



SIB 17 01 20

2020-01-17

SERVICE ACTION: ADD SILICONE BOOSTER TO LOW TEMP COOLING SYSTEM

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

G05 (X5 Sports Activity Vehicle)	G06 (X6 Sports Activity Coupe)	G07 (X7 Sports Activity Vehicle)	All with the N63B or N63M engine
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SITUATION

The coolant in the low temperature cooling system may not have sufficient coolant corrosion protection.

AFFECTED VEHICLES

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 ISPA NEXT.

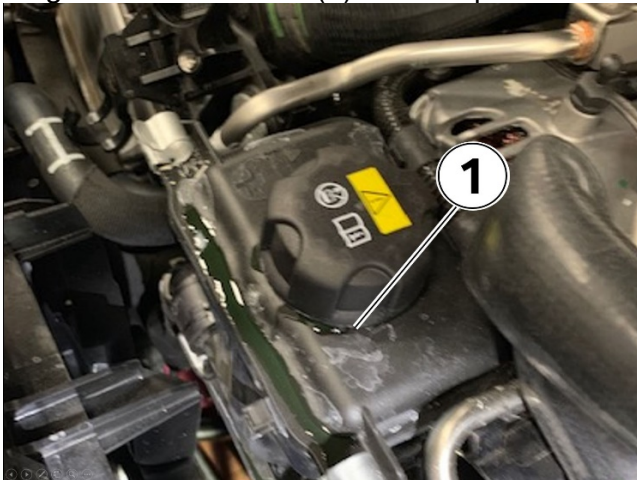
CORRECTION

Pour 60 ml silicon concentrate (silicate booster, FROSTOX) into the low-temperature coolant circuit.

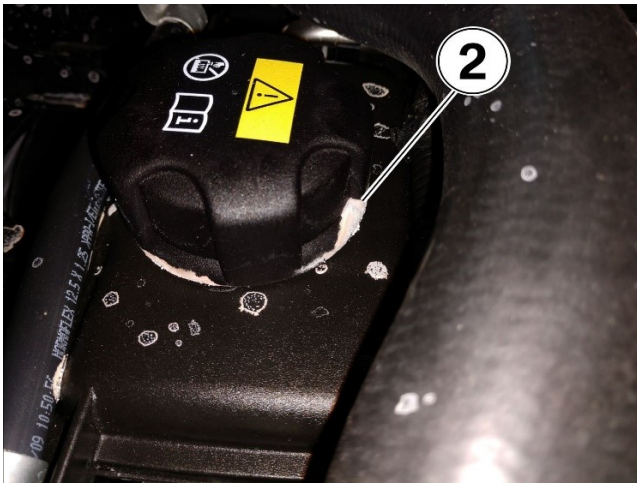
PROCEDURE

Warning: Risk of scalding: Only work on the cooling system when the engine is cold. Please refer to the repair instructions **1700 ... Notes for working on the cooling system. (REP-REP-RAE4617-1700 - V.9).**

Step One: Check the cap on the low pressure cooling system for signs of overpressure (coolant leaking (1) or signs of dried coolant (2)- refer to photos below). If there are signs of coolant loss, proceed to Step Two. Coolant leaking (1).



Signs of dried coolant (2).



If there are no signs of coolant loss, open the reservoir cap for the low temperature cooling system. Was pressure released (1)?



- Yes: Continue to Step Two.
- No: Continue to Step Three.

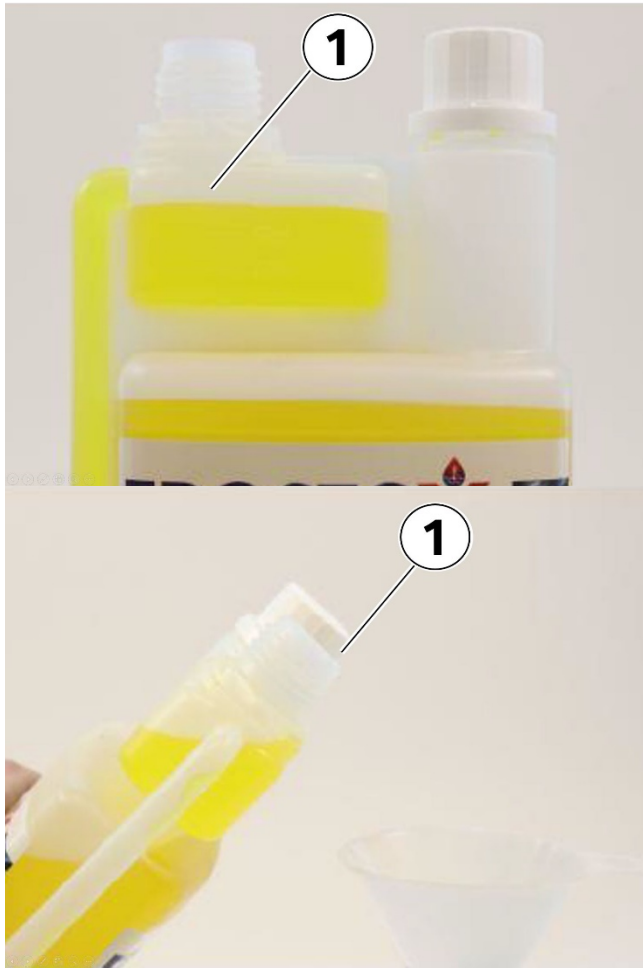
Step Two: Do not add the silicon booster if there is any pressure released from the low temp cooling system. Follow [SI B17 06 17](#) to properly repair the vehicle.

Step Three: Adding the silicon booster additive. Read the safety information label on the booster bottle for proper handling, storage and disposal of the additive



Remove the cap for the small reservoir (1). Do not remove the cap for direct fill (2).

Squeeze the bottle until the reservoir fills to 60ml (1).



Pour the 60ml of concentrate into the low temp coolant reservoir. Do not spill any of the concentrate. If necessary, use a funnel to help in filling the low temp reservoir.

PARTS INFORMATION

The silicon booster (1 liter/1000 ml container) was direct shipped (free of charge) to your center at a quantity that was based on the number of affected units sold in your area.

Contact the supplier directly for additional bottles at SpecialtyCustomerService@valvoline.com

WARRANTY INFORMATION

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

Defect Code:	0017980100	G05 G06 G07 N63M N63B Check coolant filling in low-temperature coolant circuit
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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 68 850	Adding 60ml of coolant concentrate into the low temp cooling system	3 FRU
Or:	Or:		
# 2	00 68 851	Low temp cooling system is contaminated (Overflow of the radiator antifreeze and corrosion inhibitor present at the low-temperature coolant circuit). Vehicle	1 FRU

		requires the repair outlined in SI B17 06 17 (Same workshop visit)	
Or:	Or:		
# 3	00 68 852	Vehicle was already taken care of through another repair/campaign ((coolant previously replaced, this includes SI B17 06 17 repair)	1 FRU

Or:

The vehicle arrives at your center and this Service Action shows open (No other Main work will be performed/claimed during this workshop visit)

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 4	00 68 254	Adding 60 ml of coolant concentrate into the low temp cooling system	5 FRU
Or:	Or:		
# 5	00 68 255	Low temp cooling system is contaminated (Overflow of the radiator antifreeze and corrosion inhibitor present at the low-temperature coolant circuit). Vehicle requires the repair outlined in SI B17 06 17 (Same workshop visit)	1 FRU
Or:	Or:		
# 6	00 68 256	Vehicle was already taken care of through another repair/campaign (coolant previously replaced, this includes SI B17 06 17 repair)	1 FRU

Note: Only one of the flat rate labor operations above can be used for claim submission/reimbursement purposes. Also, only one Main work flat rate labor operation 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 in the claim comments (For example: B17 01 20 WP 1), unless otherwise required by State law.

And:

Sublet – Handling Charge (For WP # 1 and # 4 only, RO and Claim Comments Required)

Sublet Code 4	\$1.00	Reimbursement for the handling charge that applies to the used quantity of bulk material that was supplied free of charge
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