



SIB 17 03 24

2024-05-15

DELIVERY STOP REPLACE THE COOLANT EXPANSION TANK

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.

This Service Information Bulletin (Revision 1) replaces SI B17 03 24 **dated April 15, 2024.**

What's New:

- Cause, Correction, Procedure, Parts, and Claim Information sections added

THIS REPAIR IS MOBILE FRIENDLY

MODEL

E-Series	Model Description	Production Date
F90	M5 Sedan	November 7, 2017 – September 9, 2022
F91	M8 Convertible	July 3, 2019 – September 5, 2022
F92	M8 Coupe	July 3, 2019 – September 9, 2022
F93	M8 Gran Coupe	July 3, 2019 – September 9, 2022

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 April 16, 2024, you can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.

SITUATION

Under certain driving situations, coolant leaks onto the fuel injectors on cylinder bank (5-8).

BMW AG has issued a Delivery Stop (effective April 15, 2024) on certain Model Year 2018 - 2023 BMW vehicles that were produced between November 7, 2017, and September 9, 2022.

Do not deliver to a customer, a New, Certified Pre-Owned or Used vehicle subject to a Delivery Stop, until the vehicle is repaired. Do not use or sell replacement equipment/parts subject to a Delivery Stop.

CAUSE

The coolant expansion tank may develop a leak over the service life of the vehicle. This leak may damage the fuel injectors on the driver's side cylinder bank 2 (cylinders 5-8) which are located nearly directly beneath the tank.

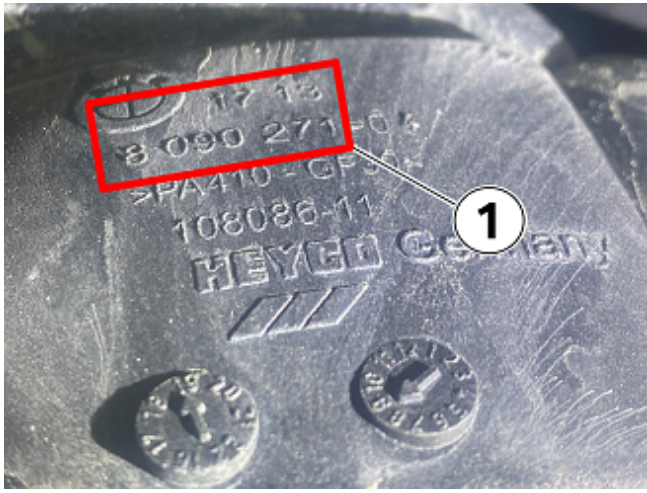
CORRECTION

Check the part number of the expansion tank and, if necessary, replace the tank.

PROCEDURE

1. Follow Repair Instruction **17 11 100 Removing and installing/replacing coolant expansion tank** and loosen/lift up the tank to access the underside of the tank to read out the part number.

NOTE: At this point no coolant needs to be drained to access the part number.



Check the tank for part number (P/N) 17 13 7 889 450 (1).

In this photo, the P/N is 17 13 8 090 271.

If the P/N is ...7 889 450, check that there are no signs of coolant leaking from the tank. If there are no signs of coolant leaking from the tank (e.g., seams leaking/split, no overspill from refilling/loose cap), no further action is necessary. Reinstall the tank. Continue to Step 2.

If any other P/N is observed such as in the photo above, replace the tank per the Repair Instruction **17 11 100 Removing and installing/replacing coolant expansion tank**. Continue to Step 2.

2. Check fuel injectors on cylinders 5 – 8 for any signs of coolant contamination (may require the use of a borescope). Replace any injectors (up to 4) with signs of coolant contamination.



Coolant contamination on a fuel injector (1).

PARTS INFORMATION

Use and invoice the part numbers below that apply at the applicable quantity.

Part Number	Description	Quantity
17 13 7 889 450	Expansion tank	1
13 64 7 852 362	Fuel injector	Up to 4

Sublet – Bulk Supply Materials

Part Number	Description	Quantity
82 14 1 467 704	Antifreeze (F90 up to 7/31/2018 production) (1 gallon concentrate) (up to 3.5 liters for repair)	Sublet up to 1/2 Gallon
Or:		
82 10 2 168 112	HT-12 Coolant (All models from 8/1/2018 production)	Sublet up to

Copyright ©2024 BMW of North America, Inc.

Or:		
83 19 5 A32 851	HT-12 Antifreeze RTU (All models from 8/1/2018 production) (Bulk 1/10 Liter, Pre-mix) (up to 3.5 liters for repair)	Sublet up to 35 one-tenth units

Additionally, other materials and small parts that are not specified above, such as fluids, lubricants, one-time use screws, nuts, and seals, which must be replaced or installed (according to the ISTA repair instructions/ETK/AIR), are to be selected from the Electronic Parts Catalog, and/or other approved BMW Group resources according to the respective vehicle type. Invoiced these items separately under the Repair Code listed in this bulletin.

CLAIM INFORMATION

Reimbursement for this action will be via normal claim entry utilizing the applicable work package and additional work information below, and the part numbers above at the quantities that apply.

Plusposition (+)	The vehicle is already in the workshop
Main work	The vehicle arrives at your workshop and this Action shows open, 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:	0017220200	F9x S63M Replace coolant expansion tank
---------------------	-------------------	--

Below are the special flat rate labor operation code choices for this action.

No Expansion Tank and/or Injector Replacement is Necessary

Work Pkg	Labor Operation	Description	Labor Allowance
# 1	00 76 521	Check coolant expansion tank part number and check for coolant residue on the fuel injectors of cylinders 5 – 8 (No repair is necessary) (Plusposition)	As applicable
Or:			
# 2	00 76 018	Check coolant expansion tank part number and check for coolant residue on the fuel injectors of cylinders 5 – 8 (No repair is necessary) (Main work)	As applicable

Check PN and Replace Coolant Expansion Tank (No Injector Replacement Required)

Work Pkg	Labor Operation	Description	Labor Allowance
# 3	00 76 511	Check P/N / replace coolant expansion tank and check for coolant residues on the fuel injectors of cylinders 5 – 8 (No injector replacement is necessary) (Plusposition)	As applicable
Or:			
# 4	00 76 011	Check P/N / replace coolant expansion tank and check for coolant residues on the fuel injectors of cylinders 5 – 8 (No injector replacement is necessary) (Main work)	As applicable

Copyright ©2024 BMW of North America, Inc.

Check PN, Replace Coolant Expansion Tank and Replace One or More Injectors (Cyl 5 - 8)

Work Pkg	Labor Operation	Description	Labor Allowance
# 3A1	00 76 512	Check P/N / replace coolant expansion tank and check for coolant residues on the fuel injectors of cylinders 5 – 8, replace one (1) injector (Plusposition)	As applicable
Or:			
# 4A1	00 76 012	Check P/N / replace coolant expansion tank and check for coolant residues on the fuel injectors of cylinders 5 – 8, replace one (1) injector (Main work)	As applicable
And	If applicable:		
A2	00 76 513	Replacing an additional injector (two injectors total) (together with 00 76 512 or 00 76 012)	2 FRU
And again	If applicable:		
A3	00 76 513	Replacing an additional injector (three injectors total) (together with 00 76 512 or 00 76 012)	2 FRU
And again	If applicable:		
A4	00 76 513	Replacing an additional injector (four injectors total) (together with 00 76 512 or 00 76 012)	2 FRU

Check Coolant Expansion Tank PN and Replace One or More Injectors (Cyl 5 - 8)

Work Pkg	Labor Operation	Description	Labor Allowance
# 5B1	00 76 525	Check coolant expansion tank part number, check for coolant residues on the fuel injectors of cylinders 5 – 8, replace one (1) injector (Plusposition)	As applicable
Or:			
# 6B1	00 76 021	Check coolant expansion tank part number, check for coolant residues on the fuel injectors of cylinders 5 – 8, replace one (1) injector (Main work)	As applicable
And	If applicable:		
B2	00 76 513	Replacing an additional injector (two injectors total) (together with 00 76 512 or 00 76 012)	2 FRU
And again	If applicable:		
B3	00 76 513	Replacing an additional injector (three injectors total) (together with 00 76 512 or 00 76 012)	2 FRU
And again	If applicable:		
B4	00 76 513	Replacing an additional injector (four injectors total) (together with 00 76 512 or 00 76 012)	2 FRU

Copyright ©2024 BMW of North America, Inc.

Or the:

Expansion Tank was Replaced through another Repair or Technical Campaign

Work Pkg	Labor Operation	Description	Labor Allowance
# 7	00 76 514	Vehicle was already taken care of through another repair or Technical Campaign (Plusposition)	1 FRU
Or:			
# 8	00 76 013	Vehicle was already taken care of through another repair or Technical Campaign (Main work)	1 FRU

Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and the claim comments (For example: B WP 3A1, A4), unless otherwise required by State law.

Work Package # 7 and # 8: Please provide the date and mileage the prior repair was performed (Include the RO/BMW Claim number when applicable).

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

Sublet Code 4	Reimbursement for the supported amount repair-related bulk supply material (Do not use the BMW part number for claim submission)	Up to \$30.00
----------------------	--	---------------

Sublet reimbursement calculation for claiming the applicable repair-related bulk supply material (BMW part numbers) is at the dealer net price amount for the full or proportional quantity used plus your center’s handling.

BMW Antifreeze/Coolant: Claim the corresponding sublet dollar amount for the quantity needed to replace what was drained. The one-gallon concentrate part number quantity for a 50/50 coolant/water solution.

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

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

This Action qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Repair Code in this bulletin as follows:

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

Please refer to SI B01 29 16 for additional information.

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

To obtain the corresponding flat rate unit (FRU) allowance information from the BMW Group AIR application resource, start by entering the 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.

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

