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2020-06-26

COOLANT LEVEL CHECK AND TOP-OFF AT SECOND OIL SERVICE

MODEL

G12 (7 Series Sedan)	G14 (8 Series Convertible)	G15 (8 Series Coupe)
G16 (8 Series Gran Coupe)	G30 (5 Series Sedan)	G32 (640i xDrive Gran Turismo)

SITUATION

A new, additional coolant level check task is now linked to the second engine oil service (Service Counter 2 only). The scope of maintenance work will display in ISPA Next that applies to the high-temperature circuit.

This new coolant check only pertains to the above listed models with gasoline engines.

CAUSE

During the normal operation of the vehicle, there is a certain amount of coolant absorption by the various components/gaskets/seals contained within the coolant systems.

Over time, the coolant absorption can cause the coolant level to fall below the maximum fill level in the reservoir. In some cases, the level may even fall low enough to cause the high-temperature circuit low coolant level warning light to illuminate, along with displaying the corresponding Check Control message.

CORRECTION

The point of full saturation for these coolant system components is typically reached by the time the second engine oil service is due and performed (no further loss of coolant due to absorption).

Based on the above, check and top up the high and low-temperature circuits (both reservoirs) as necessary when the vehicle's second engine oil service (Service Counter 2) is being performed.

PROCEDURE

When the Coolant level check, linked with Engine oil is displayed and performed with the second engine oil service, then:

- Open the high and low temperature circuits (Caution: only after the engine has cooled down)
- Check the coolant levels, and as needed:
 - Top up the cooling system with a 50/50 mix of coolant to the MAX level in the reservoirs and close the systems
- When all required maintenance services are completed, reset the CBS data

PARTS INFORMATION

Sublet – Bulk Materials

Part Number	Description	Quantity
83 19 2 468 442	BMW Antifreeze/Coolant (1 gal) - HT-12	Top up only

WARRANTY INFORMATION

When applicable, covered under the terms of an active BMW Maintenance Program (Perform and claim as shown below with the second Engine oil Service task)

Defect Code:	85990091MP	OIL SERVICE (MP) AFTER THE 1ST
:		
Labor Operation	Description	Labor Allowance

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00 00 610	Engine oil service	Refer to AIR
And:		
00 00 692	Checking coolant level (and top up as necessary)	1 FRU

And:

Sublet – Bulk Materials

Sublet Code 4	Up to \$10.00	Sublet allowance for Maintenance Program-related claim submissions
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Includes reimbursement for up to 0.5 liter (up to 1 liter total at a 50/50 mixture) of BMW HT-12 antifreeze/coolant (1 gallon bulk container reference P/N 83 19 2 468 442) that is needed for this additional maintenance task procedure.

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