



## HORN DOES NOT WORK

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

This Service Information bulletin supersedes SI M61 02 16 **dated September 2016**.

What's new:

- "Models": updated with F60 (Countryman) added
- "Cause": additional cause added for incorrect routing of wires
- "Correction": updated with additional check for wiring at steering wheel
- "Procedure": added additional procedure to check wiring in steering wheel
- "Warranty Information: updated with addition check of wiring in steering wheel


### **MODEL**

F54 (Cooper S Clubman)

F55 (Cooper, Cooper S Hardtop 4 door)

F56 (Cooper, Cooper S Hardtop 2 door)

F57 (Cooper, Cooper S Convertible)

 F60 (Countryman)

### **SITUATION**

Horn operation is difficult or impossible.

Horn may operate:

- with a delay after actuation
- only after pressing on switches very firmly.
- after repeated, forceful actuation.
- only when using one or two (of the four) switch contact points

### **CAUSE**

- Only F54, F55, F56, F57: Dissimilar metal corrosion between horn switch contacts and airbag unit.

**UPDATE!**

All models: routing of the connecting wires on the steering wheel incorrect

## CORRECTION

**UPDATE!**

Remove corrosion from switch contact and check routing of wires at steering wheel

**UPDATE!**

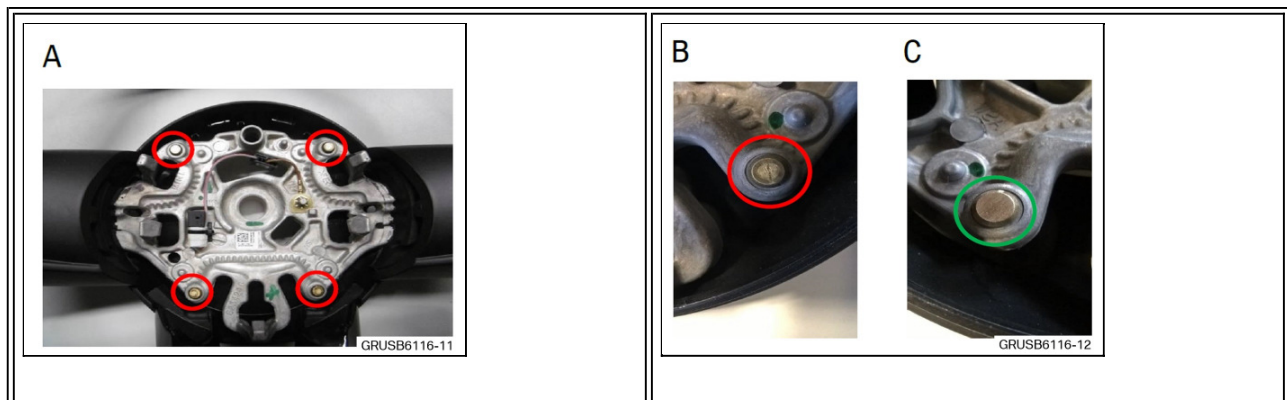
## PROCEDURE

For conditions that are similar to the situation described:

**UPDATE!**

### Procedure A: (only for F54, F55, F56 and F57)

1. Remove the air bag unit in accordance with REP 32 34 020 "Remove and refit/replace the air bag unit."
2. Remove corrosion from all four contacts (see Figure A) using sandpaper of 400 grit or higher (see Figure B) until contacts are shiny (see Figure C). It is not necessary to clean the wire for the horn at the airbag unit.

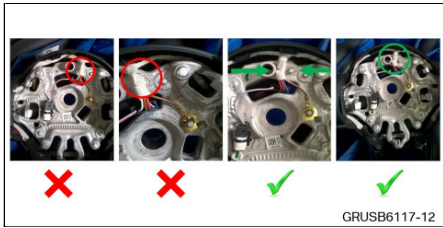


3. Carefully remove dust and grit from steering wheel assembly.
4. **UPDATE!** Do not reinstall air bag yet. Proceed to procedure B

**UPDATE!**

### Procedure B: (For F54, F55, F56, F57 and F60)

1. For F60 remove the air bag unit in accordance with REP 32 34 020 "Remove and refit/replace the air bag unit." For all other vehicles the air bag is already removed.
2. Check the routing of the connecting line as shown below. If the wires are positioned over the protrusion as highlighted in red, move the wires to the left of the protrusion as shown highlighted in green.



## WARRANTY INFORMATION

Covered under the terms of the MINI New Passenger Car Limited Warranty

<b>Defect Code:</b>	<b>3233023400</b> <b>UPDATE!</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
32 34 030	Refer to KSD2	Removing and installing or replacing airbag unit (Main work) <b>UPDATE!</b>
Or:		
32 34 530	Refer to KSD2	Removing and installing or replacing airbag unit (Plus work) <b>UPDATE!</b>

And, for the:

**F54, F55, F56 and F57 Only** **UPDATE!**

Or, for the:

<b>And:</b>		
32 99 000	2 FRU	Work time for cleaning corrosion from the contacts and checking/repositioning the harness

**UPDATE!** F60

<b>And:</b>		
32 99 000	1 FRU	Work time for checking and repositioning the harness

If you are using a Main labor code for another repair, use the Plus code labor operation 32 34 530 instead.

**UPDATE!**

Work time labor operation code 32 99 000 is not considered a Main labor operation. Also, since the “work time” FRU allowances to be claimed are specified, a separate punch time is not required

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