

### Transmission Fluid Auxiliary Pump

#### Removal

1. **NOTE:** It is not necessary to remove the transmission fluid filter to remove the transmission fluid auxiliary pump.

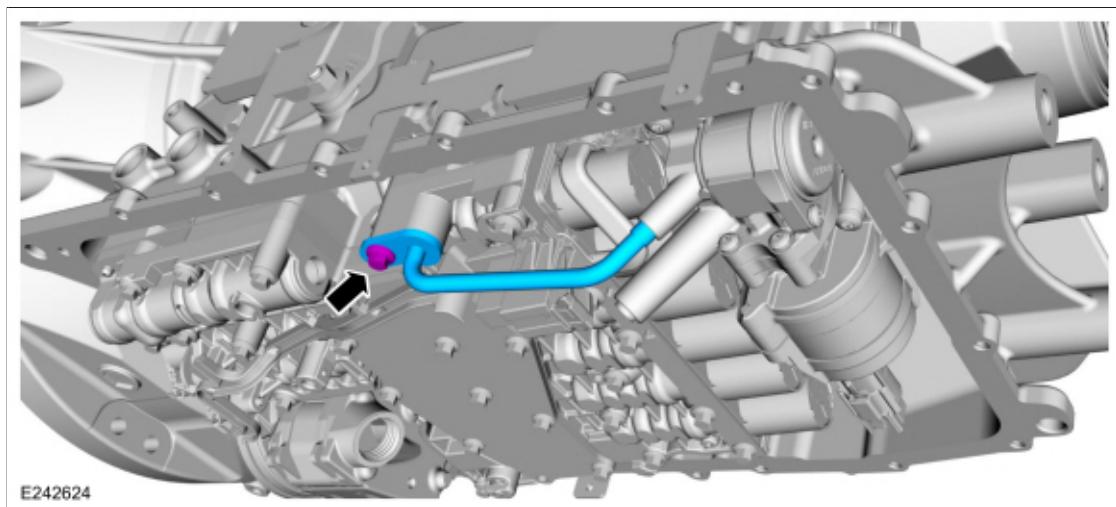
Remove the transmission fluid pan and gasket.

Refer to: [Transmission Fluid Pan, Gasket and Filter](#) (307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80, Removal and Installation).

Refer to: Transmission Fluid Pan, Gasket and Filter - Raptor (307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80).

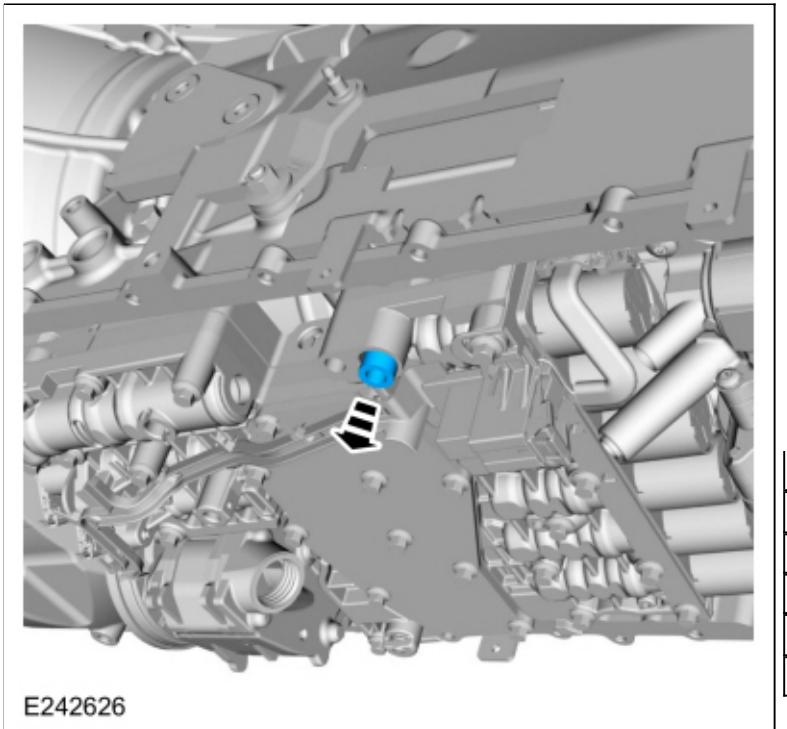
Refer to: Transmission Fluid Pan, Gasket and Filter - 3.0L Power Stroke Diesel (307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80).

2. Remove the bolt and the transmission fluid auxiliary pump tube.

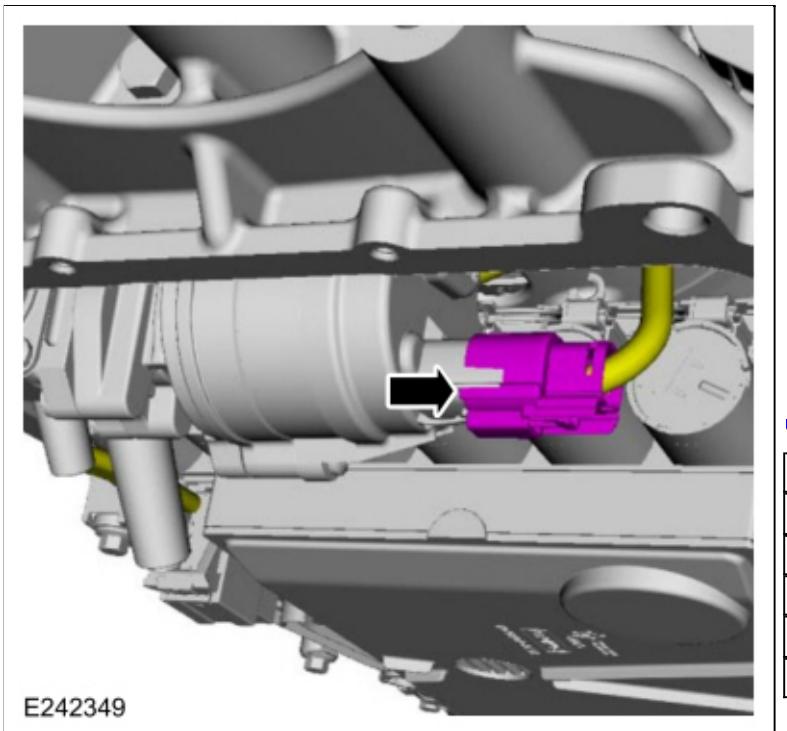


3. Remove the transmission fluid auxiliary pump tube seal.





4. Disconnect the transmission fluid auxiliary pump.

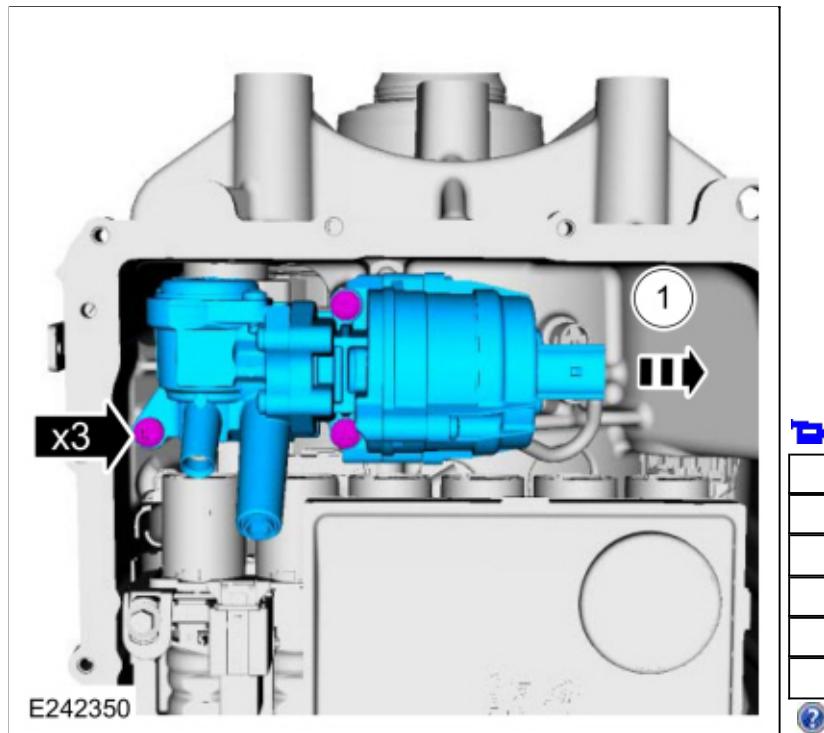


5. **NOTE:** A short 1/4" drive T-30 socket is required to remove the rear pump bolt.

**NOTE:** The fluid auxiliary pump may need to be removed from the RH side of the vehicle to clear the exhaust system and fluid filter.

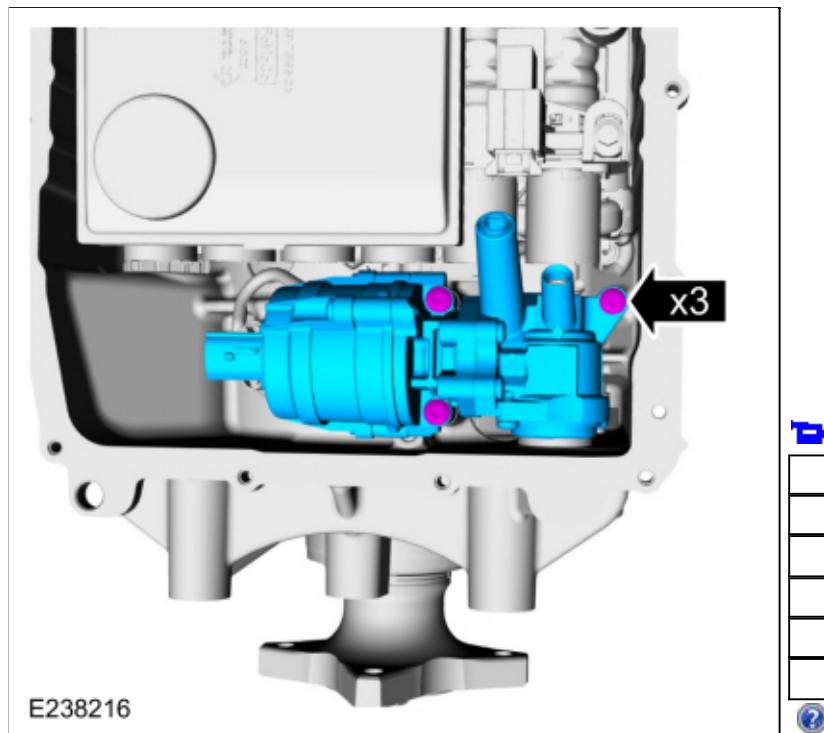
Remove the bolts and the transmission fluid auxiliary pump.

1. If necessary, remove the fluid auxiliary pump towards the RH side.

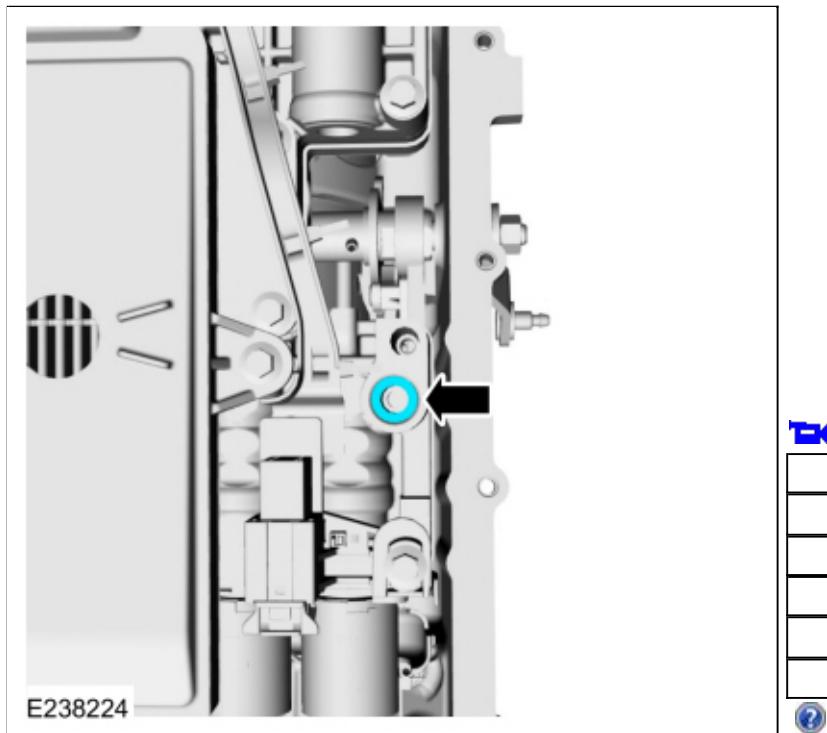


## Installation

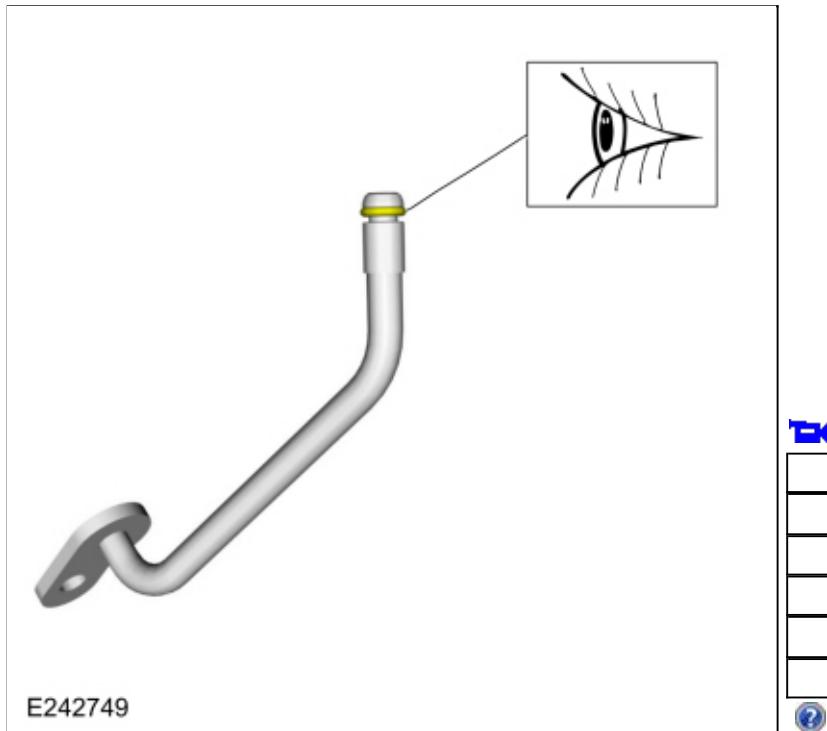
1. Install the transmission fluid auxiliary pump and loosely install the bolts.



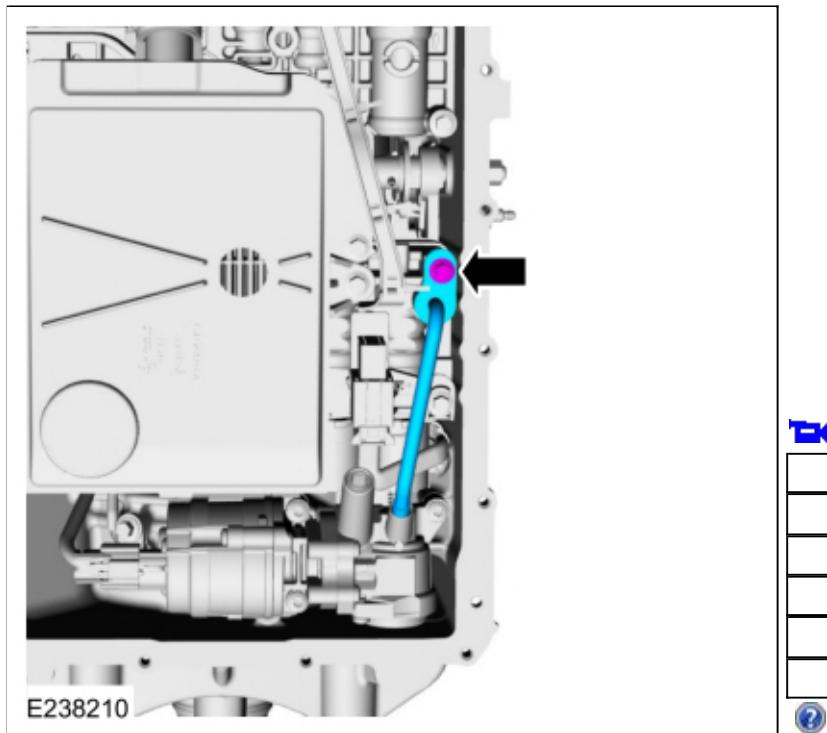
2. Install the transmission fluid auxiliary pump tube seal.



3. Inspect the transmission fluid auxiliary pump tube O-ring.

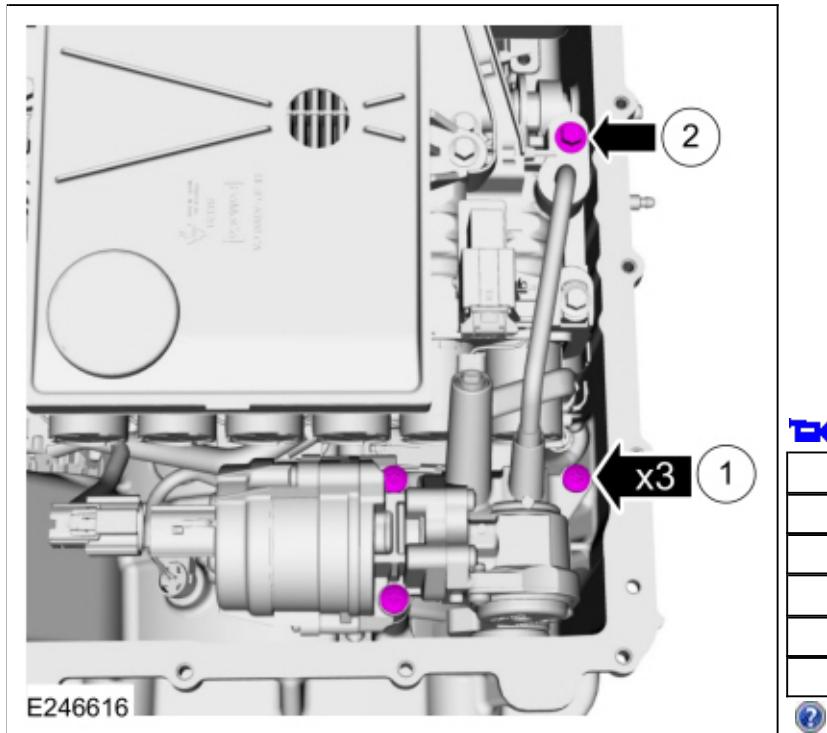


4. Install the transmission fluid auxiliary pump tube and loosely install the bolt.

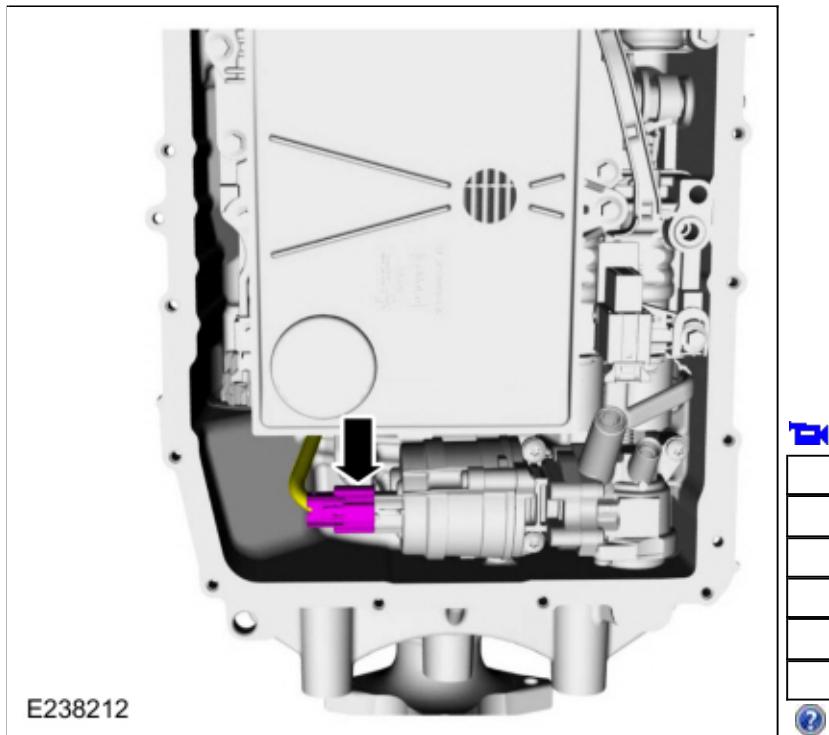


5.

1. Transmission fluid auxiliary pump bolts  
*Torque: 97 lb.in (11 Nm)*
2. Transmission fluid auxiliary pump tube bolt  
*Torque: 106 lb.in (12 Nm)*



6. Connect the transmission fluid auxiliary pump electrical connector.



7. Install the transmission fluid pan and gasket.

Refer to: [Transmission Fluid Pan, Gasket and Filter](#) (307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80, Removal and Installation).

Refer to: [Transmission Fluid Pan, Gasket and Filter - Raptor](#) (307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80).

Refer to: [Transmission Fluid Pan, Gasket and Filter - 3.0L Power Stroke Diesel](#) (307-01 Automatic Transmission - 10-Speed Automatic Transmission - 10R80).

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