

**SIB 51 18 15**

2020-05-13

A Check Control Message is displayed for the Tailgate Lock Open

This Service Information Bulletin (Revision 1) replaces SI B51 18 15 **dated September 2015**.**What's New** (Specific text highlighted):

- Correction
- Attachment

**MODEL**

E-Series	Model Description
I01	i3

**SITUATION**

A Check Control Message is displayed indicating that the tailgate is open, even though it is mechanically closed.

**CAUSE**

Faulty tailgate lock or incorrect adjustment.

**CORRECTION**

Adjust or replace the tailgate lock depending on diagnosis results.

**PROCEDURE**

Follow the attached procedure to check the tailgate lock. Repair as needed.

**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
Refer to ETK/AIR	Trunk lid lock	1 if necessary

**WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

<b>Defect Code:</b>	<b>5124002900</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
51 24 004	Refer to AIR	Adjusting luggage compartment lid lock

If you are using a Main labor code for another repair, use the Plus code labor operation 51 24 504 instead.

Or:

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
51 24 105	Refer to AIR	Removing and installing or replacing luggage compartment lid lock and lock plate
And:		
51 99 000	1 FRU	Work time for diagnosis of tailgate lock mechanism
And/or:		
61 00 009	2 FRU	Work time for diagnosis of tailgate lock electrically




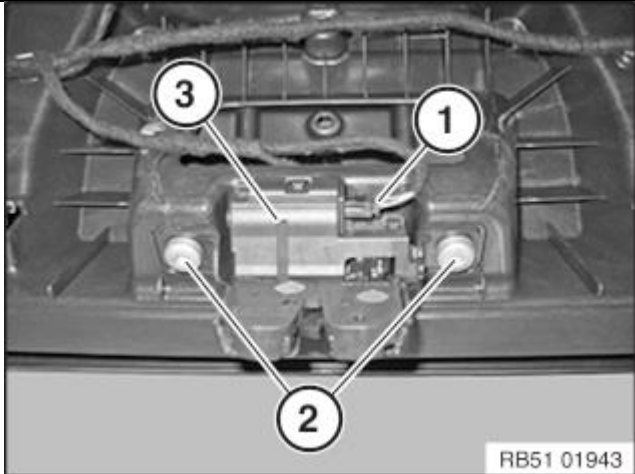
If you are using a Main labor code for another repair, use the Plus code labor operation 51 24 605 instead.

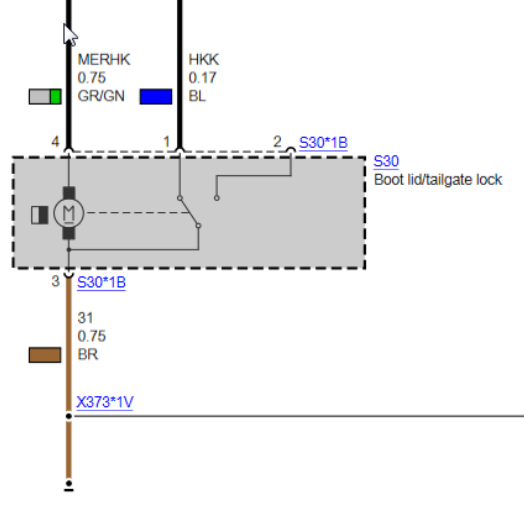
Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Work time labor operation codes 51 99 000 and 61 00 009 are not considered main labor operations. Also, since the “work time” FRU allowances to be claimed are specified, separate punch times are not required.

Supporting Materials

[picture\\_as\\_pdf B51 18 15 Attachment 1.pdf](#)

	<p>The customer states that the trunk open warning is displayed, even though the trunk is mechanically closed.</p>
	<p>Check the movement of the tailgate lock in both detent positions with a pencil or similar object.</p> <p>If the movement is not smooth and the lock binds, replace the tailgate lock. Compare to a known good vehicle for reference.</p>
 <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">A</div> <div style="border: 1px solid black; padding: 2px 5px;">B</div> </div>	<p>The two detent positions are shown and will be referred to in the following measurements.</p> <p>A: Detent position 1</p> <p>B: Detent position 2</p>
 <p style="text-align: right; font-size: small;">RB51 01943</p>	<p>Remove the connector S30*1B (1) from the tailgate lock.</p> <p>The following measurements are taken on the tailgate lock itself.</p>

	<p>1. Measure between PIN 3 and 4 (the resistance of the motor is measured)</p> <p>1<sup>st</sup> detent position: Approx. 3-4 Ohm 2<sup>nd</sup> detent position: Approx. 3-4 Ohm</p> <p>2. Measure between PIN 2 and 3 (the switch position is checked)</p> <p>Lock open: Approx. 0.8 Ohm 1<sup>st</sup> detent position: Approx. 0.8 Ohm 2<sup>nd</sup> detent position: Approx. OL or "open"</p> <p>3. Measure between PIN 1 and 3 (the switch position is checked)</p> <p>Lock open: Approx. 0 Ohm 1<sup>st</sup> detent position: Approx. 0 Ohm 2<sup>nd</sup> detent position: Approx. 0.8 Ohm</p> <p>If any measurements are not correct, replace the tailgate lock.</p> <p>If all measurements are correct, check the closing comfort of the tailgate and adjust the tailgate lock as per the Repair Instructions "51 24 004 Adjust rear lid lock".</p>
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