



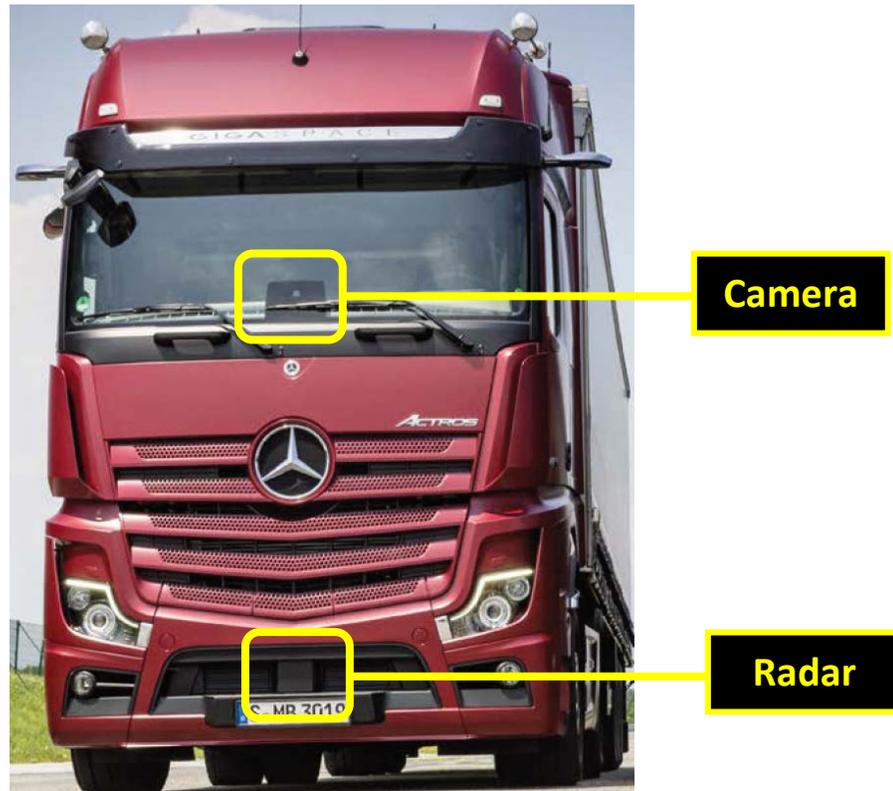
Date	November 11 th 2020	
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Distribution:	DP, GM, SM, PM,	X

Fitting of Front Mounted Accessories

Overview

The majority of Mercedes-Benz truck models feature advanced safety systems, including Active Brake Assist (Autonomous Emergency Braking) and Lane Departure Warning, and driver assistance systems including Proximity Control Assist (radar-based cruise control/distance keeping). Therefore, it is important to take these systems, and the sensors they use, into consideration when fitting accessories such as bull bars and stone guards.

Failing to take these systems and sensors into consideration could impair the systems, and may result in inadvertent braking, or failure of the systems to function in critical situations.





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Key Points

- Radars and cameras must not be moved from their original positions
- The range of vision of the radar and camera must not be obstructed – a minimum clearance envelope is to be left free around the sensors, and the version of the system will dictate what this clearance envelope is
- The radar and camera must not be covered by any material additional to the factory-delivered covers, and must not be painted over
- Lighting must be connected correctly, using factory pre-installations where available
- **Failing to take these systems and sensors into consideration could impair the systems, and may result in inadvertent braking, or failure of the systems to function in critical situations.**

Frequently Answered Questions

How do I find out the clearance envelope for the sensors?

Refer to the most recent version of the Body/Equipment Mounting Directives (download guide imbedded below) or sensor guide for the vehicle model you are working with. **Book II** contains information relevant to this topic.

The below image is an example, from the download page, of which books can be downloaded for the latest generation of Actros/Arocs models (with VIN beginning in W1T963/964). The documents highlighted by the yellow outline are suitable reference documents on this topic.



Downloading of
Bodybuilder Directive



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Language

Please select...

- Actros 5/ Arocs 5/ Atego new/ Econic
Book I version: 06.11.2019 Edition AJ 2020-1a Body/Equipment Mounting Directives Truck Actros 5 mod.963x, Arocs 5 mod. 964x, Atego new mod.967, Econic mod. 956x
- Actros 5/ Arocs 5
Book II version: 06.11.2019 Edition AJ 2020-1a Body/Equipment Mounting Directives Actros 5/ Arocs 5
- Actros 5/ Arocs 5
Additional Information Book II Driver Assistance Systems
- Actros 5/ Arocs 5/ Atego new/ Econic/ Zetros/ Unimog
Book III version: 06.11.2019 Edition AJ 2020-1a Body/Equipment Mounting Directives Actros 5/ Arocs 5/ Atego new/ Econic/ Zetros/ Unimog- Design Quality
- Actros 5/ Arocs 5/ Atego new
Supplement to Body/Equipment Mounting Directives II: Calculation, version: 27.04.2018
- Actros 5/ Arocs 5
Interfaces and Pre-installations for Body Manufacturers, Stand: 16.01.2019

Download

How do I find out if the vehicle I'm working with has these systems, and what version it is?

Most current model Mercedes-Benz trucks are equipped with these systems, however some older vehicles, and some designed for off-road use, may not be. If you are unsure, ask the dealership with which you're working, or contact us directly (contact details below), prepared with a VIN.

How do I connect indicators and/or driving lights?

The aforementioned Body/Equipment Mounting Directives are the best source of information. For the latest generation Actros/Arocs (W1T963/964), the attached Body and Accessory Fitment Guide (embedded below) will be of assistance.



Body and Accessory
Fitment Guide 04_202



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Contact:

mercedes_technical@daimler.com

This guide can be sent to bodybuilders, and accessory suppliers, manufacturers and fitters, as required.