



SERVICE ACTION: REPLACE FUEL TANK DELIVERY UNIT I12 US

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

I12 (i8)	
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AFFECTED VEHICLES

This Service Action involves certain i8's produced from May 16, 2014 to August 18, 2016.

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 pressure temperature sensor installed in the fuel delivery module can develop internal leaks. As a result, fuel may get into the sensor which might result in the sensor displaying an incorrect value. In the event of implausibility, a fault code is stored and a check engine light (MIL) may be illuminated.

CORRECTION

Replace the fuel delivery module.

PROCEDURE

NOTE: 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 delivery module per **REP 16 14 090 Removing and installing/replacing the delivery unit** 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.

- Perform the pressure sensor calibration via ISTA Service Function "Adjust the fuel tank pressure sensor." The path to this Service Function is Vehicle management / Service Functions / Power train / Engine electronics / Adjust the fuel tank pressure sensor.

PARTS INFORMATION

Part Number	Description	Quantity
16 11 7 339 267	Supply module	1
16 12 7 402 615	Fuel-filler-neck breather pipe	1
31 10 4 096 137	Torx bolt	6
16 11 7 188 567	O-ring	1
16 11 7 303 939	Support ring	1
31 10 6 867 454	Fillister-head screw	17 (if necessary)
07 14 7 201 307	Expanding nut	6 (if necessary)
07 12 9 904 477	ISA screw	8 (if necessary)

Bulk Materials

Part Number	Description	Quantity
82 14 1 467 704	Antifreeze	See sublet

WARRANTY INFORMATION

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

Defect Code:	0016250200	
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Completion "before" vehicle delivery to the customer or the vehicle is already in the workshop

Labor Operation:	Labor Allowance:	Description:
00 66 597	50 FRU	Replacing the supply unit (Includes extracting the fuel from the fuel tank and filling it back) (Plus work)
Or:		
00 66 624	53 FRU	Replacing the supply unit and clear fault memory (MIL illuminated) (Includes extracting the fuel from the fuel tank and filling it back) (Plus work)

Or:

Completion after vehicle delivery to the customer

Labor Operation:	Labor Allowance:	Description:
00 66 060	52 FRU	Replacing the supply unit (Includes extracting the fuel from the fuel tank and filling it back) (Main work)
Or:		
00 66 071	55 FRU	Replacing the supply unit and clear fault memory (MIL illuminated) (Includes extracting the fuel from the fuel tank and filling it back) (Main work)

And:

Sublet Code 4	Up to \$5.00	Reimbursement for replacing the drained quantity of BMW antifreeze (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 reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part number) is at the dealer net price for the “quantities used” plus your center’s handling.

BMW Antifreeze/Coolant: Amount that is needed to replace what was drained with a “50/50 coolant/water solution.”

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

And, as applicable:

Alternative Mobility Solution (AMS) for Vehicle Owners

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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