

PUBLISHED: 11-MAY-2011
2007.0 FREELANDER 2, 307-01


AUTOMATIC TRANSMISSION/TRANSAXLE

TRANSMISSION FLUID DRAIN AND REFILL - I6 3.2L PETROL

(G899293)

GENERAL PROCEDURES

44.24.02	LUBRICATION SYSTEM - DRAIN AND REFILL	SI6	0.9	USED WITHINS	
----------	--	-----	-----	-----------------	--

 **WARNING:**

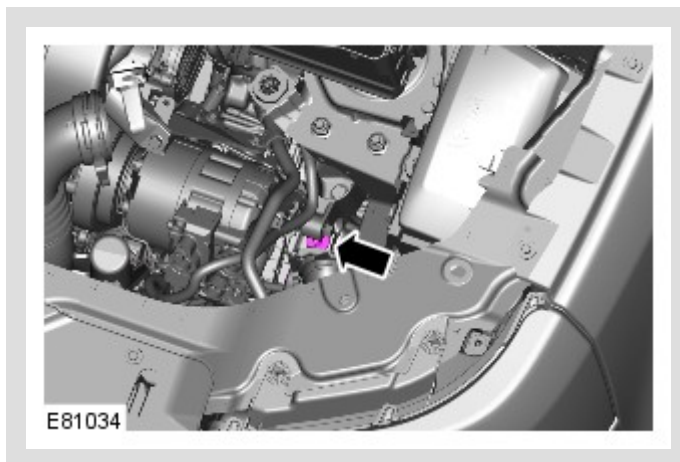
Observe due care when draining, as the fluid can be very hot.

1.

Ensure that the automatic transmission is in 'P' and the handbrake is fully applied.
2.

Remove the air cleaner housing.
Refer to: [Air Cleaner](#) (303-12B Intake Air Distribution and Filtering - TD4 2.2L Diesel, Removal and Installation).
3.

Clean the area around the transmission fluid filler plug.
4.



Remove the transmission fluid filler plug.

5.



WARNING:

Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.



NOTE:

Make sure that the vehicle is standing on a level surface.

Raise and support the vehicle.

6.

Remove the front undershield.

Refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).

7.

Clean the area around the transmission fluid level and drain plugs.

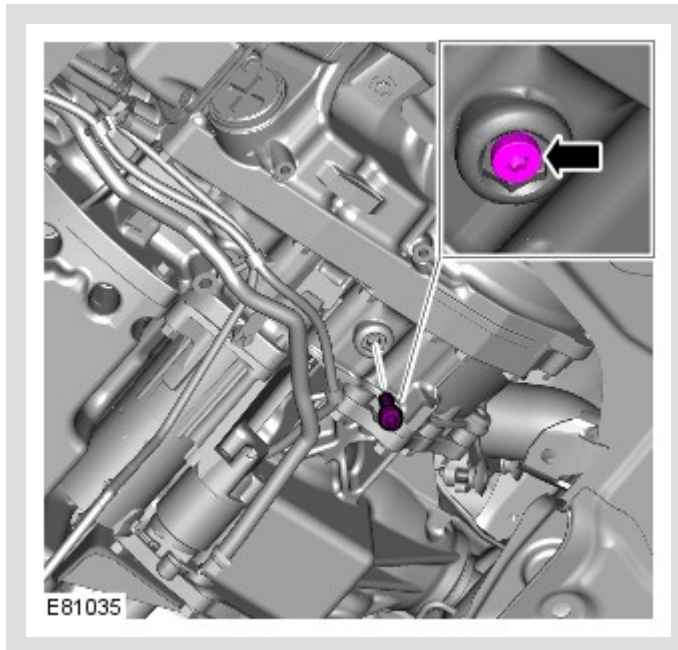
8.

Place a container under the transmission.

9.

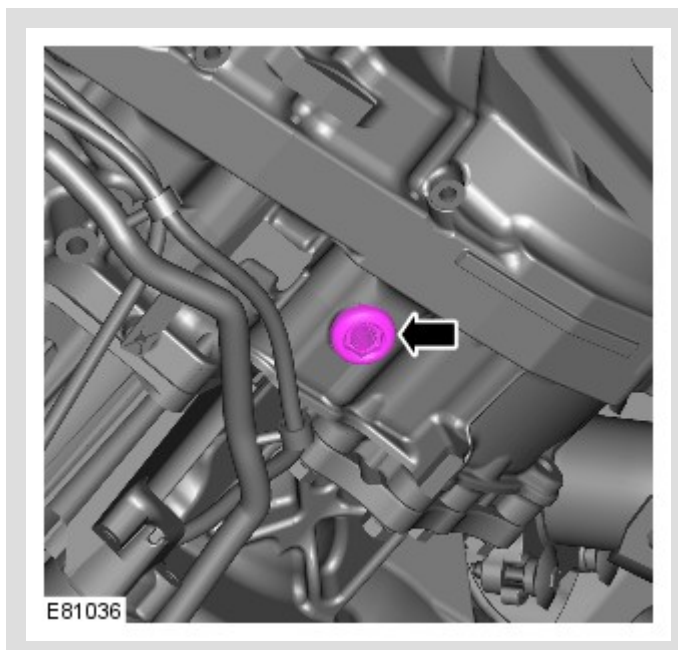
**NOTE:**

The fluid level plug and drain plug both use the same point on the transmission. The inner plug is for level indication and the outer plug is to drain the fluid.



Remove the transmission fluid level plug.

10.



Remove the transmission fluid drain plug.

11.

**NOTE:**

Install a new gasket.

Install the transmission fluid drain plug.

Torque: 47 Nm

12. Lower the vehicle.

13. Fill the transmission with the correct fluid until it runs from the level plug.

14. Install the transmission fluid level plug.

Torque: 7 Nm

15. Add an additional 0.5 litres of transmission fluid.

16.

**CAUTION:**

A new O-ring seal is to be installed.

Install the transmission fluid filler plug.

Torque: 40 Nm

17. Install the air cleaner housing.

Refer to: [Air Cleaner](#) (303-12B Intake Air Distribution and Filtering - TD4 2.2L Diesel, Removal and Installation).

18. Connect the Land Rover approved diagnostic equipment. Start and run the engine.

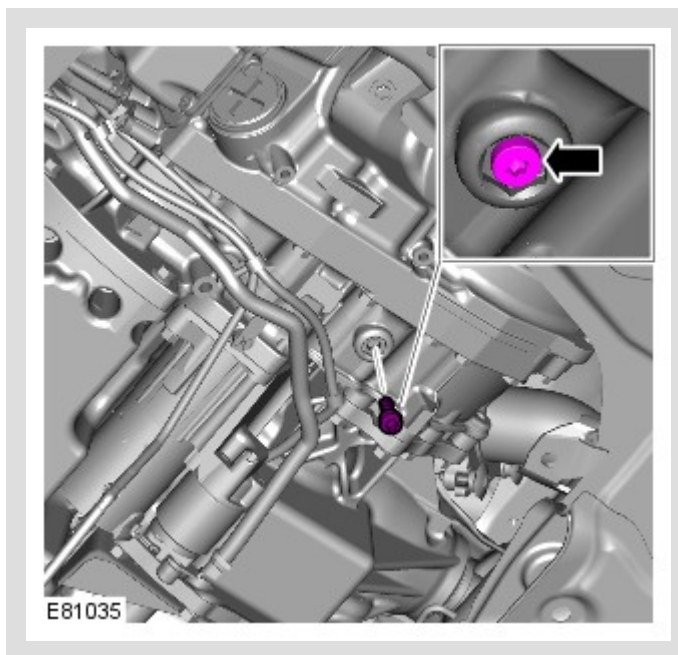
19. Using the diagnostic equipment to monitor the transmission fluid temperature, allow the temperature to reach 60 degrees C.

20. Move the selector lever from 'P' through all the gear positions, pausing in each gear position for 2-3 seconds and return to the 'P' position.

21. Raise the vehicle.

22.  **WARNING:**

Wear protective gloves.



Remove the transmission fluid level plug.

23. With the engine running a small amount of fluid should drip out of the level plug.

24.  **CAUTION:**

A new O-ring seal is to be installed.

Install the transmission fluid level plug.

Torque: 7 Nm

25. Install the front undershield.

Refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).