



PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

SUBJECT

Service Action: Replace Fuel Tank Supply Unit

MODEL

I12 (i8)

SITUATION

The internal sealing of the fuel tank pressure sensor fitted in the fuel supply unit may fail. As a result, the sensor may read an incorrect value and set a fault code for the fuel tank evaporation system. This may lead to the Check Engine Light (CEL) being illuminated.

AFFECTED VEHICLES

This Service Action involves certain I12 i8 vehicles in which the fuel tank supply unit and fuel filler neck breather pipe will need to be replaced.

First check if a Service Action label with a code number **713** is already attached to the A-pillar.

If a code number **713** has been punched out, the Campaign has already been performed and no further action is necessary.

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

PROCEDURE

Only properly trained personnel, who have passed all applicable technical training courses, should perform any maintenance or repairs on any Hybrid or Electric Vehicle. Work performed by unqualified persons may result in severe injury or damage to the vehicle. Additional information may be found in REP 61 00... Observe safety instructions when handling electric vehicles.

1. Replace the fuel filler neck breather pipe per Repair Instruction REP 16 11 030, "Removing and installing/replacing fuel tank (US version)," which includes all three of the following bullet points:
 - Extracting the fuel from the fuel tank and filling it back
 - Draining and topping up coolant circuit for low temperature
 - Connecting an approved battery charger

Note: The repair procedure includes draining coolant and disconnecting coolant lines. Refill the drained quantity with new BMW Long-term Antifreeze/Coolant (50/50 mixture) only. Do not reuse the drained coolant.


2. Replace the fuel tank supply unit per Repair Instruction REP 16 14 090, "Removing and installing/replacing delivery unit."
3. Perform the pressure sensor calibration via ISTA/D Service Function "Adjust the fuel tank pressure sensor."

The path to this Service Function is Activities / Service Function / 01 Engine / Pressurized fuel tank control module.

PARTS INFORMATION

Part number	Description	Quantity
16 11 7 393 983	Supply module	1
16 12 7 402 615	Fuel filler neck breather pipe	1
31 10 4 096 137	Torx bolt M10 x 30	6
Bulk Quantity Item		
Part Number	Description	Quantity
82 14 1 467 704	Antifreeze	See sublet

LABEL INSTRUCTIONS

	<p>This Service Action has been assigned code number 713. After the vehicle has been checked and/or corrected, obtain a label (SD 92-453) and:</p> <ol style="list-style-type: none"> Emboss your BMW center warranty number in the middle of the label (1); Punch out code number 713 (2), printed on the label; and Affix the label to the B-pillar as shown.
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If the vehicle already has a label from a previous Service Action/Recall Campaign, affix the new label next to the old one. Do not affix one label on top of another one because a number from an underlying label could appear in the punched-out hole of the new label.

WARRANTY INFORMATION

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

Defect Code:	00 16 85 01 00	
Labor Operation:	Labor Allowance:	Description:
00 62 755	49 FRU	Replace fuel tank supply unit (See the procedure section for "Inclusive" labor operations)

Labor operation code 00 62 755 is a Plus labor operation.

And:

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Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for replacing the drained quantity of BMW antifreeze/coolant (Bulk container reference P/N 82 14 1 467 704, one gallon container). Please do not use this part number for claim submission.
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Sublet calculation: BMW antifreeze/coolant (Bulk container reference P/N 82 14 1 467 704) - replacing the drained quantity (50/50 mixture) at dealer net plus handling.

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

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