



SI B51 01 19  
Body Equipment

February 2019  
Technical Service

## WHINING NOISE WHEN OPENING AND CLOSING THE TRUNK

### MODEL

G14 (8 Series convertible)		
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### SITUATION

When opening or closing the trunk, there may be a whining noise present from the area of the trunk lift support.

Click the link for a sound clip demonstrating the noise: <https://tinyurl.com/V510919>

### CAUSE

Air is trapped in the hydraulic lift support for the rear trunk lid.

### CORRECTION

Bleed the air from the hydraulic lifting system for the trunk using the procedure below. The hydraulic pump and the hydraulic cylinder for the trunk will be temporarily repositioned so that trapped air will bleed out correctly.

### PROCEDURE



1. Check the oil level of the hydraulic system. Instructions for checking the level of the hydraulic fluid can be found in repair instructions **REP 51 24 151 "Removing and installing/replacing the hydraulic cylinder for the tailgate"**.




Do **NOT** disconnect any fluid lines. If needed, correct the fluid level.

2. Once the oil level is correct, tilt and secure the hydraulic pump in a position so that the hydraulic lines entering the pump are at the highest point. Tilt the pump approximately 45 degrees.



Note: Ensure the lines are

facing up so that any air trapped in the system will bleed out in future steps.

	<p>3. Remove the hydraulic cylinder from the trunk following repair instructions <b>REP 51 24 151 “Removing and installing/replacing the hydraulic cylinder for the tailgate”</b>.</p> <p> <b>Note:</b> Only remove the cylinder from the body of the vehicle, do <b>NOT</b> disconnect any of the hydraulic fluid lines.</p>
 <p style="text-align: right; font-size: small;">GRUSB5119-102</p>	<p>4. With the hydraulic cylinder disconnected from the vehicle, tilt into position and hold the cylinder so that the lines entering the cylinder are facing upwards and are the highest point as shown to the left.</p>
	<p>5. With the aid of a second person, activate the hydraulic cylinder 3 times using the trunk activation button inside the vehicle while holding the lift cylinder in the position outlined in step 4.</p> <p> <b>Note:</b> Do <b>NOT</b> attempt to move the lift cylinder by hand, only allow the cylinder to move as far as the vehicle will move it using the trunk activation button inside the vehicle. Moving the hydraulic cylinder by hand will cause damage.</p>
	<p>6. Reinstall the lift cylinder and close the trunk.</p>
	<p>7. Completely open and close the convertible top 1 time.</p>
	<p>8. Open the trunk and complete steps 4, 5, and 6 again to complete the bleeding process.</p>

## PARTS INFORMATION

Fluid is only required if the hydraulic fluid is found to be low.

Part Number	Description	Quantity
54 34 0 394 395	Hydraulic fluid for convertible/hatches (250ML)	As needed

## WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>5124123900</b>	<b>Hydraulic unit (including lines), automatic rear lid actuation Unpleasant noises</b>
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
51 24 151	Refer to AIR/KSD2	Removing and installing or replacing hydraulic cylinder for luggage compartment lid (Main work)
Or:		
51 24 651	Refer to AIR/KSD2	Removing and installing or replacing hydraulic cylinder for luggage compartment lid (Plus work)
And:		
51 00 001	6 FRU	Work time to re-install the cylinder, operate the convertible top, and re-bleed the system a second time.

If you are using a Main labor code for another repair, use the Plus code labor operation 51 24 651 instead of 51 24 151.

Work time labor operation code 51 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.

And, as needed:

### Sublet – Bulk Materials

<b>Sublet Code 4</b>	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk material (Do not use part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk material (BMW part numbers) is at the dealer net price for the "quantity used" plus your center's handling

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

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