



**SIB 36 02 25**

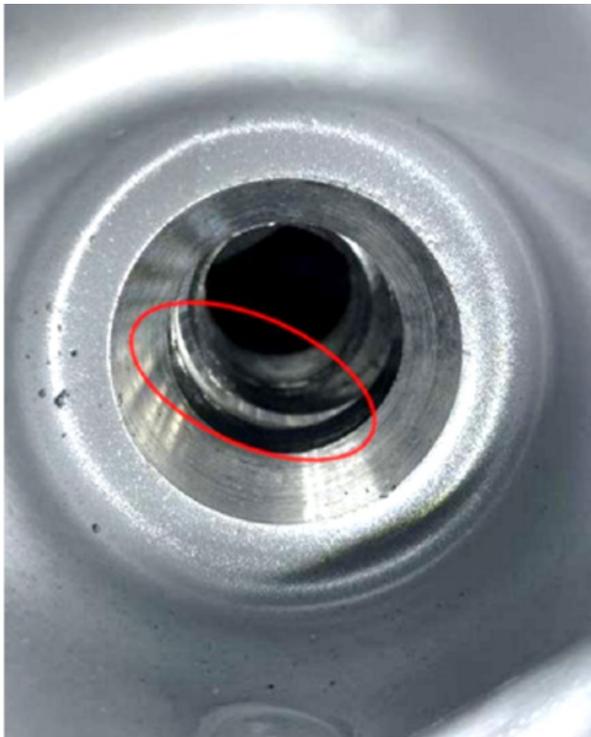
**DIFFICULT TO REMOVE/INSTALL WHEEL BOLTS IN THE WHEEL BEARING HUB**  
2025-11-06

<input type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
<input type="checkbox"/>	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

**MODEL**

E-Series	Model Description	Production Date
G02	X4 Sports Activity Coupe	March 1, 2025, to August 31, 2025
G05	X5 Sports Activity Vehicle	March 1, 2025, to August 31, 2025
G06	X6 Sports Activity Coupe	March 1, 2025, to August 31, 2025
G07	X7 Sports Activity Vehicle	March 1, 2025, to August 31, 2025
G09	BMW XM Sports Activity Vehicle	March 1, 2025, to August 31, 2025
G45	X3 Sports Activity Vehicle	March 1, 2025, to August 31, 2025

**SITUATION**



The wheel bearing and the brake disc are not correctly aligned; are not concentric (circled).

When applicable work is being performed, it is therefore difficult to remove the wheel bolts from, or fasten them into the wheel bearing hub.

**CAUSE**

Too much wax (circled) has been applied to the wheel assembly from the factory. As a result, the brake disc might twist.



## **CORRECTION**

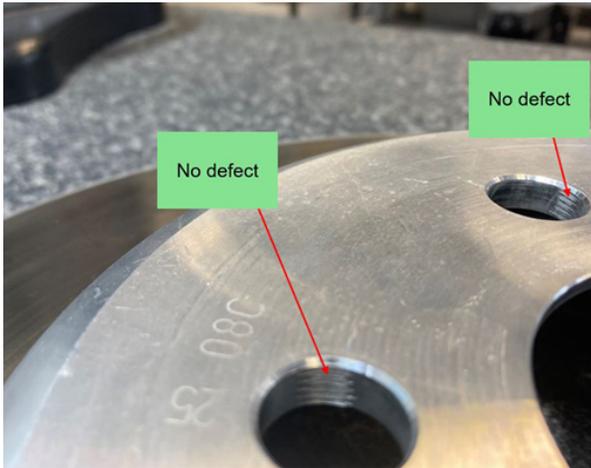
All the wax must be removed from the wheel assembly, wheel bolts, wheel contact surface, brake disc chamber; and wheel bearing hub.

## **PROCEDURE**

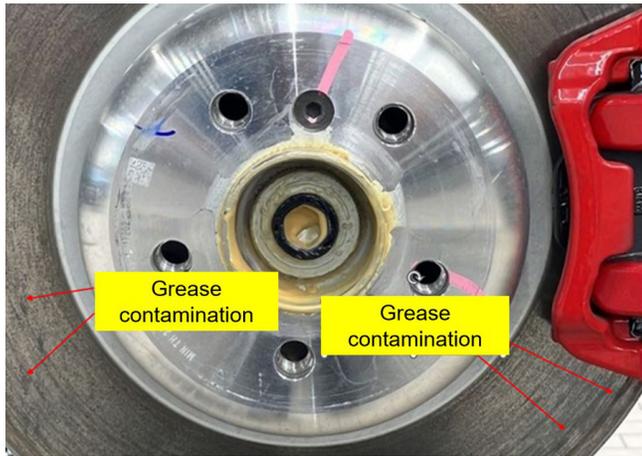
Remove the applicable brake discs as per repair manual.

- Wheel bolts and wheel bearing hub must be checked for damage and replaced if necessary
- With the assistance of universal brake cleaner, P/N 83 19 2 451 315, remove all the wax from the wheel bolts, wheel contact surface, brake disc chamber (inner/outer) and wheel bearing hub

Do not replace the brake disc for impressions of the wheel bolt threads in the brake disc wheel bolt hole as shown.



Repair suggestion: To ensure proper alignment of the brake disc to the bearing hub, install two wheel lug bolts across from each other by hand prior to tightening the brake disc holding bolt. After visually confirming that the disc is concentric with the hub, remove the two lug bolts, and install the wheel.



If the brake disc has grease contamination, replace the brake disc and pads.

- Continue the installation as per the repair manual
- Lightly grease the wheel centering in the rim and front wheel hubs for protection against corrosion using brake pad paste P/N 83 12 2 296 187 as per repair manual instruction

## PARTS INFORMATION

Part Number	Description	Quantity
83 19 2 451 315	BMW G Non-chlorinated Brake Part Cleaner (DN = 15 oz) 45% VOC	Sublet as needed
or		
83 19 2 451 316	BMW G Non-chlorinated Brake Part Cleaner (DN = 15 oz) 10% VOC	Sublet as needed

### Only as needed

To determine the part number(s) that applies to the specific vehicle being repaired, enter the VIN / Chassis number into either ETK or AIR, this will consider the specific equipment and/or options that are fitted to the vehicle.

Part Number	Description	Quantity
83 12 2 296 187	Brake Pad Paste 5 mL/0.169 fl. oz	2
Refer to ETK or AIR	Wheel bolt	As needed
Refer to ETK or AIR	Wheel hub with bearing	1 to 2
Refer to ETK or AIR	Brake disc	2
Refer to ETK or AIR	Repair kit, brake pads asbestos-free	1

**CLAIM INFORMATION**

**Note: Diagnosis Worktime Flat Rate code 00 58 500 is not claimable.**

In conjunction with a warranty, program, CP, or another type of repair, covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks as described below.

<b>Repair Code:</b>	<b>3613032900</b>	<b>Wheel stud / Wheel safety bolt Sticking/jammed</b>
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For all centers, obtain the flat rate unit (FRU) allowances for the following that applies.

**Front Axle**

<b>Labor Operation</b>	<b>Description</b>	<b>Labor Allowance</b>
34 11 610	Removing and installing/replacing both front brake discs (Wheels removed)	As applicable
Or:		
34 11 613	Removing and installing/replacing both front brake discs (brake pads removed)	As applicable
Or:		
34 11 612	Removing and installing/replacing both front brake discs (Brake caliper removed)	As applicable

And/or

<b>Labor Operation</b>	<b>Description</b>	<b>Labor Allowance</b>
34 99 000	One Front Side (1): Work time to remove the wax from the wheel assembly, wheel bolts, wheel contact surface, brake disc chamber and wheel bearing hub	3 FRU
Or:		
34 99 000	Both Front Side (2): Work time to remove the wax from the wheel assemblies, wheel bolts, wheel contact surfaces, brake disc chambers and wheel bearing hubs	5 FRU

Or:

**Rear Axle**

<b>Labor Operation</b>	<b>Description</b>	<b>Labor Allowance</b>
34 21 930	Removing and installing/renewing both brake discs (Wheels removed)	As applicable
Or:		
34 21 932	Removing and installing/renewing both brake discs (brake pads removed)	As applicable
Or:		
34 21 931	Removing and installing/renewing both brake discs (Brake caliper removed)	As applicable

And/or

<b>Labor Operation</b>	<b>Description</b>	<b>Labor Allowance</b>
34 99 000	One Rear Side (1): Work time to remove the wax from the wheel assembly, wheel bolts, wheel contact surface, brake disc chamber and wheel bearing hub	3 FRU
Or:		
34 99 000	Both Rear Sides (2): Work time to remove the wax from the wheel assemblies, wheel bolts, wheel contact	5 FRU

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	surfaces, brake disc chambers and wheel bearing hubs	
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Or:

**Front and Rear Axles**

Labor Operation	Description	Labor Allowance
34 11 653	Replacing front and rear brake discs (Wheels removed)	As applicable
Or:		
34 11 655	Replacing front and rear brake discs (brake pads, front and rear removed)	As applicable

And/or

Labor Operation	Description	Labor Allowance
34 99 000	One Front (1) and one Rear Side (1): Work time to remove the wax from the wheel assembly, wheel bolts, wheel contact surface, brake disc chamber and wheel bearing hub	6 FRU
Or:		
34 99 000	Two Front (2) and one Rear Side (1): Work time to remove the wax from the wheel assembly, wheel bolts, wheel contact surface, brake disc chamber and wheel bearing hub	8 FRU
Or:		
34 99 000	One Front (1) and Two Rear Side (2): Work time to remove the wax from the wheel assembly, wheel bolts, wheel contact surface, brake disc chamber and wheel bearing hub	8 FRU
Or:		
34 99 000	Both Front and Rear Sides (4): Work time to remove the wax from the wheel assemblies, wheel bolts, wheel contact surfaces, brake disc chambers and wheel bearing hubs	10 FRU

And additionally,

The "Only as needed" repair work (labor and parts) that was also required to be performed.
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**Sublet – Bulk Supply Materials (RO and Claim Comments Required)**

<b>Sublet Code 4</b>	Reimbursement for the supported amount of repair-related bulk supply material (Do not use the BMW part number for claim submission)	As applicable
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Sublet reimbursement calculation for claiming the applicable repair-related bulk supply material (BMW part number) is at the dealer net (DN) price for the full or proportional 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.

Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

**BMW Group’s AIR Application Resource for Flat Rate Labor Operation Codes**

To determine which of the flat rate labor operation codes above apply to the vehicle being repaired and to obtain the corresponding flat rate unit (FRU) allowance information from the BMW Group AIR application resource, enter the Chassis Number (last seven (7) characters of the VIN), and click on the “Search” icon. If the “Vehicle Selection” window displays two or more model possible vehicle choices, select the applicable Model, or enter the full VIN (17 characters) instead to proceed. Click on the “Flat Rate Units” button and enter a flat rate labor operation code description or number in the field to the right, click on the “Search” icon to display the corresponding listing of “Flat rate unit group details” that are available and their corresponding FRU allowances.

## FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topic of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department

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