



STEERING WHEEL BUTTONS DO NOT FUNCTION RELIABLY

New information provided by this revision is preceded by this symbol .

This Service Information bulletin supersedes SI B61 24 17 **dated May 2017**.

What's New:

- Correction and Procedure Section – Added reference to test plan name and number
- The Warranty Information section has been updated

MODEL

F22 (2 Series Coupe)	F23 (2 Series Convertible)	F30 (3 Series Sedan)	F31 (3 Series Sport Wagon)
F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)
F80 (M3 Sedan)	F82 (M4 Coupe)	F83 (M4 Convertible)	

SITUATION

- Sporadic or continuous malfunction of multifunction steering wheel buttons
- CC Message "Cruise control without function" displayed
- Sporadic or continuous malfunction of shift paddles

CAUSE

Frictional corrosion on connector line (wiring harness) between switch cluster and steering wheel



CORRECTION

Work through test module "Switch cluster, multifunction steering wheel, right" and follow the test plan recommendations. Use ISTA text search to find the test module easily.



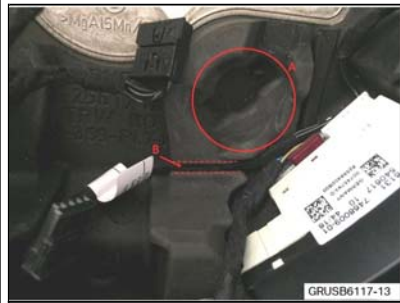
PROCEDURE

For conditions that are similar to the situation described:

1. Work through test module "Switch cluster, multifunction steering wheel, right" and follow the test plan recommendations. Based on the test plan recommendations proceed to the next steps below.
2. Remove and replace the steering column switch cluster according to the repair instruction "61 31 008 Remove and install / replace the steering column switch cluster (SZL)".
3. Install a new steering wheel connecting line
4. Reinstall all removed parts.



Note: Be certain to correctly route the wiring for the steering wheel connecting line as shown below.



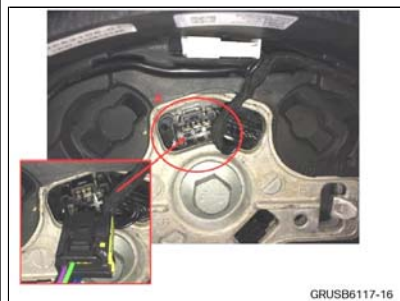
1. Keep the area of the airbag counter piece area (A) clear to avoid the risk of crushing the harness. Be certain to use the routing guides (B) to run the cables.



2. Be certain to use the routing guides (A) to run the cables.



3. Keep the area of the airbag counter piece (A) clear to avoid the risk of crushing the harness.



4. Keep the area of the cable connection clear (A).

PARTS INFORMATION

Part Number	Description	Quantity
As per EPC	Connecting line for steering wheel	1

As per EPC	Steering column switch cluster	1
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WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.


Defect Code:	6112557900	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2/AIR	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)

And, additionally for the:

 **e-Vehicle**

Labor Operation:	Labor Allowance:	Description:
61 25 910	Refer to KSD2/AIR	Recharging high-voltage battery unit (to high voltage charging socket)

And then, as necessary:

Labor Operation:	Labor Allowance:	Description:
61 00 006	Work time (WT)	 Performing vehicle diagnosis – test module
And, also as necessary:		
61 00 009	Work Time (WT)	Troubleshooting electrical/electronic system
And:		
61 31 513	Refer to KSD2/AIR	Removing and installing steering column switch cluster (after vehicle diagnosis)
And:		
61 99 000	1 FRU	Work time to replace connecting line for

		steering wheel
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UPDATE !

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

UPDATE !

Refer to KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

UPDATE !

Work time labor operation codes 61 00 006 and 61 00 009 are not considered a Main labor operations; however, they do require individual punch times and an explanations on the repair order and in the claim comments section.

UPDATE !

Work time labor operation code 61 99 000 is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required. However, it still requires an explanation on the repair order and in the claim comments section.

UPDATE !**Other Repairs**

As outlined in the Procedure section, if performing the ISTA diagnostics and related test plans results with other eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2/AIR.

Posted: Tuesday, July 17, 2018

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