



SIM 34 01 24

2024-10-10

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

This Service Information Bulletin (Revision 5) replaces SI M34 01 24 **dated September 2024**.

What's New:

- Correction updated- new "wet IB" part numbers
- Parts Information revised
- Attachment 1 wet updated
- Attachment 2 dry updated

<input type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
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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.

MODEL

E-Series	Model Description
F65	MINI Cooper S Hardtop 4 Door
F66	MINI Cooper S Hardtop 2 Door
U25	MINI Countryman

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 August 9, 2024, you can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.

SITUATION

BMW AG is amending Voluntary Safety Recall (effective August 8, 2024) to add certain Model Year 2023 - 2025 MINI vehicles.

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.

The Recall Notice and FAQ have been attached for further information.

CAUSE

Certain vehicles could experience signal disturbances in the Integrated Brake (IB) module.

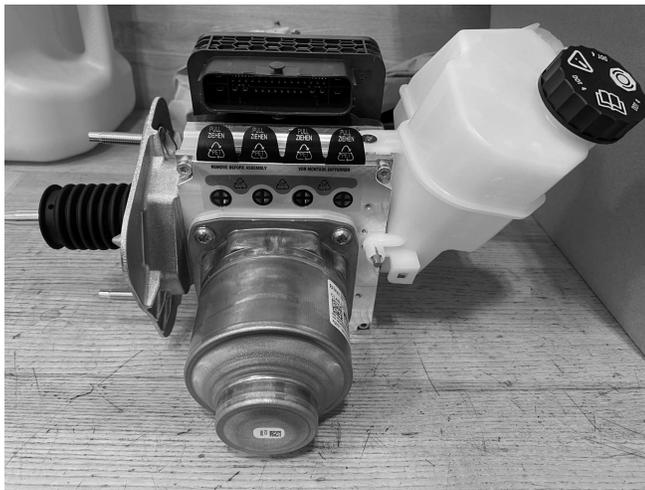
CORRECTION

Replace the IB with either a "wet" pre-filled unit or a "dry" unfilled unit.



“Wet” IB pre-filled: Brake fluid reservoir is filled (arrow) and brake fluid line ports are plugged with bolts (circled)

Part numbers:
 5B5F8F1
 New, additional part number (also refer to Parts Information):
 5B67B85



“Dry” IB unfilled: Brake fluid reservoir is empty; brake fluid line ports are sealed with labels.

Part numbers:
 5B3C874

Note: Additional work is necessary to install these “Dry” units, refer to the Claim Information section.

PROCEDURE

If you have received a “wet” unit, follow the repair per the Attachment 1, “Service Function and replace Wet IB pre-filled”.

If you have received a “dry” unit, follow the repair per the Attachment 2, “Service Function and replace Dry IB unfilled”.

FAILURE TO FOLLOW ATTACHED PROCEDURES CAN RESULT IN MALFUNCTION OR LOSS OF INFORMATION STORED IN THE IB UNIT

For U25 vehicles, before performing any repairs, check the vehicle comments in the DCS/Warranty Vehicle Inquiry (WVI) system for an IDS programming execution block.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which considers specific equipment and/or options.

Part Number	Description	Quantity
34 50 5B5F8F1	Power brake (WET unit)	1
Or		
34 50 5B67B85	Power brake (WET unit)	1
Or		
34 50 5B3C874	Power brake (DRY unit)	1

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07 11 9 905 374	Self-locking collar nut (M8-10 ZNS3)	2
Additional for U25		
07 11 9 904 670	Flange nut (M10-10-ZNS3)	1
07 11 9 905 147	Hex bolt with washer (M10x25-10.9 ZNS3)	1

Blue dot Information:



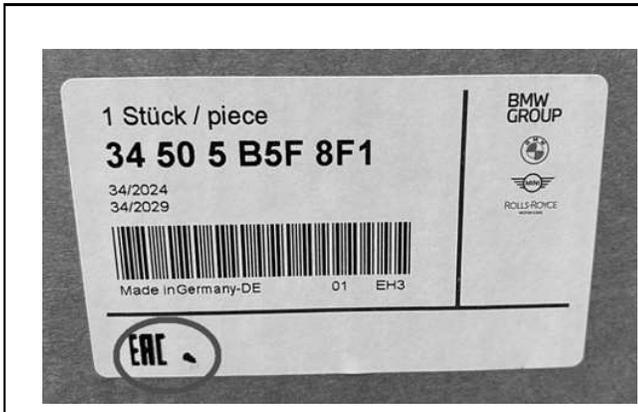
“Wet” IB pre-filled: Brake fluid reservoir is filled (arrow) and brake fluid line ports are plugged with bolts (circled)

Part numbers:
5B5F8F1 Must have Blue-Dot

See step 1 and 2 for inspection process

New part number
5B67B85 Will not have Blue-Dot

No further inspection required



1. For a “Wet” pre-filled part number listed above in blue. Verify the blue dot is located on the part number label as shown in the photo.

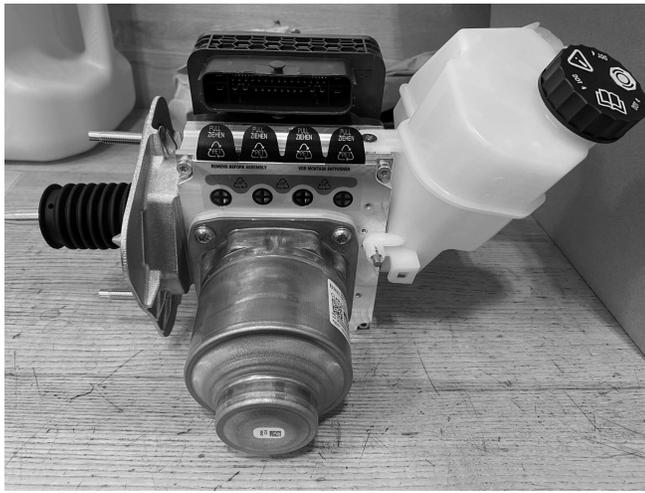
Note: Photo shown for location of blue dot on the parts label and does not indicate the part number for all models



2. Verify the blue mark is located on the new component as shown in the photo.

Note: Some IB’s may have an additional blue dot on the brake fluid reservoir. Disregard that blue dot. The only blue mark to be verified is shown here.

3. Return the part if the Blue-Dot is not found on the label or unit.



“Dry” IB unfilled: Brake fluid reservoir is empty; brake fluid line ports are sealed with labels.

Part numbers:
5B3C874 Blue-Dot inspection not needed

Note: Additional work is necessary to install these “Dry” units, refer to the Claim Information section.

Sublet – Bulk Supply Materials

Part Number	Description	Quantity
81 22 0146735	MINI Brake fluid DOT 4 (DN = 12 oz bottle)	Sublet as needed
Or:		
81 22 0142156	Brake fluid DOT 4 (DN = 12 oz bottle)	Sublet as needed
Or:		
81 22 0142155	Brake fluid DOT 4 (DN = 1 Gallon)	Sublet as needed
Or:		
81 22 5B43922	Brake fluid DOT 4, LV (DN = 1/10-liter billing part number, only in conjunction with dispersing from the 30-liter drum with a separate ordering part number)	Sublet as needed
And:		
83 19 5A53089	BMW Group Non-Chlorinated Brake Parts Cleaner- 3% VOC - (DN = 15 oz)	Sublet as needed
Or		
83 19 2451315	BMW Group Non-Chlorinated Brake Parts Cleaner - 45% VOC - (DN = 15 oz)	Sublet as needed

CLAIM INFORMATION

Reimbursement for this Recall will be via normal claim entry utilizing the applicable work package information below, the additional work as required, and part numbers listed above that apply.

Plusposition (+)	Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop
Main work	The vehicle arrives for this Recall, no other Main work will be performed/claimed during this workshop visit

Only one Main work flat rate labor operation code can be claimed per workshop visit.

Repair Code:	0034870200	F6x J0x U25 Replace integrated braking system
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Below are the special flat rate labor operation code choices for this action.

IB Replacement with Vehicle Programming and Encoding

Work Package	Labor Operation	Description	Labor Allowance
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# 1	00 77 606	Replace integrated brake system, program, and encode the vehicle control units, includes Carrying out vehicle test (00 00 556/61 21 528) (Plusposition)	As applicable
Or:			
# 2	00 77 072	Replace integrated brake system, program, and encode the vehicle control units, includes Carrying out vehicle test (00 00 006/61 21 528) (Main work)	As applicable
As applicable:			
Expanded WP A	00 77 609	Additional work, brake bleeding procedure (for installation of an “Dry: unfilled IB)	2 FRU
Expanded WP B	00 77 083	Attachment Step 3: Additional work (Work time) Affected Vehicle operation/driving preparation work prior to power brake (IB) unit replacement. A separate punch time is required to document and support the work time FRU amount that is claimed	WT FRU as required

Work time labor operation code 00 77 083 is not considered Main labor operations.

Or:

IB Replacement, Vehicle Programming and Encoding is included in another Repair.

Work Package	Labor Operation	Description	Labor Allowance
#3	00 77 607	Replace the integrated brake system (Programming and encoding the vehicle control units was performed in conjunction with another campaign/repair during the same workshop visit) (Plusposition)	As applicable
Or:			
#4	00 77 073	Replace the integrated brake system (Programming and encoding the vehicle control units was performed in conjunction with another campaign/repair during the same workshop visit) (Main work)	As applicable
As applicable:			
Expanded WP A	00 77 609	Additional work, brake bleeding procedure (for installation of an “Dry: unfilled IB)	2 FRU
Expanded WP B	00 77 083	Attachment Step 3: Additional work (Work time) Affected Vehicle operation/driving preparation work prior to power brake (IB) unit replacement. A	WT FRU as required

	separate punch time is required to document and support the work time FRU amount that is claimed	
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Work time labor operation code 00 77 083 is not considered Main labor operations.

Vehicle Programming and Encoding Required after Part Replacement

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 brake (IB) system module, select this open Technical Campaign to also perform and submit for updating the vehicle to the required I-level or higher instead when applicable (This includes 00 00 006 or 00 00 556, 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 open campaigns on the vehicle. Close any other open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

Or:

IB Replacement, Vehicle Programming and Encoding is included in another Repair.

Work Package	Labor Operation	Description	Labor Allowance
# 5	00 77 610	The vehicle has already been completed by another repair or technical action (Plusposition)	1 FRU
Or:			
# 6	00 77 074	The vehicle has already been completed by another repair or technical action (Main work)	1 FRU

Claim Repair Comments

Reference the SIB number, the work package (Pkg) number and the Expanded WPs performed in the technician’s RO notes and in the claim comments (For example: M34 01 24 WP1, A, B), unless otherwise required by State law.

Also, identify when the “Dry” unit additional work was required and performed, and explain the work time claimed under labor operation code 00 77 083.

Also, explain the additional work that was required and performed.

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

Sublet Code 4	Reimbursement for the repair-related bulk supply materials (Do not use the MINI part numbers for claim submission)	Up to \$70.00
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Sublet reimbursement calculation for claiming the applicable repair-related bulk supply material (MINI part number) is at the dealer net (DN) price for the full or proportional quantity used plus your dealer’s handling.

Expanded WP B: Affected Vehicle refueling reimbursement is at cost (no markup).

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

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

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To obtain the corresponding flat rate unit (FRU) allowance information from the BMW Group AIR application resource, start by entering 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 number "without spaces" 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.

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 applicable 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 dealer, please refer to **SI M01 01 20** or **M01 04 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 dealer 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 Repair 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 M01 01 17 for additional information.

Reimbursement of Recall Remedy Comparable Prior Customer-Pay Repairs (TREAD Act)

The Safety Recall remedy repair for this action is to replace the Affected Vehicle's power brake unit (Integrated Brake IB module) together with performing the required follow-up vehicle programming and encoding procedure.

Based on the age of the Affected Vehicles and the type of remedy repair being performed, a reimbursement request for a qualifying prior customer-pay repair is not likely. However, a customer may still request the review of a repair that was performed on their vehicle which they paid for.

A qualifying customer pay repair, performed **prior** to the notification of Recall, must be comparable to the Recall's remedy repair, and it must primarily address the Service Information Bulletin's identified vehicle issue (Situation/Cause) which requires repair (Correction) as noted above. Also, the repair must have been correctly, effectively, and completely performed as required by the applicable BMW Group approved repair process instructions and guidelines (Procedure) including required replacement part usage (Parts Information) for it to be considered and approved for reimbursement.

In the event of the above situation, please contact the Warranty department (include a legible copy of the invoice) through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections. The

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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

Supporting Materials

[picture_as_pdf M34 01 24 Service Function and replace Dry IB unfilled.pdf](#)

[picture_as_pdf M34 01 24 Service Function and replace Wet pre filled IB.pdf](#)

[picture_as_pdf M340124_24V-104-IB-MINI-FAQ-\(09Aug2024\).pdf](#)

[picture_as_pdf M340124 Recall Notice.pdf](#)

