recommend to use only Mercedes-Benz parts for service and repairs, since they meet our specifications. It is also important to use only fuels, lubricants and anticorrosion/antifreeze coolant meeting factory specifications. See your Mercedes-Benz Center for more information on this subject.

Routine Checks

In addition to the services, we recommend that you check the following items regularly and prior to any long trip:

Engine oil level – at regular intervals (such as every fuel stop).

Coolant level

Fluid level of brake system

If brake fluid has to be added, see an authorized Mercedes-Benz Center to determine the cause, e. g. leaks or worn brake pads.

Windshield washing system – add washer fluid mixed with Mercedes-Benz windshield washer solvent/concentrate, test function and check wiper blades.

Tire pressure – at least every other week.

Service Records



Your authorized Mercedes-Benz Center will certify in the service booklet that all services have been carried out.

The next service is indicated in the instrument cluster (see chapter "Flexible Service System" in your Operator's Manual).

Following each A or B-service your Mercedes-Benz Center will reset the FSS counter.

Note:

The FSS counter is not reset at time of oil change only.

Service work does not include repair jobs.

For information concerning warranty, see your Service and Warranty Information Booklet.

Your authorized Mercedes-Benz Center will gladly furnish additional information on the maintenance of your vehicle.

We extend our best wishes for many miles of safe, pleasurable driving.

DAIMLERCHRYSLER AG

Emission System Maintenance

The U. S. Environmental Protection Agency and, in California, the Air Resources Board have certified that the emission control system of your vehicle meets exhaust emission standards for 2000. This vehicle also complies with the Canadian Motor Vehicle Safety and Emission Standards.

To be certain that the emission control system functions as designed, regular maintenance is necessary for all components of the vehicle which affect exhaust emission composition.

The vehicle owner is responsible for the regular maintenance of the emission control system, as well as the use of premium unleaded gasoline with an anti-knock index of at least 91 (displayed on the pump) in all models.

Refer to your Service and Warranty Information booklet and Operator's Manual for additional information.

Failure to properly maintain the emission system may result in repairs not being covered by the emission systems warranty.

Explanations of each maintenance job are given in numerical order on pages 34-35.

Emission Control System Caution



Your Mercedes-Benz is equipped with both a three-way catalyst and a closed loop oxygen sensor system to comply with current exhaust emission regulations. Keep your vehicle in proper operating condition by following our recommended maintenance instructions as outlined.

The following has to be adhered to:

- a. In all models, use only premium unleaded gasoline with an anti-knock index of at least 91 (as displayed on the pump). Damage to the engine could occur if premium unleaded fuel is not used. Refer to the Operator's Manual for special precautions.
- b. Leaded gasoline should not be used under any circumstances. Damage to the emission control components will result.
- c. The specified engine maintenance jobs have to be performed completely and at the required intervals. Correct ignition timing and properly functioning spark plugs for instance are important for the service life of the catalysts. Failure to properly perform the specified maintenance jobs may adversely affect the emission control system on the vehicle and reduce its service life.

d. The operation of the emission control system must not be altered in any way. Alterations are not permissible by law. In addition, alterations may result in damage to the catalysts, increased fuel consumption and impaired engine running conditions.

e. Irregular engine running conditions should be corrected immediately at a qualified service station. Such irregular running conditions can influence the proper function of the emission control system.

“CHECK ENGINE” indicator lamp in the instrument cluster: If the lamp comes on when the engine is running, it indicates a malfunction of the engine management system or emission control system. We recommend that you have the malfunction checked as soon as possible.

Pre-delivery Inspection Confirmation
Carried out in compliance with manufacturer's instructions



Rubber stamp

Date

Signature

Date: _____ **Flexible Service System**

Odometer: _____ Repair order no. _____

Oil change

Type of service A B Distance remaining _____ miles

or days remaining _____

Replaced Yes/No _____

Oil brand / viscosity _____

Brake fluid

Coolant

Spark plugs MB Center rubber stamp

Air filter

Fuel filter

Activated charcoal filter Signature _____

Date: _____ **Flexible Service System**

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Brake fluid

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or days remaining _____

Replaced Yes/No _____

Oil brand / viscosity _____

Brake fluid

Coolant

Spark plugs MB Center rubber stamp

Air filter

Fuel filter

Activated charcoal filter Signature _____

If you wish to retain continuous proof that your vehicle has been properly maintained, please request a new service booklet from your authorized Mercedes-Benz dealer.

Required Vehicle Service Work (including Emission System Maintenance)

A-Service

B-Service

Notes:

For description of emission system maintenance jobs, see page 34.

The four digit-numbers next to the maintenance jobs are reference numbers of the detailed maintenance job descriptions listed in the MB Maintenance Manual used by MB technicians.

A-Service



Interior

Function check	
Warning and indicator lamps, horn	----
Headlamps and exterior lamps	----
Windshield/headlamp, wiper and washer systems	8252
Check seat belts for damage	9150
Reset FSS counter	----
Heating and ventilation: Replace dust filter Models 170, 202, 208, 210	8381

Wheels, brakes

Inspect tires and record tread depth	4051
Correct tire pressure	----
Check brake pad thickness	4251
Check condition of brake discs	4251

Engine compartment

Engine oil and filter change 0101
Check and correct fluid level

If there is a loss of fluid, determine cause
and perform repair with separate work order

Engine coolant/antifreeze protection 2010
Brake system 4210
Windshield/headlamp washing system 8210
Lubricating engine hood 8821

Trunk

Check and correct tire pressure (spare) ----
Except Model 170

B-Service



Brake test, parking brake check	4290	Check and correct fluid level	
Interior		Battery	----
Function check		Model 210	
Warning and indicator lamps, horn	----		
Headlamps and exterior lamps	----		
Windshield/headlamp, wiper and washer systems	8252		
Check seat belts for damage	9150		
Reset FSS counter	----		
Heating and ventilation: Replace dust filter Models 170, 202, 208, 215, 210	8381		

Wheels, brakes

Inspect, rotate wheels Except vehicles with different tire sizes front/rear	4050
Inspect tires and record tread depth	4051
Correct tire pressure	----
Check brake pad thickness	4251
Check condition of brake discs	4251

Underside of Car

If there is a loss of fluid, determine cause and perform repair with separate work order	
Inspect condition of components, lines and hoses for chafe marks, leaks, missing parts and proper routing	0053
Check front axle ball joints	3353
Check steering play	4650



Engine compartment		Brake system	4210
If there is a loss of fluid, determine cause and perform repair with separate work order		Power steering	4611
Inspect condition of components	0053	Battery. Model 170	----
lines and hoses for chafe marks,		Climate control refrigerant. Model 170	8312
leaks, missing parts and proper routing		Windshield/headlamp washing system	8210
Engine oil and filter change	0101		
Check and correct fluid level			
If there is a loss of fluid, determine cause and perform repair with separate work order			
Engine coolant/antifreeze protection	2010		
Level control, ADS	3211		
Active Body Control	3213		
Model 129, without activated			

Poly-V-belt (engine): Check for condition*	1351
Inspect and lubricate throttle linkage	3022
Heating and ventilation: Replace dust filter	8381
Model 129, without activated charcoal filter	
Lubricating engine hood	8821

* Mercedes-Benz urges that this procedure be performed to maintain peak performance although it is not required to maintain your emission warranty and will not affect Mercedes-Benz's recall liability.

Body

Check condition of headlamp wiper blades	8252
Replace windshield wiper insert(s)	8280
Windshield washing system	8210

Trunk

Check and correct fluid level	
Battery.	----
Models 129, 202, 208	
Correct tire pressure	----
Except Model 170	
Soft top/hardtop and roll bar hydraulic system	7710
Models 129, 170	

Additional Work to be Performed together with the Respective Service



Once at more than 15 000 miles		At approximately every 50 000 miles	
Parking brake: Adjust.	4261	Underside of Car	
Model 129		Inspect drive shaft flex disks	4152
At approximately every 30 000 miles or 4 years.			
Underside of Car			
Inspect parking brake cables	4256		
Model 129			
Observe tightening torque!			
Retighten steering gear bolts	4671		
Except Model 210, 21, 220			

At approximately every 60 000 miles or 4 years

Underside of Car

Fuel filter: Replace 0780

Engines

Replacement not required at 60000 miles*

Engine compartment

Air filter: Replace element - - - -

At approximately every 60 000 miles or 5 years

Interior

Replace activated charcoal filter 8382

Model 210

* Mercedes-Benz urges that this procedure be performed to maintain peak performance although it is not required to maintain your emission warranty and will not affect Mercedes-Benz's recall liability.



**Additional Work to be Performed together with the Respective Service –
Required Separate Order**

Every 2 years		Every 3 years	
Replace brake fluid	4280	Replace coolant	2080
Inspect suspension and body structure	0090	Water/anticorrosion/antifreeze mixture	
Inspect body for paint damage	9850	Slidingroof: Clean and lightly grease rails	7730
Spark plug intervals		At approximately every 60 000 miles	
Replace spark plugs	1580	4 years	
Spark plugs are subject to erosion and must be replaced according to schedule on page 33		Check condition of fuel filler nozzle seal in filler neck, replace if damaged	4751
		Models 129, 170, 210, 215, 220	

Spark plug intervals

		Model	C230K SLK230	S430 CL500 S500	SL600	C280 CLK320 E320	CLK430 E430 E55AMG SL500
Replace spark plugs	1580	Engine	111 ML	113	120	112	113
At approximately every 30000 miles or 4 years.			•				
At approximately every 60000 miles or 5 years.					•		
At approximately every 100000 miles or 5 years.				•		•	•

Description of Emission System Maintenance Jobs



The composition of exhaust emissions is influenced not only by the special emission control equipment, but also by various engine components and their adjustments. Therefore, emission system maintenance must include these engine components. Some maintenance jobs are actually only tests. They are important however, because they allow early detection of discrepancies which can later lead to increased exhaust emissions. It is generally less

expensive to have such items adjusted immediately rather than allowing them to contribute to costly repairs.

The maintenance intervals have been determined so that the vehicle, under normal conditions, should operate properly between services.

0101 Engine: Oil change and filter change
Change the engine oil and oil filter at least once every two years. If oil consumption should increase, determine the cause and take necessary corrective steps.
Reset FSS counter.

0780 Replace fuel filter*
Replace the fuel filter approximately every 60 000 miles or 4 years.

0980 Replace air filter element
Under normal dust conditions, replace air filter element approximately every 60 000 miles or 4 years.
Clean air filter cover and housing

1351 Check engine Poly-V-belt condition
The Poly-V-belt is subject to wear and aging. It must be checked for cracks and wear.
Replace Poly-V-belt if necessary.

1580 Replace sparks plugs
Sparks plugs are subject to electrode erosion and must be replaced according to schedule on page 33.

* Mercedes-Benz urges that this procedure be performed to maintain peak performance although it is not required to maintain your emission warranty and will not affect Mercedes-Benz's recall liability.



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