



## Service information



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Mercedes-Benz



## Welcome to the world of Mercedes-Benz

Thank you for choosing Mercedes-Benz. With ownership of a Mercedes-Benz comes our promise to support you whenever and wherever necessary. We look forward to assisting you with our world-wide service network, our products, service and warranties for the duration of your vehicle's service life.

Please read this Service Booklet and the Operator's Manual carefully to ensure that your vehicle runs properly.

### PLEASE NOTE

WE STRONGLY RECOMMEND THAT YOU HAVE YOUR VEHICLE SERVICED BY YOUR AUTHORIZED MERCEDES-BENZ CENTER WHO IS FULLY EQUIPPED TO PROVIDE THIS SERVICE AND THAT GENUINE MERCEDES-BENZ PARTS BE USED.

SERVICE, REPLACEMENT, OR REPAIR OF THE EMISSION CONTROL DEVICES AND SYSTEMS CAN 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.


### Symbols


The following symbols are found in this booklet:


#### WARNING

Warning notes make you aware of dangers which could pose a threat to your health or life, or to the health and life of others.

 Highlights hazards that may result in damage to your vehicle.

 Helpful hints or further information you may find useful.

 This symbol tells you where to look for further information on a topic.

 This continuation symbol marks a warning or procedure which is continued on the next page.

## Publication details

### Internet

Further information about Mercedes-Benz vehicles and about Daimler can be found on the following website:

<http://www.mbusa.com>

### Editorial office

You are welcome to forward any queries or suggestions you may have regarding this Service Booklet to the technical documentation team at the following address:

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## Service information

### WARNING

If you do not have the prescribed service/maintenance work or any required repairs carried out, this can result in malfunctions or system failures. There is a risk of an accident.

Always have the prescribed service/maintenance work as well as any required repairs carried out at a qualified specialist workshop.

Always observe the service message in the instrument cluster display. Have the specified service carried out within the remaining time period or the remaining distance.


The Operator's Manual contains information on the ASSYST PLUS service interval display.

The qualified specialist workshop carries out the service due at fixed intervals. These inspections take place either after a specified distance or after a certain period of time, depending on which threshold is reached first.

- The first service A is due after 12 months at the latest. Service A is then due every 24 months at the latest.
- The first service B is due after 24 months at the latest. Service B is then due every 24 months at the latest.

Additional maintenance work is taken into account depending on time and distance. Additional work includes maintenance work carried out due to technical requirements, in cases of wear or work carried out on any optional equipment which might require service. This work is carried out and invoiced separately.

Depending on how the vehicle is used, the ASSYST PLUS service interval display may display the next service due date earlier than is indicated in this Service Booklet.


-  You can obtain up-to-date information concerning the servicing of your vehicle at any time from a qualified workshop, e.g. an authorized Mercedes-Benz Center. This could be an overview of the maintenance work or any additional maintenance work, for example.

We are continually working to improve and further develop our vehicles. Therefore, please appreciate that we must reserve the right to

make modifications to the scope of servicing and maintenance.

## Mercedes-Benz Service

With us, your vehicle is in the best of hands. At our authorized Mercedes-Benz Centers, you will find the experience and expertise of over 100 years of vehicle construction.

-  Please note any maintenance work not performed or not performed at the specified interval which results in the failure of the warranted component(s) or system(s) in question may not be covered by the Mercedes-Benz New Vehicle Limited Warranty.



We strongly recommend that you have your vehicle serviced at an authorized Mercedes-Benz Center who is fully equipped to provide this service.

Please note that engines have to be serviced in accordance with special instructions and using special measuring equipment to comply with legal requirements concerning exhaust emissions. Modifications to or tampering with emissions components is not permissible.

Your Mercedes-Benz Center is familiar with the applicable regulations.

## Special service requirements

Special service requirements may be necessary, for example, for certain components after a breaking-in period.

-  **Mercedes-AMG GT:** in racetrack mode, the vehicle is subject to higher loads, meaning that additional service and maintenance work is required. In such cases, visit a qualified specialist workshop. Mercedes-Benz recommends that you use an authorized Mercedes-Benz Center for this purpose.
-  You can obtain up-to-date information concerning the particular service requirements and service intervals of your vehicle at any time from a qualified specialist workshop. Mercedes-Benz recommends that you use an authorized Mercedes-Benz Center for this purpose.

## Regular checks

In addition to the services, we recommend that you check the following items regularly (for example: weekly, when refueling, or before any long journey):

- **Engine oil level** – Further information about engine oil level measurement can be found in the vehicle Operator's Manual.
- **Coolant level** – Please refer to the Operator's Manual for the correct procedure to check the coolant level.
- **Brake fluid level** – 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.
- **Lighting system**
- **Tire condition and pressures** – Check at least monthly. Please refer to section "Tires and wheels" in the Operator's Manual for guidelines and correct procedures to check tire condition and pressures.

## Emission System Maintenance

### Gasoline Engines

The U.S. Environmental Protection Agency and in California, the Air Resources Board have certified that the emission control systems of your vehicle comply with the applicable exhaust emission standards.

To ensure that the emission control system operates as intended, regular maintenance must be performed on all vehicle components that affect the composition of the exhaust gas and vapor emissions.

The vehicle owner is responsible for the regular maintenance of the emission control system and for using premium-grade unleaded fuel with an octane number of at least 91 (specified on the filling pump) in all models that have a gasoline engine, unless otherwise stated.

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

If maintenance work on the emission control system is not carried out properly, this may lead to repairs that are not covered by the emission control system warranty.

Explanations of each maintenance job are given on (> page 4).

### Emission Control System Caution – Gasoline Engines

Your Mercedes-Benz vehicle 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 must be adhered to:

- a) In all gasoline engine models, use only premium unleaded gasoline with an anti-knock index of at least 91 (as displayed on the pump) unless otherwise specified.** 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) In non flex-fuel capable gasoline engine equipped vehicles, ethanol blends greater than E10 should not be used.** Damage to the engine could occur if improper fuels are used. Refer to the Operator's Manual for special precautions.
- d) In select models, the use of Ethanol (E85) is also permissible.** Models capable of also operating with E85 are identified by a label on the fuel filler flap reading 'Premium gasoline or E85 only!'. Do not use Ethanol fuel (E85) to operate any vehicle unless it is specifically identified as Ethanol fuel (E85) compatible. Damage to the engine could occur if improper fuels are used. Refer to the Operator's Manual for special precautions.
- e) The specified engine maintenance jobs must be performed completely and at the required intervals.** 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.

**f) 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 catalysis, increased fuel consumption, and impaired engine running conditions.

**g) Irregular engine running conditions should be corrected immediately by an authorized Mercedes-Benz Center.** Such irregular running conditions can influence the proper function of the emission control system. If the check engine indicator lamp in the instrument cluster illuminates when the engine is running, it indicates a possible malfunction of the engine management system or emission control system.

We recommend that you have the malfunction checked as soon as possible.

### Emission Control System Caution – Diesel Engines

Your Mercedes-Benz is equipped with emission control devices to comply with current diesel exhaust emission regulations where the vehicle is certified for sale. Keep your vehicle in proper operating condition by following our recommended maintenance instructions as outlined.

The following must be adhered to:

**a)** Diesel engines require ULTRA-LOW SULFUR HIGHWAY DIESEL FUEL (15 ppm SULFUR MAXIMUM) that meets the ASTM D975 standard. Failure to use ULTRA-LOW SULFUR HIGHWAY DIESEL FUEL (ULSD) can severely damage the vehicle's exhaust after-treatment device.

**b)** Mercedes-Benz USA approves the use of B5 (standard ULSD which may contain a maximum of 5% biodiesel) in all BlueTEC diesel engines. Diesel fuels containing a higher proportion of biodiesel, e.g. B20, as well as straight biodiesel may cause severe damage to your engine/fuel system and are not approved.

Please ask your service station for further information. If the B5 biodiesel blend is not sufficiently labeled to clearly indicate that it meets the USLD standard, please do not use it. The Mercedes-Benz Limited Warranty does not cover damage caused by the use of fuels not meeting Mercedes-Benz approved fuel standards.

**c) The specified engine maintenance jobs have to be performed completely and at the required intervals.**

**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 catalysis, increased fuel consumption, and impaired engine running conditions.

If the check engine indicator lamp in the instrument cluster illuminates when the engine is running, it indicates a possible malfunction of the engine management system or emission control system.

We recommend that you have the malfunction checked as soon as possible.

### BlueTEC exhaust gas aftertreatment with DEF (Diesel Exhaust Fluid)

Diesel engine, please refer to the Operator's Manual for information on DEF. The information can be found in the "Service products and filling capacities" section of the "Technical data" chapter under "DEF".

The BlueTEC exhaust gas aftertreatment system requires DEF in order to function properly. Maintaining the level and condition of the DEF is part of the regular maintenance service work. Under normal driving conditions, one tankful of DEF should suffice until the next maintenance service.

DEF is a non-flammable, non-toxic, colorless and odorless, water-soluble liquid.

**!** Only use DEF complying with ISO 22241. Do not add special additives to DEF and do not dilute DEF with water. Otherwise, the BlueTEC exhaust gas aftertreatment system could be damaged.

### 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.

- i** You can obtain up-to-date information concerning the servicing of your vehicle at any time from a qualified workshop, e.g. an authorized Mercedes-Benz Center. This could be an overview of the maintenance work or any additional maintenance work, for example.

### Changing the engine oil and filter

Change the engine oil and oil filter according to the specified maintenance intervals. If oil consumption should increase, determine the cause and take necessary corrective steps. Do not reset the ASSYST PLUS service interval display if the oil level is adjusted or changed outside the specified maintenance intervals.

### Replacing the engine air-filter

The engine air-filter must be replaced according to the specified maintenance intervals. Under severe dust conditions the engine air-filter should be replaced more frequently than indicated by the ASSYST PLUS service interval display. Clean air filter cover and housing prior to removal of air filter.

### Replacing the fuel filter

Replace the fuel filter according to the specified maintenance intervals.

### Replacing spark plugs

Spark plugs are subject to electrode erosion and must be replaced according to the specified maintenance intervals, or more frequently as may be required when subject to severe operating conditions.

### Filling up DEF (Diesel Exhaust Fluid)

Fill up DEF according to the specified maintenance intervals.

**Service records**

Your authorized Mercedes-Benz Center will certify in this booklet the maintenance services on your vehicle which it has performed.

If repairs have been performed on your vehicle alongside the recorded maintenance service, these are not recorded or documented in this Service Booklet. For this reason, keep these receipts safe, together with your vehicle documentation.

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.

Mercedes-Benz USA, LLC

A Daimler Company



## Vehicle data

▶	▶
Model	Vehicle Identification Number (VIN)
▶	▶
Date of initial registration	Paint color and code
▶	▶
License Plate No.	License Plate No.
▶	▶
License Plate No.	License Plate No.
▶	▶
License Plate No.	License Plate No.
▶	▶
License Plate No.	License Plate No.

## Maintenance service

Complete in full

 Service A

Vehicle Identification Number (VIN)

 Service B

Date

Odometer

Repair order no. (if applicable)

Workshop code

Next maintenance due

Miles

Next maintenance due

Month/year

**Oil change carried out:**

(Oil brand/viscosity)

Engine

Automatic transmission

Transfer case

Differential/rear axle

**Service carried out in accordance with specifications:**

Yes/No

**Renewed/replaced:**

- Brake fluid
- Brake pads, front axle
- Brake pads, rear axle
- Dust filter
- Activated charcoal dust filter
- Engine air-filter element
- Spark plugs
- Fuel filter

 Coolant Poly-V-belt

Notes

Rubber stamp/Signature

Complete in full

 Service A

Vehicle Identification Number (VIN)

 Service B

Date

Odometer

Repair order no. (if applicable)

Workshop code

Next maintenance due

 Miles

Next maintenance due

 Month/year**Oil change carried out:**

(Oil brand/viscosity)

Engine

Automatic transmission

Transfer case

Differential/rear axle

**Service carried out in accordance with specifications:**

Yes/No

**Renewed/replaced:**

- Brake fluid
- Brake pads, front axle
- Brake pads, rear axle
- Dust filter
- Activated charcoal dust filter
- Engine air-filter element
- Spark plugs
- Fuel filter
- Coolant
- Poly-V-belt

Notes

Rubber stamp/Signature

Complete in full

 Service AVehicle Identification Number  
(VIN) Service B

Date

Odometer

Repair order no. (if applicable)

Workshop code

Next maintenance due

 Miles

Next maintenance due

 Month/year**Oil change carried out:**

(Oil brand/viscosity)

Engine

Automatic transmission

Transfer case

Differential/rear axle

**Service carried out in accordance with specifications:**

Yes/No

**Renewed/replaced:**

- Brake fluid
- Brake pads, front axle
- Brake pads, rear axle
- Dust filter
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Vehicle Identification Number (VIN)

Service B

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Odometer

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Next maintenance due  Month/year

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(Oil brand/viscosity)

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Yes/No

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