

43: Transmission, automatic, B8444S, TF-80SC AWD

XC90, 2007, B8444S, TF-80SC AWD, L.H.D

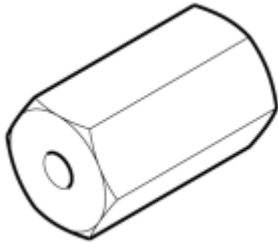
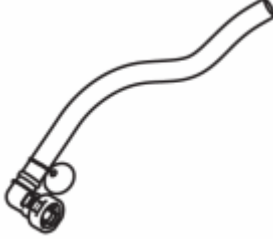
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**43: Transmission, automatic, B8444S, TF-80SC AWD**

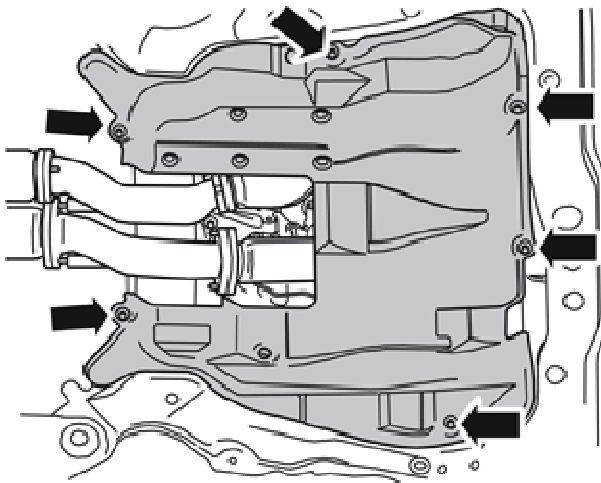
**Transmission fluid, changing**

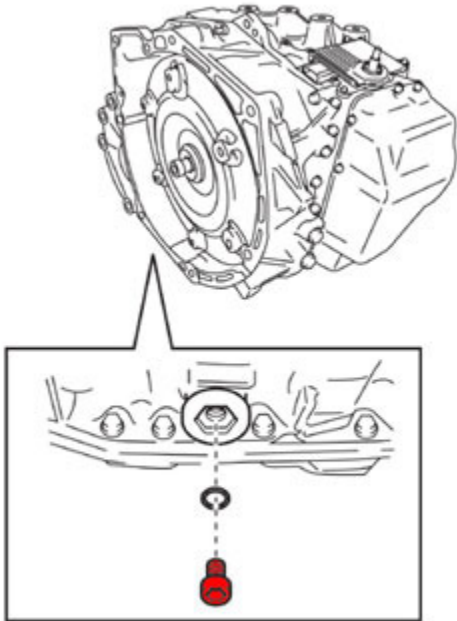
| <b>Special tools</b>   |   |
|--|---|
|   | <p><b>T9997278 WRENCH</b><br/> <b>Tool number:</b> T9997278<br/> <b>Tool description:</b> WRENCH<br/> <b>Tool boards:</b></p> |
|  | <p><b>T9997363 HOSE</b><br/> <b>Tool number:</b> T9997363<br/> <b>Tool description:</b> HOSE<br/> <b>Tool boards:</b></p>     |

**Note! Some variation may occur. However, the essential information in the illustrations is always correct.**

**Changing transmission fluid**

Remove the splash guard.

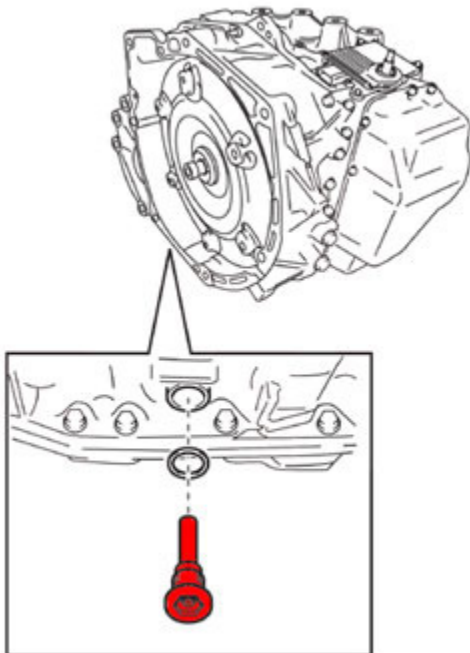




**Warning!** Avoid skin contact with the specified material.

**Warning!** Be prepared to collect escaping fluid.

Remove the integrated level plug (Torx 40).



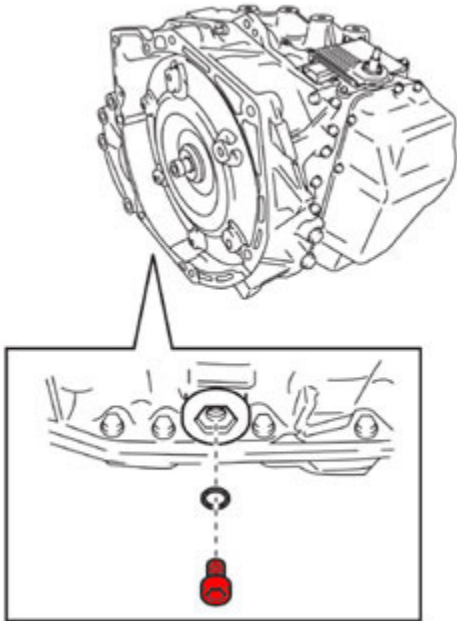
Remove the draining plug.

Drain the transmission fluid.

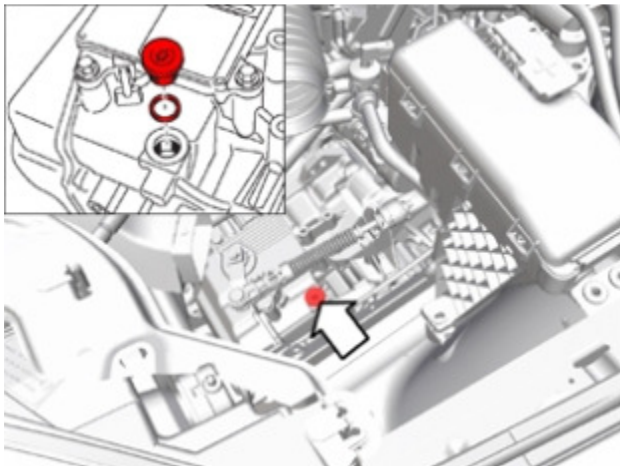
Install the drain plug. Use a new gasket, lubricate it with ATF oil. Tighten to Tightening torque

Special Tool: 999 7278

Install the level plug by hand, Reuse the O-ring.



Remove the air cleaner (ACL) housing



**Caution!** Make sure that tools and equipment are clean, free of foreign material and lubricant.

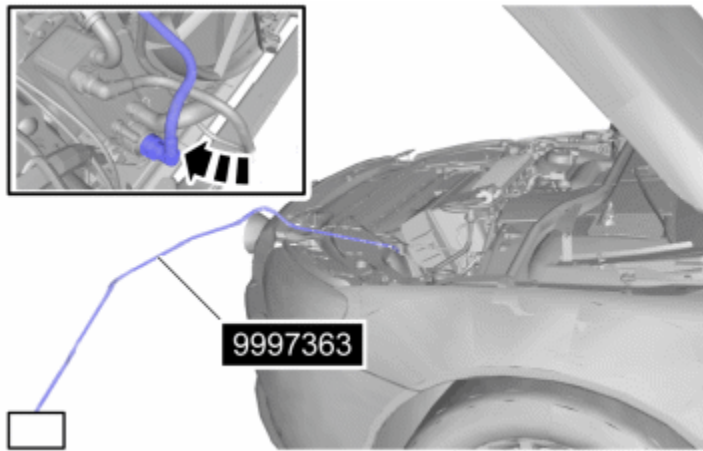
Remove the filler plug (Torx 55).

Lower a filler nozzle or a hose with funnel into the filler hole.

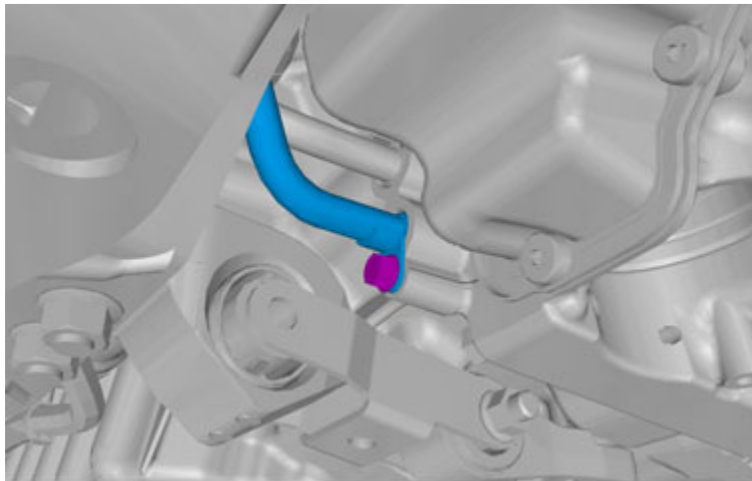
Install the air cleaner (ACL) housing.

**Warning!** Be prepared to collect escaping fluid.

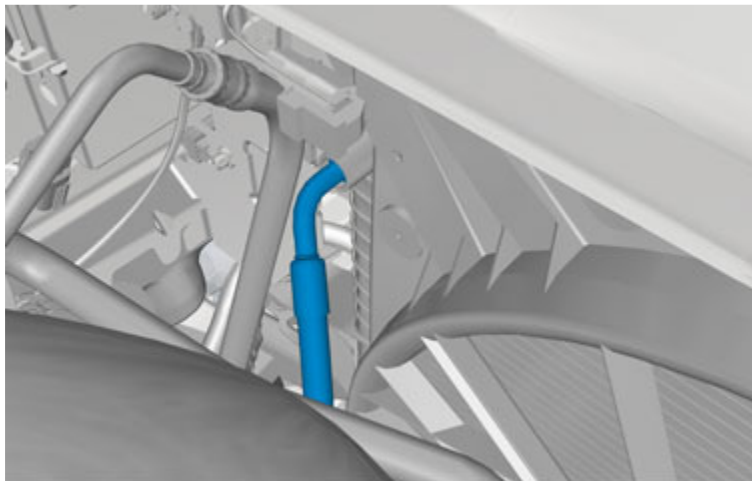
Special Tool: 999 7363



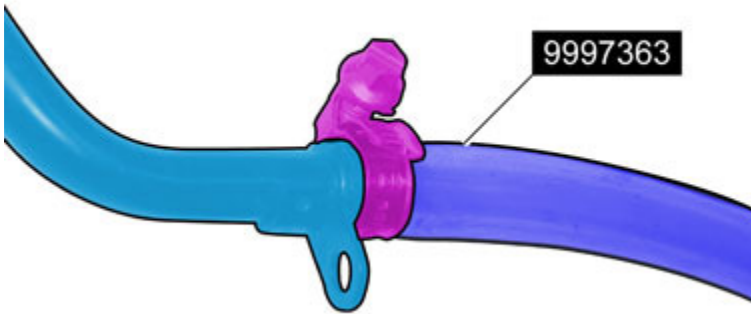
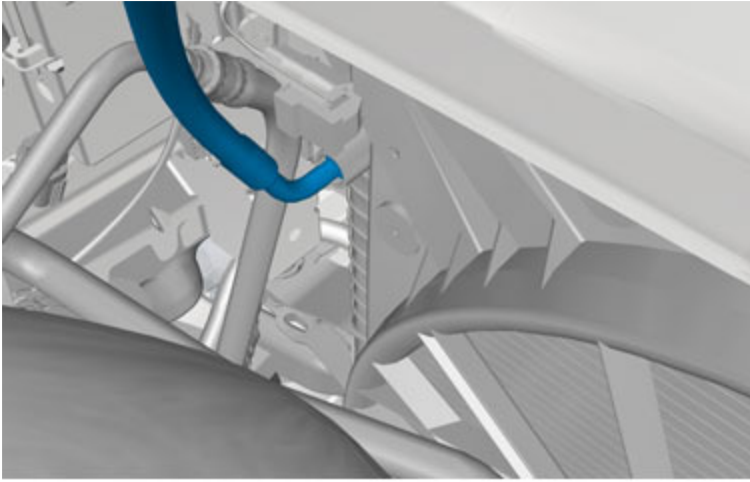
Remove the oil cooler's return line from the transmission.



Remove the oil cooler's return line from the oil cooler.



Install the return line on the oil cooler as shown.



Install hose on the return line with a hose clamp.

Special Tool: 999 7363

**Caution!** The plastic hose is quite hard. Tighten the hose clamp hard to avoid leakage in the connection.

**Warning!** Be prepared to collect escaping fluid.

Fill with 4l of oil. Use transmission fluid.

Refer to: Lubrication transmission

Apply the parking brake. Move the gear selector lever to position P.

Start and run the engine at idle.

Shift through all the positions between P and

D on the gear selector.  
Stop for 2 seconds per  
position. Switch off  
when air bubbles are  
visible in the hose.

Fill with 2 liters of oil.  
Start the engine again  
and allow it to idle.  
Switch off when air  
bubbles are visible in  
the hose.

Fill with 2 liters of oil  
again. Start the engine  
and allow it to idle.  
Switch off when air  
bubbles are visible in  
the hose.

Install return hose to  
transmission and oil  
cooler.

Remove the integrated  
level plug.

Top up with oil until it  
starts to run out of the  
transmission.

Install the level plug by  
hand.

Check the oil level. Oil  
level, checking

Reset the counter when  
replacing the  
transmission.

Refer to: Resetting the

counter for  
Transmission oil,  
change

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