



SIB 52 01 21

2023-08-08

SEAT FAILS TO INITIALIZE DUE TO MISSING END STOP

This Service Information Bulletin (Revision 3) replaces SI B52 01 21 **dated December 2021**.

What's New:

- Model Section updated – G70 added
- Claim Information Section updated

MODEL

| E-Series | Model Description |
|-----------------|------------------------------|
| F15 | X5 Sports Activity Vehicle |
| F33 | 4 Series Convertible |
| F44 | 2 Series Gran Coupe |
| F90 | M5 Sedan |
| F95 | X5 M Sports Activity Vehicle |
| F96 | X6 M Sports Activity Coupe |
| G05 | X5 Sports Activity Vehicle |
| G06 | X6 Sports Activity Coupe |
| G07 | X7 Sports Activity Vehicle |
| G12 | 7 Series Sedan |
| G30 | 5 Series Sedan |
| G32 | 640i xDrive Gran Turismo |
| G70 | 7 Series Sedan |

SITUATION

The front seat will not calibrate/initialize, and the following stored faults cannot be deleted:

802BCA - Driver seat FAS: Seat position not sent due to missing or invalid calibration

8029CA - Passenger seat BFS: Seat position not sent due to missing or invalid calibration

CAUSE

These faults can set if the factory-installed end stop (spacer) is removed from the seat rail assembly. On some BMW models this end stop is installed to limit the movement of the seat assembly. This ensures that occupants receive maximum protection from the air bag system.

- These end stops may not have been transferred over from the original rails during seat rail replacement. Replacement parts may not contain these model-specific end stops.
- A customer may have removed these stops to try and get the seat to move further rearward

Once these end stops have been removed, the seat motor will attempt to move the seat beyond the programmed limit in the seat module. Once the hall sensor reading moves outside of the design window, and the seat is no longer in a position to protect the occupant in an accident, the seat module will not initialize.

Some vehicles may only have the end stop installed on one front seat (example G30 only has an end stop on the passenger seat)

CORRECTION

1. If this occurs after seat rail replacement, and the new rail **does NOT include the end stop**, then swap the end stop from the original rail.

2. If this occurs after seat rail replacement, and the new rail **does include the end stop**, then confirm the original rail did not have an end stop installed. Remove the end stop from new seat rail.
3. If this occurs after a customer has removed the end stop:
 - Request the customer supply the end stops for reinstallation if still available
 - Order end stop if available separately in ETK, see Parts section below.
 - If the end stop is not available separately in ETK then
 - it may only come with an entire seat rail assembly.
 - contact Parts Technical Support via a TTS TSARA case for support

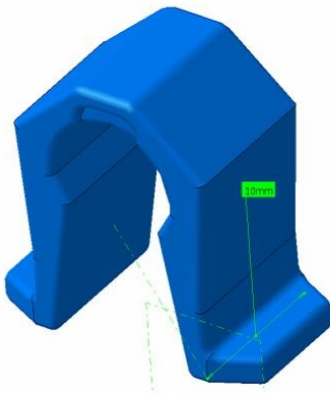
INFORMATION

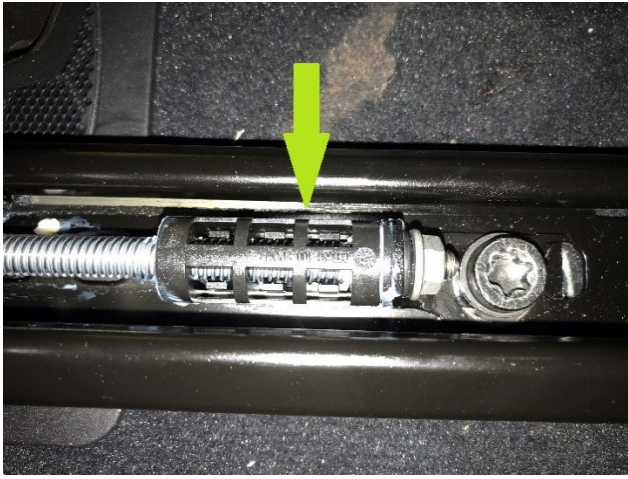


F90 G12 G30 spacer (arrow).

G30 only has a spacer installed on the passenger seat.

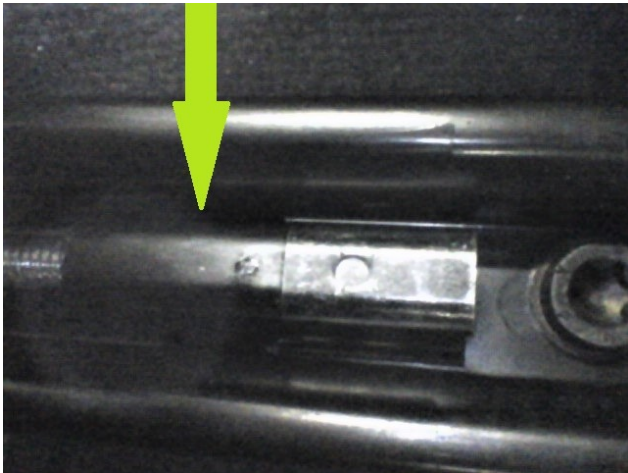
Illustration of the spacer





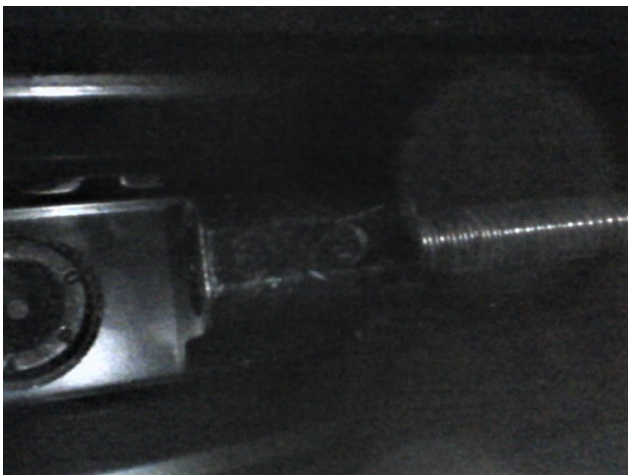
F95 F96 G05 G06 G07 spacer.

Top photo shows end stop (spacer) installed, lower photo shows rail minus the spacer.



F44 spacer.

Top photo shows end stop (spacer) installed, lower photo shows rail minus the spacer.



If there are other models or end stops not pictured that you want to have added to this bulletin, or other vehicles that only use the end stop on one of the front seats please submit an INFO ONLY TSARA case.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

| Part Number | Description | Quantity |
|--------------------|--|-----------------|
| 52 10 7 382 009 | SPACER seat Rail End Stop F90 G12 G30 | 2 per seat |
| 52 10 7 469 879 | SPACER seat Rail End Stop F95 F96 G05 G06 G07 | 2 per seat |

CLAIM INFORMATION

This Service Information Bulletin provides technical, diagnosis, and repair-related information.

Issues caused by outside influences/incorrect prior repair procedures or modification are not covered under the BMW limited warranties.

QUESTIONS REGARDING THIS BULLETIN

| | |
|---------------------|--|
| Technical inquiries | Submit feedback at the top of this bulletin |
| Warranty inquiries | Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal |
| Parts inquiries | Submit an IDS ticket to the Parts Department |

