



## 8HP: TRANSMISSION FLUID LOSS FROM COOLER LINES CONNECTIONS

### MODEL

E84 (X1)	E89 (Z4)	F22 (2 Series Coupe)	F23 (2 Series Convertible)
F30 (3 Series Sedan)	F31 (3 Series Sports Wagon)	F32 (4 Series Coupe)	F33 (4 Series Convertible)
F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)		

With the N20, N26, or N55 engine and 8HP transmission

### SITUATION

There is a transmission fluid leak in the area around the oil cooler lines (on the transmission side).

### CAUSE

Damaged O-rings due to unfavorable cooling line connection tolerances

**UPDATE!**

### PROCEDURE

Verify that the transmission fluid leak originates from the cooling lines area.

If so, replace the O-rings and the cooling lines.

Only replacing the O-rings may result with a repeat failure.

**UPDATE!**

### PARTS INFORMATION

Refer to the current version of ETK for the appropriate cooling lines and O-ring part numbers.

And:

#### Bulk Materials

Part Number	Description	Quantity
83 22 2 152 426	Transmission fluid (20 liters)	1 liter
Or:		

83 22 2 289 720	Transmission fluid (1 liter)	1 liter
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**UPDATE!** **WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

<b>Defect Code:</b>	<b>1722114800</b>
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**Vehicles with xDrive (AWD)**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
22 11 110	Refer to KSD2	Removing/replacing left engine support arm (Main work)
Or:		
22 11 610	Refer to KSD2	Removing/replacing left engine support arm (Plus work)
And		
26 20 500	Refer to KSD2	Removing and installing front driveshaft
And:		
17 99 000	12 FRU	Work time for replacing transmission oil cooler lines
And:		
00 11 500	Refer to KSD2	Checking/ topping up automatic transmission fluid (includes connecting an approved battery charger/power supply and performing a vehicle test)

If you are using a Main labor code for another repair, use the Plus code labor operation 22 11 610 instead.

**xDrive (AWD) Vehicles:** Work time labor operation code 17 99 000 is not considered a Main labor operation. Also, since the "work time" FRU allowance to be claimed is specified, a separate punch time is not required.

Or:

**Vehicles without xDrive (RWD only)**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
17 99 000	15 FRU	Work time for replacing transmission oil cooler lines (Main work)
Or:		
17 99 000	12 FRU	Work time for replacing transmission oil cooler lines (Plus work)
And:		
00 11 500	Refer to KSD2	Checking/ topping up automatic transmission fluid (includes connecting an approved battery charger/power supply and performing a vehicle test)

**Non-xDrive (RWD) Vehicles:** Since the “work time” FRU allowance to be claimed for labor operation code 17 99 000 (Main or Plus) is specified, a separate punch time is not required.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

And:

#### **Sublet – Bulk Materials**

<b>Sublet Code 4</b>	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials (BMW part number(s), please do not use the part numbers 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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