



SIB 34 04 23

2024-03-07

RECALL 24V-104: INTEGRATED BRAKE SYSTEM (IB)

This Service Information Bulletin (Revision 4) replaces SI B34 04 23 **dated February 2024**.

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop if the campaigns have a status of remedy available. Otherwise, please release the vehicle.

<input type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
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**What's New:**

- Procedure
- Parts Information

**MODEL**

F95 LCI (X5 M Sports Activity Vehicle)	F96 LCI (X6 M Sports Activity Coupe)	G05 LCI (X5 Sports Activity Vehicle)	G06 LCI (X6 Sports Activity Coupe)
G07 LCI (X7 Sports Activity Vehicle)	G09 (XM Sports Activity Vehicle)	G60 (5 Series Sedan & i5 Sedan)	G70 (7 Series Sedan & i7 Sedan)
U11 (X1 Sports Activity Vehicle)			

**AFFECTED VEHICLES**

Vehicles which require this campaign to be completed will show it as “Open” when checked either in AIR, AWP, Campaign Summary, or Warranty Vehicle Inquiry.

Please make sure you check your dealer inventory as soon as possible. As of December 21, 2023, you can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.

**SITUATION**

In very rare cases, brake assistance and brake assistance systems may fail.

The brake warning lamps light up and the following check control message appears:

“Continuation is possible. Braking system and driving stabilization. Avoid abrupt braking as much as possible. Drive moderately. Higher pedal force may be required for braking. Have it checked by the nearest service partner.”

**CAUSE**

The Integrated Brake (IB) may not have been produced by the supplier according to specifications, and therefore may not function properly.

**CORRECTION**

Replace the Integrated Brake, aka brake booster or power brake.

## PROCEDURE

Replace the Integrated Brake as per REP34 51 601 “Replacing hydraulic unit”.

**Note:** When removing the brake pedal, be particularly careful as not to damage the retaining lugs on the holding clip.

## PARTS INFORMATION

Use and invoice the applicable part numbers below.

Refer to the weekly Parts Matrix for the most up-to-date ordering information.

Series	Part Numbers	Description	Quantity
U11	34 50 5A8D899	Power brake	1
	34 50 5A59585	Brake booster seal	1
	07 11 9905374	Self-locking collar nut	2
	07 11 9904670	Self-locking collar nut	1 <sup>[A1]</sup>
	07 11 9905147	hexagonal screw with disc	1
F95, F96, G05, G06, G07, G09	34 50 5A8D8E0	Power brake	1
	34 51 6893390	Brake booster seal	1
	07 14 6890655	Self-locking collar nut	2
G60	34 50 5A8D8B9	Power brake	1
	34 51 6893390	Brake booster seal	1
	07 14 9904295	Self-locking collar nut	2
	51 71 6966566	Hexagonal screw with flange	Up to 4 Depending on type of strut brace
	51 64 8076922	Hexagonal screw with disc	Up to 4 Depending on type of strut brace
G70	34 50 5A8D8A9	Power brake	1
	34 51 6893390	Brake booster seal	1
	07 14 9904295	Self-locking collar nut	2
	51 71 6966566	Hexagonal screw with flange	Up to 4 Depending on type of strut brace
	51 64 8076922	Hexagonal screw with disc	Up to 4 Depending on type of strut brace

**Sublet – Bulk Materials**

Part Number	Description	Quantity
81 22 0142156	BMW DOT Brake Fluid (12 oz bottle)	Sublet as needed
83 19 2451316	BMW Group Non-Chlorinated Brake Parts Cleaner- 10% VOC - (15 oz)	Sublet as needed

**CLAIM INFORMATION****Vehicle Programming and Encoding**

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

**After replacing the integrated braking system (IB), select this open Technical Campaign to perform and submit for updating the vehicle to a required I-level or higher, when applicable (Includes labor operation codes 00 00 006/556, 61 21 528 and 61 00 730).**

**Please be sure to also perform any additional before and/or after work (including attaching labels) as required by the other open campaigns on the vehicle. Close any remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.**

As determined by the above, reimbursement for this Recall will be via normal claim entry utilizing the applicable work package information below and the part numbers listed above that apply.

Repair Code:	0034670200	---
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Below are the special flat rate labor operation code choices for this action. Refer the attachment for the interim FRU allowance information (\*\*\*) only until they become available in AIR.

**Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop.**

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 75 852	Replace the integrated braking system (IB), program and encode the vehicle control units, includes Carrying out vehicle test <b>(00 00 556/61 21 528)</b>	See attachment**
Or:			
# 2	00 75 853	Replace the integrated braking system (IB) (Programming and encoding the vehicle	See attachment**

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	<b>with another campaign/repair during the same workshop visit)</b>	
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Or:

**The vehicle arrives at your center and this Recall shows open (No other Main work will be performed or claimed during this workshop visit).**

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 3	00 75 268	Replace the integrated braking system (IB), program and encode the vehicle control units, includes Carrying out vehicle test <b>(00 00 006/61 21 528)</b>	See attachment**
Or:			
# 4	00 75 269	Replace the integrated braking system (IB) (Programming and encoding the vehicle control units was performed in conjunction with <b>another campaign/repair during the same workshop visit)</b>	See attachment**

Only one of the flat rate labor operation codes listed above can be used for claim submission/reimbursement purposes. Also, only one Main work flat rate labor operation code can be claimed per workshop visit

**Claim Repair Comments**

Only reference the SIB number and the work package (Pkg) number performed in the technician’s RO notes and in the claim comments (For example: B34 04 23 WP 1), unless otherwise required by State law.

**Sublet – Bulk Materials (RO and Claim Comments Required)**

<b>Sublet Code</b> <b>4</b>	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk materials (Do not use the BMW part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part numbers) is at the dealer net price amount for the proportional quantities 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.

## Vehicle Programming and Encoding – Additional Work (RO and Claim Comments Required)

This procedure automatically reprograms and encodes any vehicle control modules that do not have the latest software I-level.

If one or more control modules fail during the reprogramming procedure, claim the required consequential repair work procedures to address this issue (including performing the IRAP Control Unit Recovery first as required, refer to the SIB in AIR) under the Repair Code in this bulletin together with the corresponding labor operation codes and their flat rate unit (FRU) allowance(s), including the diagnosis\* that applies.

Please explain the additional work procedures that were performed (The why and the what) on the repair order and in the claim comments.

For covered repairs that address control module failures that occurred prior to performing this reprogramming procedure, claim this work with the Repair Code listed in AIR together with the corresponding labor operation codes and their flat rate unit (FRU) allowance(s), including the diagnosis\* that applies.

(\* ) 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 diagnosis work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

## Alternative Mobility Solution (AMS) for Vehicle Owners (RO and Claim Comments Required)

This Recall repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect Code noted above as follows:

- Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to [SI B01 29 16](#) for additional information.

## Reimbursement of Prior Customer-Pay Repairs (TREAD Act)

Based on the issue and age of the Affected Vehicles being addressed by this Safety Recall Campaign, a reimbursement request for a qualifying prior customer-pay repair is not likely.

However, if you should receive a reimbursement request from a customer for a repair that may qualify because it addressed the issue described in this bulletin, and it was performed **prior** to the notification of Recall, please contact the Warranty department (include a legible copy of the invoice) through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections. The Warranty department will respond to your inquiry accordingly.

## **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

### Supporting Materials

[picture\\_as\\_pdf B340323 24V-104-IB-FAQ-\(22Feb2024\).pdf](#)

[picture\\_as\\_pdf B34 04 23\\_RECALL 24V-104\\_INTEGRATED BRAKE SYSTEM \(IB\).pdf](#)

[picture\\_as\\_pdf B340423 Attach 1 Interim FRU Information.pdf](#)



**Interim FRU Allowance Information (Only until they become available in AIR)**

To determine the BMW labor allowance for the special flat rate labor operation code choice below for this action, use “CTL F” to search:

- **WVI:** AG Model Code (MC)
- **AIR:** Lead Type (LT)

**Work Package # 1 – 00 75 852**

Labor Operation	Series	AG MC/LT	FRU	Model
00 75 852	F95	13ET	30	X5 M Comp
00 75 852	F96	23ET	30	X6 M Comp
00 75 852	G05	13EU	30	X5 sDrive40i
00 75 852	G05	23EU	30	X5 xDrive40i
00 75 852	G05	33EU	30	X5 M60i
00 75 852	G05	43EU	29	X5 xDrive50e
00 75 852	G06	33EX	30	X6 xDrive40i
00 75 852	G06	43EX	30	X6 M60i
00 75 852	G07	23EM	28	X7 xDrive40i
00 75 852	G07	33EM	28	X7 M60i
00 75 852	G07	43EM	28	X7 ALPINA XB7
00 75 852	G09	23CS	27	XM
00 75 852	G09	33CS	27	XM Label
00 75 852	G60	33FK	28	i5 eDrive40
00 75 852	G60	43FJ	27	530i Sedan
00 75 852	G60	43FK	28	i5 M60
00 75 852	G60	53FJ	27	530i xDrive Sedan
00 75 852	G70	23EH	27	740i Sedan
00 75 852	G70	33EH	27	740i xDrive Sedan
00 75 852	G70	33EJ	27	760i xDrive Sedan
00 75 852	G70	43EH	28	750e xDrive Sedan
00 75 852	G70	43EJ	28	i7 eDrive50 Sedan
00 75 852	G70	53EJ	28	i7 xDrive60 Sedan
00 75 852	G70	83EH	28	i7 M70
00 75 852	U11	73EF	36	X1 xDrive28i



**Interim FRU Allowance Information (Only until they become available in AIR)**

To determine the BMW labor allowance for the special flat rate labor operation code choice below for this action, use “CTL F” to search:

- **WVI:** AG Model Code (MC)
- **AIR:** Lead Type (LT)

**Work Package # 2 – 00 75 268**

Labor Operation	Series	AG MC/LT	FRU	Model
00 75 268	F95	13ET	31	X5 M Comp
00 75 268	F96	23ET	31	X6 M Comp
00 75 268	G05	13EU	31	X5 sDrive40i
00 75 268	G05	23EU	31	X5 xDrive40i
00 75 268	G05	33EU	31	X5 M60i
00 75 268	G05	43EU	30	X5 xDrive50e
00 75 268	G06	33EX	31	X6 xDrive40i
00 75 268	G06	43EX	31	X6 M60i
00 75 268	G07	23EM	30	X7 xDrive40i
00 75 268	G07	33EM	30	X7 M60i
00 75 268	G07	43EM	30	X7 ALPINA XB7
00 75 268	G09	23CS	29	XM
00 75 268	G09	33CS	29	XM Label
00 75 268	G60	33FK	29	i5 eDrive40
00 75 268	G60	43FJ	29	530i Sedan
00 75 268	G60	43FK	29	i5 M60
00 75 268	G60	53FJ	29	530i xDrive Sedan
00 75 268	G70	23EH	29	740i Sedan
00 75 268	G70	33EH	29	740i xDrive Sedan
00 75 268	G70	33EJ	29	760i xDrive Sedan
00 75 268	G70	43EH	29	750e xDrive Sedan
00 75 268	G70	43EJ	29	i7 eDrive50 Sedan
00 75 268	G70	53EJ	29	i7 xDrive60 Sedan
00 75 268	G70	83EH	29	i7 M70
00 75 268	U11	73EF	37	X1 xDrive28i

**Interim FRU Allowance Information (Only until they become available in AIR)**

To determine the BMW labor allowance for the special flat rate labor operation code choice below for this action, use “CTL F” to search:

- **WVI:** AG Model Code (MC)
- **AIR:** Lead Type (LT)

**Work Package # 3 – 00 75 853**

Labor Operation	Series	AG MC/LT	FRU	Model
00 75 853	F95	13ET	22	X5 M Comp
00 75 853	F96	23ET	22	X6 M Comp
00 75 853	G05	13EU	22	X5 sDrive40i
00 75 853	G05	23EU	22	X5 xDrive40i
00 75 853	G05	33EU	22	X5 M60i
00 75 853	G05	43EU	21	X5 xDrive50e
00 75 853	G06	33EX	22	X6 xDrive40i
00 75 853	G06	43EX	22	X6 M60i
00 75 853	G07	23EM	20	X7 xDrive40i
00 75 853	G07	33EM	20	X7 M60i
00 75 853	G07	43EM	20	X7 ALPINA XB7
00 75 853	G09	23CS	19	XM
00 75 853	G09	33CS	19	XM Label
00 75 853	G60	33FK	20	i5 eDrive40
00 75 853	G60	43FJ	20	530i Sedan
00 75 853	G60	43FK	20	i5 M60
00 75 853	G60	53FJ	20	530i xDrive Sedan
00 75 853	G70	23EH	20	740i Sedan
00 75 853	G70	33EH	20	740i xDrive Sedan
00 75 853	G70	33EJ	20	760i xDrive Sedan
00 75 853	G70	43EH	20	750e xDrive Sedan
00 75 853	G70	43EJ	20	i7 eDrive50 Sedan
00 75 853	G70	53EJ	20	i7 xDrive60 Sedan
00 75 853	G70	83EH	20	i7 M70
00 75 853	U11	73EF	28	X1 xDrive28i

**Interim FRU Allowance Information (Only until they become available in AIR)**

To determine the BMW labor allowance for the special flat rate labor operation code choice below for this action, use “CTL F” to search:

- **WVI:** AG Model Code (MC)
- **AIR:** Lead Type (LT)

**Work Package # 4 – 00 75 269**

Labor Operation	Series	AG MC/LT	FRU	Model
00 75 269	F95	13ET	23	X5 M Comp
00 75 269	F96	23ET	23	X6 M Comp
00 75 269	G05	13EU	23	X5 sDrive40i
00 75 269	G05	23EU	23	X5 xDrive40i
00 75 269	G05	33EU	23	X5 M60i
00 75 269	G05	43EU	22	X5 xDrive50e
00 75 269	G06	33EX	23	X6 xDrive40i
00 75 269	G06	43EX	23	X6 M60i
00 75 269	G07	23EM	22	X7 xDrive40i
00 75 269	G07	33EM	22	X7 M60i
00 75 269	G07	43EM	22	X7 ALPINA XB7
00 75 269	G09	23CS	20	XM
00 75 269	G09	33CS	20	XM Label
00 75 269	G60	33FK	22	i5 eDrive40
00 75 269	G60	43FJ	21	530i Sedan
00 75 269	G60	43FK	22	i5 M60
00 75 269	G60	53FJ	21	530i xDrive Sedan
00 75 269	G70	23EH	21	740i Sedan
00 75 269	G70	33EH	21	740i xDrive Sedan
00 75 269	G70	33EJ	21	760i xDrive Sedan
00 75 269	G70	43EH	22	750e xDrive Sedan
00 75 269	G70	43EJ	22	i7 eDrive50 Sedan
00 75 269	G70	53EJ	22	i7 xDrive60 Sedan
00 75 269	G70	83EH	22	i7 M70
00 75 269	U11	73EF	29	X1 xDrive28i

**Safety Recall**  
**24V-104**  
**Integrated Brake (IB)**  
**Model Year 2023-2024**  
**BMW 5 Series, 7 Series**  
**BMW X1, X5, X6, X7, XM**  
**Issue Date: 02/22/2024**

**Q1. Which BMW Group models in the US are potentially affected by this Safety Recall?**

Certain Model Year 2023-2024 BMW 5 Series, 7 Series, X1, X5, X6, X7, and XM models in the US are potentially affected.

**Q2. What is the specific issue?**

The Integrated Brake (IB) module may not function according to specifications. If this happens, a warning lamp and message will be displayed in the instrument cluster. There will be a reduction in power assist braking, which could lead to an extended stopping distance and increase the risk of a crash. The Antilock Brake System (ABS) and Dynamic Stability Control (DSC) system may also not function, which could affect vehicle handling and control. Please note that higher pedal force may be required.

*However, fully mechanical braking is not affected. If the IB module is not functioning properly, the parking (emergency) brake will be automatically activated to aid in braking performance. Also, the emergency function of the brake force distribution system remains available to help maintain vehicle stability and control.*

**If you notice any of these conditions, your vehicle may be experiencing this issue. Please drive carefully, and avoid abrupt braking as much as possible. Please contact an authorized BMW center as soon as possible to have the vehicle remedied.**

**If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.**

**Q3. Why are other models / vehicles not included in this Safety Recall?**

Other models have an Integrated Brake (IB) system that was produced to specifications by the supplier.

**Q4. Can I continue to drive my vehicle?**

Yes. However, when you are notified by BMW of this Safety Recall that a remedy is available, please contact an authorized BMW center to schedule an appointment as soon as possible. For the latest updates to this Safety Recall, please visit [bmwusa.com/recall](https://www.bmwusa.com/recall). **If you are not the only driver of this vehicle, please advise all other drivers of this important information.**

**Q5. How did BMW Group become aware of the issue?**

BMW Group became aware of the issue through its quality control procedures.

**Q6. How will I be informed of this Safety Recall?**

Owners of potentially affected vehicles will be notified via First Class mail advising them of this Safety Recall. When parts become available, they will receive another letter, requesting that they schedule an appointment with an authorized BMW center as soon as possible to have this Safety Recall performed. For the latest updates to this Safety Recall, please visit [bmwusa.com/recall](https://www.bmwusa.com/recall).

To ensure BMW has the most up-to-date contact and vehicle information, owners should register their vehicle at [bmwusa.com/myBMW](https://www.bmwusa.com/myBMW). Registration is free and will give them access to other information specific for their BMW vehicle. Alternatively, owners can visit [bmwusa.com/recall](https://www.bmwusa.com/recall) and click on “**Manage recall notices and contact information**”.

**Q7. How will my vehicle be remedied?**

When the remedy is available, potentially affected vehicles will have the Integrated Brake (IB) system replaced for free which should take several hours.

**Q8. Do I have to wait for BMW to contact me to have the remedy performed?**

Yes. We are in the process of implementing this Safety Recall to ensure that the necessary parts, tools, and procedures are available. For the latest updates to this recall, please visit [bmwusa.com/recall](https://www.bmwusa.com/recall).