



SI B17 10 17
Cooling Systems

December 2017
Technical Service

SERVICE ACTION: CHECK COOLANT FREEZING PROTECTION LEVEL

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.

MODEL

F22 (2 Series Coupe)	F23 (2 Series Convertible)
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AFFECTED VEHICLES

This Service Action involves F22 and F23 vehicles produced on October 21, 2017.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

SITUATION

The coolant freeze point protection may be too low (coolant will freeze sooner than specified)

CAUSE

Improper mixture of coolant during factory filling.

CORRECTION

Check the coolant anti-freezing protection level of the coolant in both the high temperature and low temperature cooling circuits with a coolant hydrometer. Affected vehicles will have a -22°C level of protection. The specified coolant freezing protection level should be -38°C. Drain and replace the coolant in both systems (high temp and low temp) if the coolant freezing protection level isn't at -38°C.

PARTS INFORMATION

Part Number	Description	Quantity
82 14 1 467 704	ANTIFREEZE (One Gallon, Bulk)	See below

WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	0017810100	
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Completion "before" vehicle delivery to the customer or the vehicle is already in the workshop

Labor Operation:	Labor Allowance:	Description:
		Check the coolant anti-freezing protection, no further

00 65 879	3 FRU	action (repair) is necessary (Plus work)
Or:		
00 65 880	13 FRU (F23 B46);	Check the coolant anti-freezing protection and replace it completely (high temperature, and if present, low temperature) (Plus work)
10 FRU (F22 B58);		
20 FRU (F23 B58)		

Or:

Completion after vehicle delivery to the customer

Labor Operation:	Labor Allowance:	Description:
00 65 232	5 FRU	Check the coolant anti-freezing protection, no further action (repair) is necessary (Main work)
Or:		
00 65 233	13 FRU (F23 B46);	Check the coolant anti-freezing protection and replace it completely (high temperature, and if present, low temperature) (Main work)
12 FRU (F22 B58);		
21 FRU (F23 B58)		

And:

Sublet – Bulk Materials

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for replacing the drained quantity of antifreeze/coolant (Bulk container reference 82 14 1 467 704, one gallon container. Do not use this part number for claim submission)
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Sublet reimbursement calculation for claiming BMW antifreeze/coolant (1 gallon bulk container reference P/N 82 14 1 467 704) for approximately 2 liters (“quantity used,” 4 liters total at a 50/50 solution) is at the dealer net price for the plus your center’s handling.

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

And, as applicable:

Alternative Mobility Solution (AMS) for Delivered Vehicles

This Service Action 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.

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