



SIB 17 03 22

2022-12-15

SERVICE ACTION: REPLACE THE CHARGE AIR COOLER

MODEL

G80 (M3 Sedan)	G82 (M4 Coupe)	G83 (M4 Convertible)
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SITUATION

The charge air cooler housing may separate and lose charging pressure.

NOTE: This Service Action involves three (3) vehicles only

CAUSE

The charge air cooler housing may have been improperly crimped during assembly.

CORRECTION

Replace the charge air cooler.

PROCEDURE

Replace the charge air cooler with the intake system as described in the repair instructions **REP 17 51 000 Removing and installing/replacing the charge air cooler (with the manifold)**.

PARTS INFORMATION

Only use and invoice the part numbers below.

Part Number	Description	Quantity
17 51 8092584	Intake system with charge air cooler	1
13 54 8632344	Gasket	2
13 71 8054842	Charge air pipe	1
11 61 8596854	Shaped sealing ring	2
13 71 8473161	Shaped sealing ring	2
07 14 7401727	Expander rivet	2
51 61 8084883	Hexagon bolt	4
07 14 8086257	Hexagon bolt	3
07 14 7381866	Hexagon nut with washer	8
07 14 9504743	Multi-purpose bolt	20
07 14 7270121	Torx bolt with collar	4
17 22 8680549	O-ring	2
34 31 7680001	Countersunk screw (M6x25)	3
07 14 7883031	Multi-purpose bolt (M12x1.5x40 ZNS3)	2 (G80) 4 (G82/83)

Bulk Materials - Sublet

Part Number	Description	Quantity
83 19 5A32851	HT-12 Antifreeze RTU (Bulk 1/10 Liter) (Pre-mix)	Up to 66
83 19 2468442	BMW Antifreeze/Coolant (1 Gallon Concentrate - HT-12)	1

CLAIM INFORMATION

Reimbursement for this Action will be via normal claim entry utilizing the applicable work package information below and the part numbers listed above.

Defect Code:	0017180200	G8x Replace charge air cooler
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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 73 723	Replace the charge air cooler with the intake system	65 FRU (G80); 66 FRU (G80 AWD); 67 FRU (G82/G83)
Or:			
# 2	00 73 724	Vehicle was already taken care of prior through another repair or Technical Campaign	1 FRU

Or:

The vehicle arrives at your center and this Service Action 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 73 142	Replace the charge air cooler with the intake system	66 FRU (G80 RWD); 68 FRU (G80 AWD/ G82/G83)
Or:			
# 4	00 73 143	Vehicle was already taken care of prior through another repair or Technical Campaign	1 FRU

Only one of the flat rate labor operation codes listed above can be used for claim submission and reimbursement. 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 RO technician notes and the claim comments (For example: B17 03 22 WP 1), unless otherwise required by State law.

And:

Sublet – Bulk Materials (RO and Claim Comments Required)

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk materials (Do not use the BMW part number for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part number) is at the dealer net price amount for the quantity used plus your center's handling.

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

And, if applicable:

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

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.

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topics 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

