



## DELIVERY STOP: REFRIGERANT AIR CONDITIONING

New information provided by this revision is preceded by this symbol  .

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.

This Service Information Bulletin supersedes SI B64 03 18 **dated March 2018**

- Situation: has been updated.
- Affected Vehicles: has been added
- Correction: has been added
- “Procedure” has been added
- “Parts Information” has been added
- “Warranty Information” has been added

### MODEL

F15 (X5 SAV)	F16 (X6 SAV)
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### SITUATION

An incorrect refrigerant was used to fill the refrigerant circuit in the affected vehicles after assembly.

### AFFECTED VEHICLES

This Service Action involves X5 or X6 (Only 8 vehicles) vehicles produced from January 16 to February 19, 2018.

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.

The affected vehicles will be identified with the description:

**0064950100 B640318 Delivery Stop: Refrigerant Air Conditioning.**

### CORRECTION


Completely empty A/C refrigerant system into special recovery tanks and fill with new refrigerant.





Note: Failure to properly evacuate affected systems will result in contamination of A/C service equipment.

**UPDATE!** **PROCEDURE**

1. Prior to performing this repair, make sure you have the proper tool kit listed below:

	<p>Order the disposal equipment Part # 81 34 2 420 076 and accessories as shown in picture:</p> <ul style="list-style-type: none"> <li>• Insulation box (1)</li> <li>• Connecting hose low-pressure service connection R1234yf (2)</li> <li>• Mounting for disposal bottle (3)</li> </ul> <p>Accessories</p> <ul style="list-style-type: none"> <li>• Recovery tank (obtained from local refrigerant/disposal company)</li> <li>• Dry ice nuggets, approx. 30 lbs. (obtained from local supplier)</li> </ul>
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	<p>Warning:</p> <ul style="list-style-type: none"> <li>• Discharging of the refrigerant into the atmosphere, is a violation of the EPA's Refrigerant Recycling Rule.</li> <li>• Always adhere to proper safety information (including proper personal protection) in ISTA for handling refrigerant.</li> </ul> <p> Note: Observe and comply with the safety information on the tool containers.</p>
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2. Evacuate the recovery tank first that was supplied in the tool kit.
3. Place the recovery tank in a freezer (if available) overnight before using it with dry ice. This will reduce the time to evacuate.
4. Operate engine until it has achieved operating temperature then turn.

	<ol style="list-style-type: none"> <li>5. Set up cool box in front of the vehicle as shown.</li> <li>6. Insert tank holder in the cool box and then place recovery tank in the holder.</li> <li>7. Attach one end of hose onto the valve of recovery tank and the other end to the low pressure vehicle service port.</li> <li>8. Switch the vehicle to diagnosis mode with a battery charger connected.</li> </ol>
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9. Turn air conditioner blower to medium.
10. Fill the cool box with the dry ice along the sides of the tank.



Note: Do not cover top of tank with dry ice.

11. Open the vehicle's low pressure connection and the valve on the tank.
12. Draw off refrigerant circuit for 30 min.
13. Close valves at vehicle low pressure connection and at the recovery tank.
14. Remove hose between the valves.
15. Move cool box with recovery tank to warm location to evaporate dry ice quickly.
16. Connect A/C service station to the vehicle refrigerant circuit.
17. Evacuate the refrigerant circuit **twice**.
18. Fill refrigerant circuit with R1234yf refrigerant and 10 ml oil (refer to label on hood for proper amount and type)
19. Process recovery tank with certified disposal company.
20. Remove protective equipment.

21. Perform a final check of the air conditioning system for proper operation.

**UPDATE!** PARTS INFORMATION

Part Number	Description	Quantity
81 34 2 420 076	Disposal equipment for refrigerant	1

**Bulk Materials**

83 19 2 287 039	Refrigerant, R1234yf (One once)	As needed
83 22 2 339 920	Refrigerant oil for R1234yf (250ml)	As needed
Sublet (NPN)	Dry ice nuggets (obtained locally)	30 lbs.
Sublet (NPN)	Recovery tank (obtained locally from certified recovery/disposal)	1

**WARRANTY INFORMATION**

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

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<b>Defect Code:</b>	<b>0064950100</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 66 570	11 FRU	Replacing the air conditioning refrigerant (Plus work - Vehicle is already in the workshop)
Or:		
00 66 051	13 FRU	Replacing the air conditioning refrigerant (Main work)

And:

#### Sublet – Bulk Materials

Sublet Code 4	Up to \$150.00	Reimbursement for the repair-related bulk materials , please, do not use these part numbers for claim submission
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Sublet reimbursement calculations:

The “used quantities” of repair-related bulk materials:

- BMW part numbers (**including the R1234yf refrigerant**) are at dealer net plus your centers handling; or
- Other materials not available through BMW and obtained locally are at “cost plus 20 percent.”

Enter these material costs in sublet and itemize the amounts on the repair order and in the claim comment section.

Posted: Monday, June 4, 2018

## ATTACHMENTS

View PDF attachment [B640318 Delivery Stop Legal](#).

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**Please be reminded that it is a violation of Federal law for you to sell, lease or deliver any vehicle covered by this notification until the delivery stop repair has been performed. This means that centers may not legally deliver new motor vehicles to a consumer until it is fixed or use/sell replacement equipment/parts subject to a delivery stop. Note also that substantial civil penalties apply to violations of this law.**

**Also, you should not sell, lease or deliver any Certified Pre-Owned or used vehicles subject to a delivery stop until the repair is completed.**