



# Replace 1<sup>st</sup> Row Seat Lift Link Pivot Bolts

<b>Classification</b>	Repair Bulletin	<b>Section/Group</b>	13 - Seats	<b>Country/Region</b>	All
<b>Year</b>	2017-2019	<b>Model</b>	Model 3	<b>Version</b>	All

**Bulletin Classification:** *This repair bulletin provides instructions and guidelines for a noted condition or a customer concern. The information provided can address a broad range of known or perceived issues with the operation of Tesla vehicles. This bulletin might not be VIN-specific. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.*

## Condition

The design tolerance of some 1st row seat lift link pivot bolts might be such that the seat slightly rocks while in use. The rocking does not affect vehicle drivability or safety.

## Correction

Upon customer complaint, inspect the vehicle for symptoms related to the condition. If symptoms are present, replace the affected bolts.

Correction Description	Correction	Time
SB-19-13-002 Not Applicable	S011913002	0.0
Inspect 1 <sup>st</sup> Row Seats, No Bolt Replacement Necessary	S021913002	0.05
Inspect 1 <sup>st</sup> Row Seats, Replace Bolt(s) For One Seat	S031913002	0.4
Inspect 1 <sup>st</sup> Row Seats, Replace Bolt(s) For Both Seats	S041913002	0.6

Required Part(s):	Part Number	Description	Quantity
	1516246-00-A	SBOLT[5x17],M10-1x15,109,G1309[B],AD,SD	1 - 4

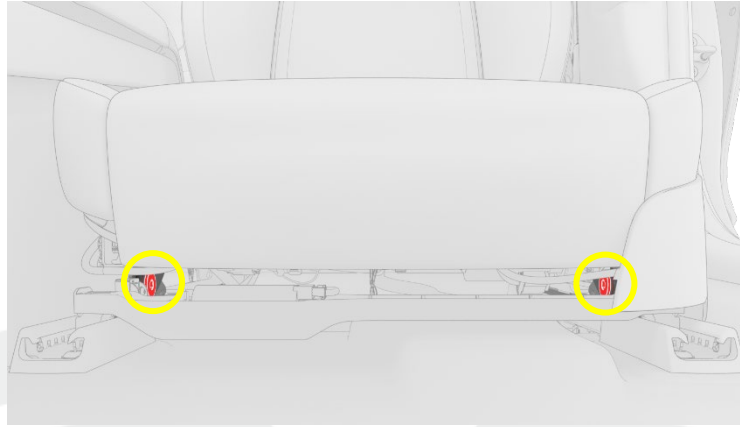
These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

<b>Special Tool(s):</b>	1082447-07-A	Torx Plus T45
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## Procedure

1. Open all four vehicle doors.

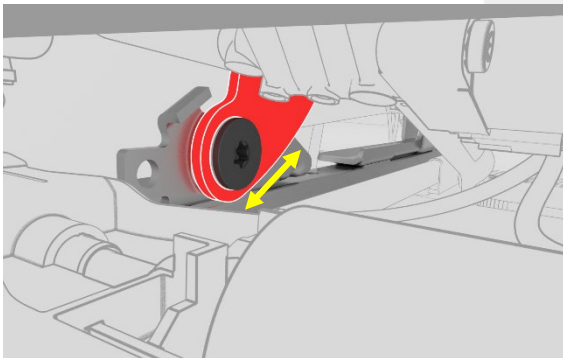
2. Use a flashlight to look from the 1<sup>st</sup> row footwell and visually inspect the outboard and inboard lift link pivot bolt areas under the LH 1<sup>st</sup> row seat (Figure 1).



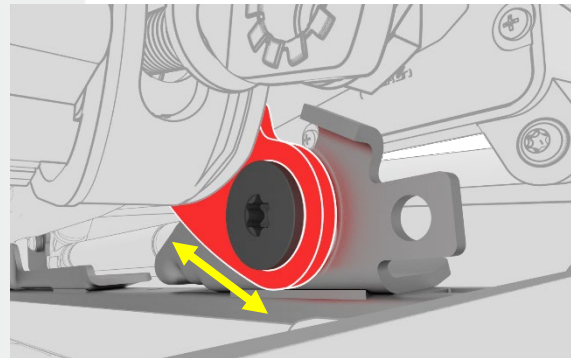
**Figure 1 (Inboard and outboard lift link pivot bolt areas)**

3. While an assistant manually rocks the seat back fore and aft, determine if there is movement in the outboard and inboard lift links (Figure 2, Figure 3, and Video 1).
  - If there is lift link movement, the pivot bolt for that link is affected and must be replaced.
  - If there is no lift link movement, the pivot bolt for that link does not need to be replaced.

**NOTE:** The lift link movement is subtle, and it might be necessary to raise or lower the seat cushion to amplify the movement (Video 1).



**Figure 2 (Inboard lift link movement)**



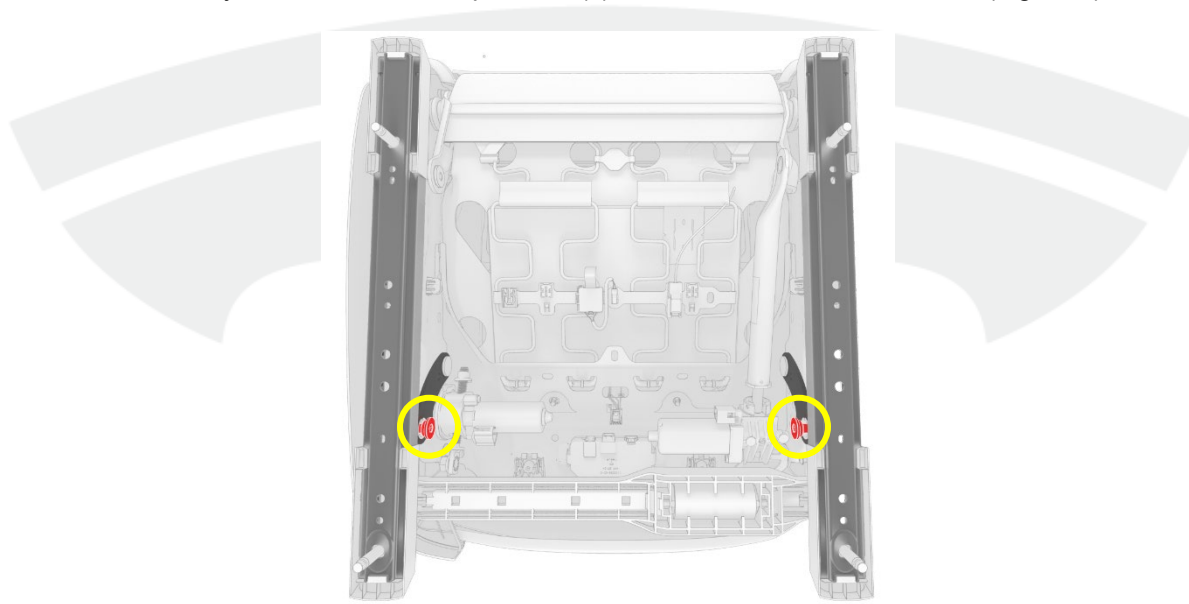
**Figure 3 (Outboard lift link movement)**



**Video 1 (Subtle lift link movement)**

**NOTE:** The video plays only in Internet Explorer or Acrobat PDF viewers. If prompted, trust the document always, then open the document a second time to play the video.

4. Repeat steps 2 and 3 for the RH 1<sup>st</sup> row seat.
  - If there is no lift link movement for either seat, discontinue this procedure.
  - If there is lift link movement for any seat, continue to the next step.
5. Raise the seat cushion of the affected seat(s) to the highest position.
6. Remove the affected seat(s) from the vehicle (refer to Service Manual procedure 13040102).
7. Set the seat(s) face-down onto a protective clean work surface.
8. Remove and discard only the affected lift link pivot bolt(s) from the seat track assemblies (Figure 4).



**Figure 4 (Remove only affected lift link pivot bolts)**

9. Install the replacement lift link pivot bolt(s) into the seat track assemblies (torque 33 Nm) (Figure 4).
10. Install the seat(s) into the vehicle (refer to Service Manual procedure 13040102).
11. Lower the seat cushion(s) to their original position(s).
12. Close all vehicle doors.

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**Affected VIN(s)** Affected Model 3 vehicles built before approximately July 23, 2019.

**NOTE:** This is a simplified summary of the affected VIN list. Refer to the VIN/Bulletin Tracker or Customer/Vehicle profile to determine applicability of this bulletin for a particular vehicle.

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