Body and Equipment Guideline (BEG)

Addendum

Sprinter 2019 – Model Designation 907

Addendum Topic: Sensors

Publication Date of this Addendum 12/10/2018

Mercedes-Benz USA, LLC / Mercedes-Benz Vans, LLC

Legal disclaimer

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This Addendum is not intended to serve as a work instruction, but merely to provide some helpful information for upfitters to take into consideration before retrofitting or modifying a Mercedes-Benz or Freightliner branded Sprinter.

This Addendum does not in any way cancel the information provided in the Body & Equipment Guidelines (BEG) for Sprinter 2019 Model Series 907 publication date 06/2018, provided by UPFITTER MANAGEMENT VANS, but rather supplements.

All additional information provided in this Addendum and changes to specific chapters are intended to supersede and replace information found in Body & Equipment Guidelines (BEG) for Sprinter 2019 Model Series 907 publication date 06/2018.

Prior to making any modification to or installing any equipment in or on a Mercedes-Benz or Freightliner Sprinter, you should review and insure compliance with all applicable laws and regulations, consult with Upfitter Management Vans for additional and updated information, and read the Body & Equipment Guidelines (BEG) for Sprinter 2019 Model Series 907 publication date 06/2018.

UPFITTER MANAGEMENT VANS Contacts:
For information or upfitter inquiries please submit a request via our website:
www.upfitterportal.com

Content (Addendum for current BEG)

1 Change history

No.	Date	Description of changes
1	12/10/2018	Additional content for chapter 8.9 (Driving assistance systems)

2 Parktronic sensor

The Parktronic is an electronic parking aid with ultrasound and uses six distance sensors in the front bumper and six distance sensors in the rear bumper to monitor the vehicle´s surroundings. The Parktronic provides a visual and acoustic indication of the distance between the vehicle and an obstacle.

The following pictures show the field of vision and the signal funnel of one parktronic sensor.

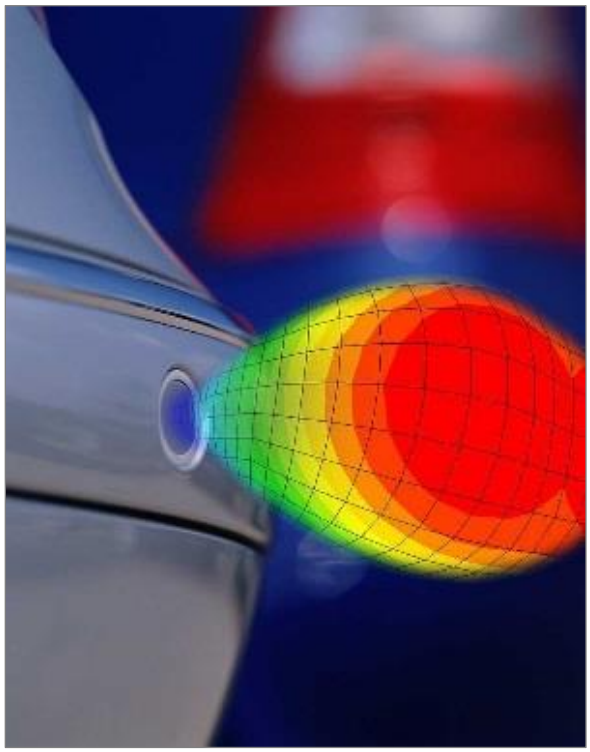

Figure 1 Field of vision

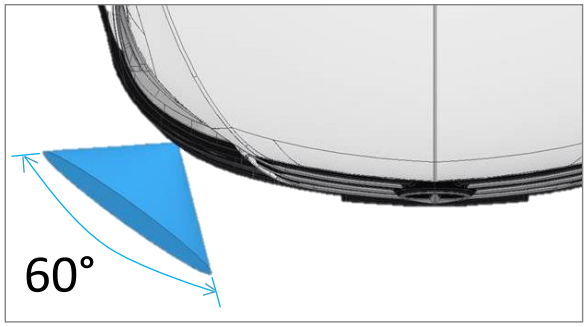

Figure 2 Example of field of vision of one sensor

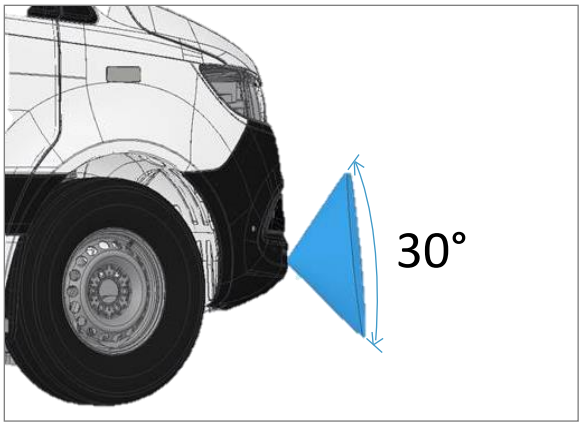

Figure 3 Example of one sensor

To ensure that the functioning of the system is not affected, on no account should the following changes be made:

- Changing the position of the sensor
- Attachment of detachable parts that can shadow the area of or around the sensor
- No additional painting and no foils (also refer to the warning)

If necessary, the system must be deactivated.

- Range of ultrasonic is about 1.2 m (47.2 in)

⚠ WARNING

Depending on the version and thickness, paints or film coatings and also installed equipment in front of the bumpers can cause dampening of radar waves. This could lead to malfunction or system failure. The driver could lose control of the vehicle and cause an accident.

The area of or around the sensor must not be painted, covered with a film or covered by any aftermarket equipment.

⚠ WARNING

Installed equipment may interfere with the designed pedestrian protection and may cause injury or death

Parktronic sensor

NOTE

After any damage to the rear of the vehicle or after any modification to the

- rear overhang
- axle distance
- height of the rear bumper
- new parameters for the sensor

has been made, the setting and function of the radar sensor have to be checked at a qualified specialist workshop. This setting also needs to be checked if mild collisions at low speeds where no damage to the front end of the vehicle is visible.