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## WASHER FLUID LEAKS FROM THE HEADLIGHT WASHER JETS

### MODEL

F25 (X3) Produced up to March 31, 2015
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### SITUATION

Washer fluid leaks from the headlight cleaning washer jets.

### CAUSE

Calcification buildup causes washer fluid to leak out of the headlight cleaning washer jets.

### CORRECTION

Replace the windshield washer reservoir, filler channel and washer jets. Flush the system.

### PROCEDURE

1. Replace the washer fluid reservoir (including the filler pipe) as per ISTA/AIR repair instructions "6171061 Replacing washer fluid reservoir for windscreen washer system".
2. Remove both headlight washer nozzles per ISTA/AIR repair instructions. Do NOT install the replacement ones yet:
  - a. "6167122 Removing and installing/renewing right high-pressure nozzle of headlight cleaning system"
  - b. "6167120 Removing and installing/replacing left high-pressure nozzle of headlight cleaning system".
3. Fill the washer reservoir with about ½ gallon of water until it empties out completely.
4. Install both headlight washer nozzles per ISTA/AIR repair instructions:
  - a. "6167122 Removing and installing/renewing right high-pressure nozzle of headlight cleaning system"
  - b. "6167120 Removing and installing/replacing left high-pressure nozzle of headlight cleaning system".
5. Refill the system with washer cleaning fluid (5 liter capacity). Test the functionality of the headlight cleaning system and ensure that the nozzles do not leak.

## PARTS INFORMATION

Part Number	Description	Quantity
61 66 7 213 278	Filler pipe for wash container	1
61 66 7 255 827	Windshield washer reservoir	1
61 67 7 251 640	Spray nozzles (vehicles up to 4/14)	2
Or:		
61 67 7 357 001	Spray nozzle left (vehicles from 4/14)	1
61 67 7 357 002	Spray nozzle right (vehicles from 4/14)	1

### Bulk Materials

83 19 2 406 220	BMW WWS Cold Weather Concentrate 35% 55 Gal	As needed
83 19 2 361 205	BMW Windshield Washer Concentrate 1 Gal	As needed

## WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

<b>Defect Code:</b>	<b>61 67 02 48 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 71 061	Refer to KSD2	Replace the washer fluid reservoir for the window wash system (Main work)
And:		
61 67 624	Refer to KSD2	Removing and replacing both high-pressure water jets for headlight cleaning system

If you are using a Main labor code for another repair, use the Plus code labor operation 61 71 561 instead.

### Sublet – Bulk Materials

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<b>Sublet Code 4</b>	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials (BMW part number, please do not use the part number for claim submission)
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Sublet reimbursement calculation for claiming the “used quantities” of repair-related bulk materials (BMW part numbers) is at dealer net plus your center’s handling.

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

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