



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 worldwide service network, our products, service and warranties for the duration of your vehicle's service life.

Please read this Maintenance 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 DEALER WHO IS FULLY EQUIPPED TO PROVIDE THIS SERVICE AND THAT GENUINE MERCEDES-BENZ PARTS BE USED.

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

Symbols

Registered trademarks:

AdBlue® is a registered trademark of the German Association of the Automotive Industry (VDA).


You will find the following symbols in this Maintenance 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.

Environmental note

Environmental notes provide you with information on environmentally aware actions or disposal.

 Notes on material damage alert you to dangers that could lead to damage to your vehicle.

 Practical tips or further information that could be helpful to you.

 This symbol tells you where you can find more information about a topic.

Publication details

Internet

Further information on Mercedes-Benz vehicles and Daimler AG can be found on the Internet at the following websites:

<http://www.mercedes-benz.ca>

Editorial office

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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 Maintenance Booklet.

- i** You can obtain up-to-date information concerning the servicing of your vehicle at any time from a qualified workshop, e.g. a Mercedes-Benz Dealer. 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 Dealers, you will find the experience and expertise of over 100 years of vehicle construction.

- i** 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 a Mercedes-Benz Dealer 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 Dealer 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.

- i 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.

- i** 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.

Digital service report

Digital Service Booklet (DSB)

The confirmation for the service and maintenance work carried out is processed in our central database. You obtain a printout of the ser-

vice report, which you retain until the next service. In addition to the current service report, the complete service history of your vehicle is available at any time.

Your vehicle's service data is recorded twice, thoroughly documented and can no longer be lost. Every authorized Service Partner can give you information on your vehicle's service data. This way you can be helped as quickly as possible anywhere you are.

Regular checks

Check the following regularly, e.g. weekly, when refueling or prior to long journeys:

- **engine oil level:** further information on measuring the engine oil level can be found in the vehicle Operator's Manual
- **coolant level:** please refer to the Operator's Manual to find out the correct procedure for checking the coolant level
- **brake fluid level:** if brake fluid has to be added, see an authorized Mercedes-Benz Dealer to determine the cause, e.g. leaks or worn brake pads
- **windshield washer system:** add windshield washer fluid that has been mixed with a Mercedes-Benz windshield washer solution/concentration and check the function of the system and the wiper blades
- **lighting system**
- **tire condition and tire pressure:** check these at least every two weeks. Refer to the "Tires and rims" section in the Operator's Manual for guidelines and the correct procedure for checking the tire condition and pressure

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. This vehicle also complies with the applicable Canadian Motor Vehicle 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 5).

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 catalyts. 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 catalyts, increased fuel consumption, and impaired engine running conditions.

g) Irregular engine running conditions should be corrected immediately by an authorized Mercedes-Benz Dealer. 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 DIESEL (ULSD) FUEL (15 ppm SULFUR MAXIMUM) that meets the ASTM D975 standard. Failure to use ULTRA-LOW SULFUR DIESEL (ULSD) FUEL can severely damage the vehicle's exhaust after-treatment device.

b) Mercedes-Benz Canada Inc. 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 percentage of biodiesel content, e.g. B20, as well as straight biodiesel may cause damage to your engine/ fuel system and are not approved. Only use approved biodiesel. Biodiesel can be refined from a variety of raw materials resulting in widely varying properties. Approved biodiesel meets the ASTM D6751 specifications and has the necessary oxidation stability (min. 6h, proved with EN 14112 method) to prevent damage to the system from deposits and/or corrosion. The use of non-approved biodiesel may damage the fuel system.

Please ask your service station for further information. If the B5 biodiesel blend is not sufficiently labeled to clearly indicate that it meets the above standards, 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 catalyts, 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 AdBlue® (DEF¹)

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

The BlueTEC exhaust aftertreatment system requires a reducing agent (AdBlue® [DEF]), in order to function properly. Maintaining the level and condition of the reducing agent is part of the regular maintenance service work. Under nor-

¹ DEF (Diesel Exhaust Fluid)

mal driving conditions, one tankful of reducing agent should suffice until the next maintenance service.

AdBlue® (DEF) is a non-flammable, non-toxic, colorless and odorless, water-soluble liquid.

! Only use AdBlue® (DEF) complying with ISO 22241. Do not add special additives to AdBlue® (DEF) and do not dilute AdBlue® (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.

Engine oil and filter change

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 topped up or changed outside the specified maintenance intervals.

Replace 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 dis-

play. Clean engine air filter cover and housing prior to removal of engine air filter.

Replace fuel filter

Replace the fuel filter according to the specified maintenance intervals.

Check engine poly-V-belt condition

The poly-V-belt is subject to wear and aging. It must be checked for cracks and wear according to the specified maintenance intervals. Replace poly-V-belt if necessary.

Replace 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 AdBlue® (DEF²)

Fill up AdBlue® (DEF) according to the specified maintenance intervals.

Refer to Operator's Manual for additional information, e.g. to correctly identify the filler neck for AdBlue® (DEF) in your vehicle.

² DEF (Diesel Exhaust Fluid)

Service records

The service/maintenance work carried out is confirmed in the Digital Service Booklet (DSB) (> page 2).

General notes

This Maintenance Booklet does not record any repair work that may have been performed on your vehicle. For this reason, keep evidence of this together with your vehicle's documents.

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

Your Mercedes-Benz Dealer will be happy to provide you with all necessary information regarding the maintenance of your vehicle.

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