



SI M54 01 18  
Special Roofs

July 2018  
Technical Service

## SUNROOF WILL NOT CLOSE

### MODEL

|                      |                           |                           |                       |
|----------------------|---------------------------|---------------------------|-----------------------|
| F54 (MINI Clubman)   | F55 (MINI Hardtop 4-door) | F56 (MINI Hardtop 2-door) | F60 (MINI Countryman) |
| Produced to 6/1/2017 |                           |                           |                       |

### SITUATION

The sunroof glass will not close, and the sunroof glass panel may appear twisted in the roof frame.



### CAUSE

The cable drive mechanism for the glass sunroof panel has broken.

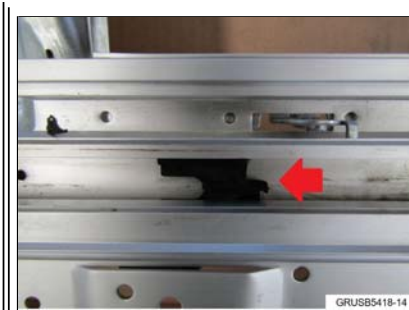
### CORRECTION

Clean the sunroof frame of any debris and replace the sunroof drive cable mechanisms.

### PROCEDURE

For conditions similar to those described:

|  |  |
|--|--|
|  | <ol style="list-style-type: none"> <li>1. Remove the front and rear glass panels from the roof, following repair instructions <b>REP 54 13 240 "Removing and installing/replacing front glass slide/tilt sunroof panel"</b> and <b>REP 54 13 250 "Removing and installing/replacing rear glass slide/tilt sunroof panel"</b>.</li> </ol> |
|  | <ol style="list-style-type: none"> <li>2. Inspect the drive cable mechanism for damage or broken components in the sunroof tracks. If any debris or broken components are found in the sunroof tracks, they must be</li> </ol>   |



cleaned completely.



Note: If a damaged drive cable mechanism is found, the complete sunroof frame does **NOT** need to be replaced, only the cable mechanism.



3. If broken sunroof drive components are found, replace both drive cable mechanisms following repair instructions **REP 54 13 200 “Replacing drive cable”**.



Note: If a drive cable has broken inside the track, it can be removed from the track using one of the replacement cables. To remove a broken cable, insert a spare cable into the opposite end of the track and push the broken cable out as seen to the left.

4. Before installing the complete sunroof back into the vehicle, operate the sunroof mechanisms manually using a ratchet or other suitable tool to ensure smooth operation. If the sunroof operates correctly, reassemble the vehicle.

## PARTS INFORMATION

| Part Number  | Description           | Quantity |
|--------------|-----------------------|----------|
| Refer to ETK | Drive cable mechanics | 1        |
| Refer to ETK | Sunroof frame screws  | 17       |
| Refer to ETK | Screw, glass panel    | 12       |

## WARRANTY INFORMATION

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

|                         |                         |   |
|-------------------------|-------------------------|---|
| <b>Defect Code:</b>     | <b>5412120100</b>       |   |
|                         |                         |   |
| <b>Labor Operation:</b> | <b>Labor Allowance:</b> | <b>Description:</b>   |
| 54 13 085               | Refer to KSD2/AIR       | Removing and installing/replacing the panorama glass roof (Main work)                       |
| Or:                     |                         |   |
| 54 13 585               | Refer to KSD2/AIR       | Removing and installing/replacing the panorama glass roof (Plus work)                       |
| And:                    |                         |   |
| 54 00 001               | 10 FRU                  | Work time to clean the sunroof track of debris, remove and replace the sunroof drive cables |

If you are using a Main labor code for another repair, use the Plus code labor operation 54 13 585 instead of 54 13 085.

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

Work time labor operation code 54 00 001 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.

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