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Mercedes Benz 000000-004203

MERCEDES-BENZ GENUINE OEM FUSE 000000-004203 User Manual

Official Product Information and Guidelines



1. INTRODUCTION

This document serves as the official user manual for the Mercedes-Benz Genuine OEM Fuse, part number 000000-004203. It provides comprehensive information regarding the product's specifications, proper installation, and general guidelines for its use within compatible Mercedes-Benz vehicles. Adhering to these instructions ensures optimal performance and safety.

2. PRODUCT OVERVIEW

The Mercedes-Benz Genuine OEM Fuse 000000-004203 is a critical electrical component designed to protect vehicle circuits from overcurrent conditions. This specific fuse is rated at 7.5 Amps and is manufactured from copper, ensuring reliable conductivity and protection. It is a direct replacement part, ensuring compatibility and performance identical to the original factory-installed component.



Figure 1: Mercedes-Benz Genuine OEM Fuse 000000-004203. This image displays the 7.5 Amp fuse, highlighting its compact design and the visible amperage rating.

This fuse is commonly found in various locations within Mercedes-Benz vehicles, including the trunk, instrument panel, and specific compartments in coupe, convertible, sedan, wagon, GLK, and GLC models from 2010-2016. It replaces older part numbers 002-545-08-34 and 072581-000303.

3. SETUP AND INSTALLATION

Fuses are designed for through-hole mounting and are typically installed in designated fuse boxes within the vehicle. Installation should only be performed by individuals with appropriate technical knowledge or by a certified technician.

3.1 Safety Precautions

- Always disconnect the vehicle's battery before attempting any electrical work.
- Refer to your vehicle's specific owner's manual for the exact location of fuse boxes and diagrams.
- Never replace a fuse with one of a higher amperage rating than specified. This can lead to severe electrical damage or fire.
- Ensure the replacement fuse matches the original in both amperage and physical type.

3.2 Installation Steps

1. Locate the fuse box relevant to the circuit requiring attention.
2. Identify the blown fuse. A blown fuse typically has a broken filament or a discolored appearance.

3. Using a fuse puller (often found in the vehicle's fuse box lid or tool kit), carefully remove the blown fuse.
4. Insert the new Mercedes-Benz Genuine OEM Fuse 000000-004203 into the empty slot, ensuring it is fully seated.
5. Reconnect the vehicle's battery.
6. Test the affected electrical component to confirm proper function.

4. OPERATION

Fuses are passive safety devices. They do not 'operate' in the traditional sense but rather function as sacrificial components designed to protect more expensive electrical components and wiring from damage due to excessive current. When an electrical circuit experiences an overload or short circuit, the fuse's internal metallic strip melts, breaking the circuit and preventing further current flow. This action safeguards the vehicle's electrical system.

5. MAINTENANCE

Fuses are generally maintenance-free components. They are designed to be replaced once they have performed their protective function (i.e., blown). Regular inspection of fuses is not typically required unless an electrical issue is suspected. If a fuse repeatedly blows, it indicates an underlying electrical problem that requires professional diagnosis and repair, not just fuse replacement.

6. TROUBLESHOOTING

If an electrical component in your Mercedes-Benz vehicle stops working, a blown fuse is a common cause. Follow these steps to troubleshoot:

- **Identify the Affected Circuit:** Consult your vehicle's owner's manual or the fuse box diagram to determine which fuse protects the non-functioning component.
- **Locate the Fuse:** Open the relevant fuse box (engine compartment, dashboard, trunk, etc.).
- **Inspect the Fuse:** Visually check the fuse. A blown fuse will typically have a visible break in its internal wire or a dark, burnt appearance. You can also use a fuse tester for a more accurate check.
- **Replace the Fuse:** If the fuse is blown, replace it with a new Mercedes-Benz Genuine OEM Fuse of the exact same amperage rating (7.5 Amps for this model).
- **Test:** Turn on the ignition and test the electrical component. If it works, the issue was likely a simple blown fuse.
- **Recurring Issues:** If the new fuse blows immediately or shortly after replacement, there is a deeper electrical problem (e.g., a short circuit or overload) that needs professional attention. Do not continue to replace fuses without addressing the root cause.

7. SPECIFICATIONS

Specification	Detail
Brand	Mercedes-Benz
Model Number	000000-004203
Manufacturer Part Number	000000-004203
OEM Part Number	000000-004203

Replaces Part Numbers	002-545-08-34, 072581-000303
Amperage Rating	7.5 Amps
Material	Copper
Specification Met	OEM
Mounting Type	Through-Hole Mount
Condition	New
Fitment Type	Direct Replacement

8. WARRANTY INFORMATION

This Mercedes-Benz Genuine OEM Fuse 000000-004203 comes with a **1-year warranty** from the date of purchase. This warranty covers defects in material and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, accident, or unauthorized repair. For warranty claims, please retain your proof of purchase and contact an authorized Mercedes-Benz service center or parts dealer.

9. SUPPORT AND CONTACT

For further assistance, technical inquiries, or to locate an authorized service center, please refer to your vehicle's owner's manual or visit the official Mercedes-Benz website. You can also contact your local Mercedes-Benz dealership for genuine parts and professional service.



Figure 2: The official Mercedes-Benz logo, representing the brand's commitment to quality and engineering excellence.

You can find more information about Mercedes-Benz products and parts at the official [Mercedes-Benz Store on Amazon](#).