



Date	21 March, 2017	
Bulletin No.	MSB 212	
Distribution:	Sales & Service Managers	X

Mercedes-Benz Trucks Sales

Fifth Wheel Sensor Dash Display Activation

With the introduction of the New Actros and Arocs, the status of a sensor-equipped fifth wheel can now be displayed in the instrument. However, some vehicle modifications need to be carried out for the system to operate correctly.

1. OVERVIEW

To enable fifth wheel sensor status display, the major modification is the replacement of the 'low' version of the CLCS control unit with the 'high' version. Once replaced, the sensor equipped fifth wheel sensor may be connected.

NOTE: Only 3-sensor fifth wheel sensor can be used.

Semi trailer is attached correctly	
No semi trailer, fifth wheel lock open	
Coupling not locked even though there is a trailer !	 Beispiel für Anzeige mit Popup im Kombiinstrument
System could not sensor the trailer, but coupling lock is closed	
Error in system .	

2. REFERENCE DOCUMENTS:

- AR32.33-W-0005H - WIS Instruction Remove/Install CLCS control unit
- A 960 546 42 00 - Wiring diagram
- Q KIT 965 10000 - Kit



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3. HARDWARE REQUIRED

The hardware required can be purchased as a kit (Q KIT 96510000) through the Daimler Truck & Bus Parts Department at a cost (at the time of bulletin issue) of \$1066.81 + GST (Dealer Price).

This kit will be available as a VPC installed option in the next Mercedes-Benz Trucks Price Book.

Parts can also be ordered individually. The kit content at time of bulletin publication is:

ITEM	COMPONENT NO.	DESCRIPTION	TOTAL QTY	UOM
1	A0034462217	CLCS Control Unit	1	EA
2	A0165451626	Pin Bushing	1	EA
3	A0015457983	Boot	1	EA
4	A0005452939	Rubber Ring	5	EA
5	A0005456280	Blind Seal for Plug	1	EA
6	A0015460135	Boot	1	EA
7	A0145457926	Terminal	5	EA
Additional parts for use with SAF Holland 3-sensor fifth wheels:				
8	-	Green 1.13mm ² Wire	NB	M
9	-	10mm non-split conduit	NB	M
10	A0025402781	Parts Kit 4-Pin Connector	1	EA

In the case of the Jost fifth wheels, a wiring loom with 7-pin plug is included in the scope of delivery.

4. PROCEDURE

- i. Remove 'low' version CLCS and replace with 'high' version CLCS according to referenced WIS instruction.
- ii. Parameterise CLCS control unit to activate fifth wheel coupling sensor.

CGW > 02 Vehicle config > 544 Sensor fifth wheel > Present

CLCS > Vehicle config > 107 Sensor fifth wheel > Present

- iii. Wire fifth wheel sensor to plug according to referenced wiring diagram.



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Refer to:

- Connector X170a for 4-pin connection to suit SAF Holland 3-sensor fifth wheels; or
- Connector X170 for 7-pin connection to suit Jost 3-sensor fifth wheels

In the case of the Jost fifth wheels, the 21-pin connector (A0165451626) is to be terminated to the Jost supplied loom at the CLCS end.

- iv. Test operation.
- v. Secure all wiring appropriately.

Kind regards,

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