

SB-10052335-5671 Service Campaign Bulletin

Campaign No. 2013040002, May 2013

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 906, Model Years 2007 - 2011**
Replace Radio Remote Control and Receiver for the Auxiliary Heater
(Code HY1)

This Sprinter Service Campaign has been initiated because Daimler AG (DAG), the manufacturer of Mercedes-Benz and Freightliner Sprinter vehicles, has determined that the radio remote control for the auxiliary heater operates on an unapproved radio frequency. An authorized Sprinter dealer will replace the receiver and remote control at the next workshop visit.

Prior to performing this Service Campaign:

- Please check VMI to determine if the vehicle is involved in the Campaign and if it has been previously repaired.
- Please review the entire Service Campaign bulletin and follow the repair procedure exactly as described.

Approximately 149 vehicles are affected.

Order No. V-SC-2013040002

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

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Procedure

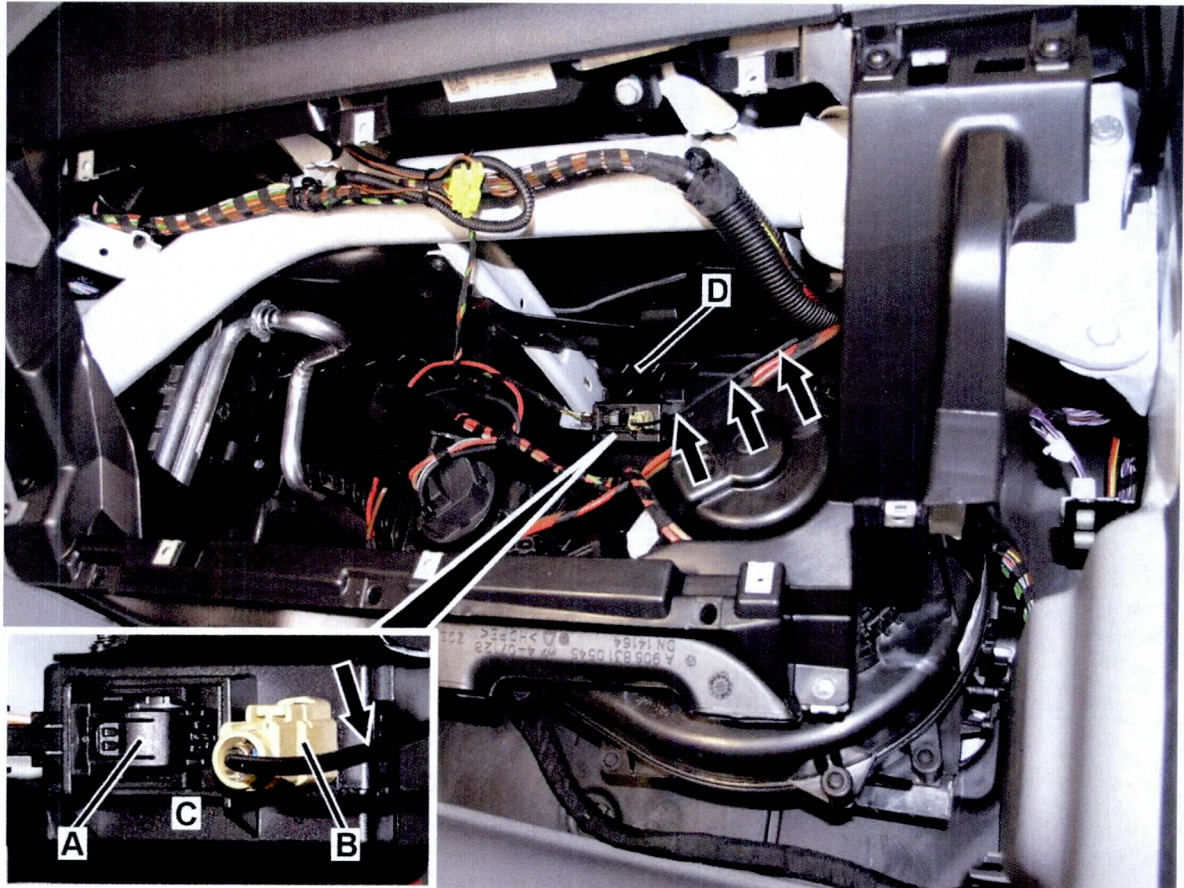


Figure 1

1. Remove glove box, refer to WIS: AR68.10-D-1400A.
2. Disconnect electrical connectors (A, B, Figure 1) from stationary heater radio signal receiver (C).

Note:

Do **not** remove (original) antenna (arrows) from vehicle. This antenna will be connected to **new** stationary heater radio signal receiver (C).

3. Remove screws then remove bracket (D, Figure 1) for stationary heater radio signal receiver (C) from vehicle.
4. Remove screws then remove stationary heater radio signal receiver (C, Figure 1) from bracket (D).

5. Disconnect **new** antenna connector (A, Figure 2) from **new** stationary heater radio signal receiver (B) and discard **new** antenna (C).

Note:

New antenna (C) will **not** be installed in vehicle.

6. Install **new** stationary heater radio signal receiver (B) to bracket (D, Figure 1) then reinstall bracket (D, Figure 1) in reverse order.
7. Install remaining parts in the reverse order.
8. Teach-in stationary heater radio signal transmitter: "Refer to Synchronizing the remote control" found on page 7 of the Operator's Manual Supplement pages attached to the end of this campaign.
9. Place appropriate (Mercedes-Benz or Freightliner) Auxiliary Heating System Supplement manual in glove box.
10. Inform vehicle's owner to dispose of old remote control or remove from key chain and install new remote control on owner's key chain.

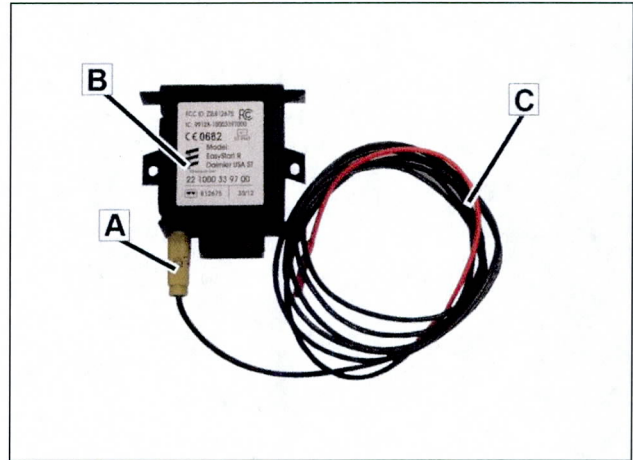


Figure 2

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1	Radio parts kit	QAP7020605	100%
1	Radio remote control supplement, English (Mercedes-Benz USA)	A 906 584 86 02	
1	Radio remote control supplement, English (Freightliner USA)	A 906 584 85 02	

Note:

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is/are approved for use to repair the vehicle. Repairs performed using any other part(s) will not have been performed in accordance with the campaign. Accordingly, warranty claims submitted with reference to an improper part number(s) will be denied.
- The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information


Operation: Replace receiver and transmitter for radio remote control (02 8038)

Damage Code	Operation Number	Labor Time (hrs.)
83 950 92 7	02 8038	0.5

Note

Operation Number labor times are subject to change.

You can then switch on the auxiliary heating again.

If you do not start the engine for a while, the total duration of heating is limited to a maximum of 120 minutes to protect the starter battery. Switching on the auxiliary heating is then automatically disabled. You can, for example, switch on the auxiliary heating without the engine running if the outside temperature is -5°F (-20°C) a maximum of two times. If you try it again, the indicator lamps in the  button

(▷ page 4) flash alternately for approximately 2 minutes to signal switch-on interlock. The auxiliary heating cannot be switched on without starting the engine.

When the charge status of the starter battery is sufficient again, the switch-on interlock will be deactivated. To charge the starter battery, let the engine run. The engine runtime required to reach the necessary charge status depends on the outside temperature.

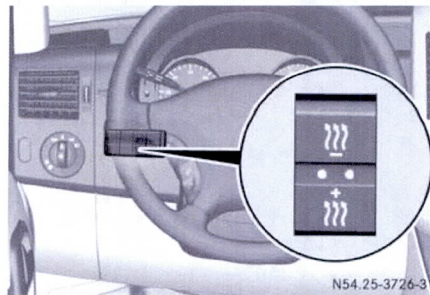
Outside temperature	Engine runtime
Above 32°F (0°C)	Approx. 10 minutes
32°F (0°C) to 14°F (-10°C)	Approx. 15 minutes
Below 14°F (-10°C)	Approx. 20 minutes


Before switching on


- ▶ Check the fuel level and top up if necessary. The auxiliary heating is operated directly using the vehicle's fuel. The tank must be at least a quarter full to ensure that the auxiliary heating functions.
- ▶ Switch on climate control .
- ▶ Set the temperature control to the desired temperature .
- ▶ Set the air distribution as required .
- ▶ Open the center and side air vents and set them to the middle position.

- ❗ The auxiliary heating automatically switches to heater booster mode after the engine is started.

Operating with the button (control panel)



- ❗ Switch the heater booster function on or off with the  button (▷ page 11).

▶ **To activate the auxiliary heating system:** press the upper section of the  switch for longer than two seconds. The red indicator lamp in the button lights up. The auxiliary heating heats or ventilates the interior to the temperature that you have set. The blower switches to the first level.

▶ **To switch off auxiliary heating:** press the upper section of the  button.


Or

▶ Turn the key in the ignition lock to position **0**. The red indicator lamp in the button goes out. The auxiliary heating operates for another two minutes and then switches off automatically.

Selecting a switch-on time



Important information

You can use the on-board computer to define up to three switch-on times, one of which can be selected.





The yellow indicator lamp in the  button goes out after 30 minutes, if you:



- have selected the switch-on time and
- turn the key to position **0** in the ignition lock.

On-board computer without steering wheel buttons

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ Press the  button.
The  symbol flashes in the display.

Or


- ▶ Press the  menu button on the instrument cluster repeatedly until the  symbol flashes in the display.
- ▶ Use the  or  buttons on the instrument cluster to select the switch-on time **1** to **3**.
The switch-on time selected is displayed.
- ▶ Wait 10 seconds for the standard display to appear.

The switch-on time is selected. The yellow indicator lamp in the  button lights up. If you do not preselect a switch-on time, and **--:--** is shown in the display, this means that the automatic switch-on mode is switched off. The yellow indicator lamp in the  button goes out.





On-board computer with steering wheel buttons



- ▶ Turn the key to position **2** in the ignition lock.

- ▶ Press the  button.
The **Aux. heat** submenu is shown in the display.







If no switch-on time has been selected, the selected switch-on time is highlighted or **Timer off** is highlighted.

- ▶ You can also access the **Aux. heat.** submenu via the **Settings** menu.
- ▶ Use the  or  button on the steering wheel to select the desired switch-on time.
Use the **Timer off** setting to deactivate automatic switch-on.
- ▶ Press the  button on the steering wheel.
The switch-on time is selected. The yellow indicator lamp in the  button lights up.

Setting the switch-on time

- ▶ Use the same method to select a switch-on time as described in the "Preselecting a switch-on time" section.

On-board computer without steering wheel buttons

- ▶ Press the  reset button on the instrument cluster.
The hour display flashes.
- ▶ Use the  and  buttons on the instrument cluster to set the hours.
- ▶ Press reset button .
- ▶ The minute display flashes.
- ▶ Use the  and  buttons to set the minutes.
The switch-on time is set and selected.