

Transmission Fluid Level Check

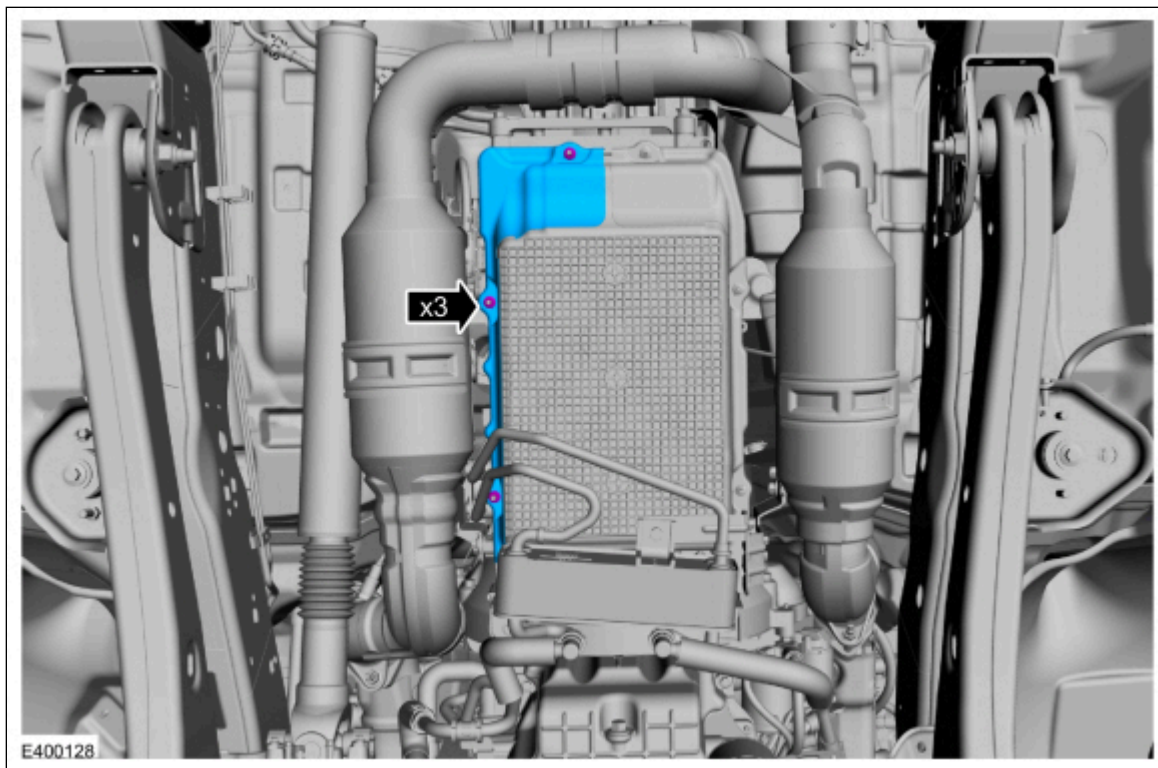


Check

NOTE: If the vehicle has been operated for an extended period at high highway speeds, in city traffic, during hot weather or while pulling a trailer, the transmission fluid must cool down to obtain an accurate reading.

NOTE: The correct transmission fluid level is even with the bottom of the fluid leveling hole with the transmission fluid temperature between 96°C (206°F) to 101°C (215°F).

1. Connect the diagnostic scan tool and position the vehicle on a hoist.
Refer to: [Jacking and Lifting - Overview](#) (100-02 Jacking and Lifting, Description and Operation).
2. Remove the nuts and the LH heat shield.



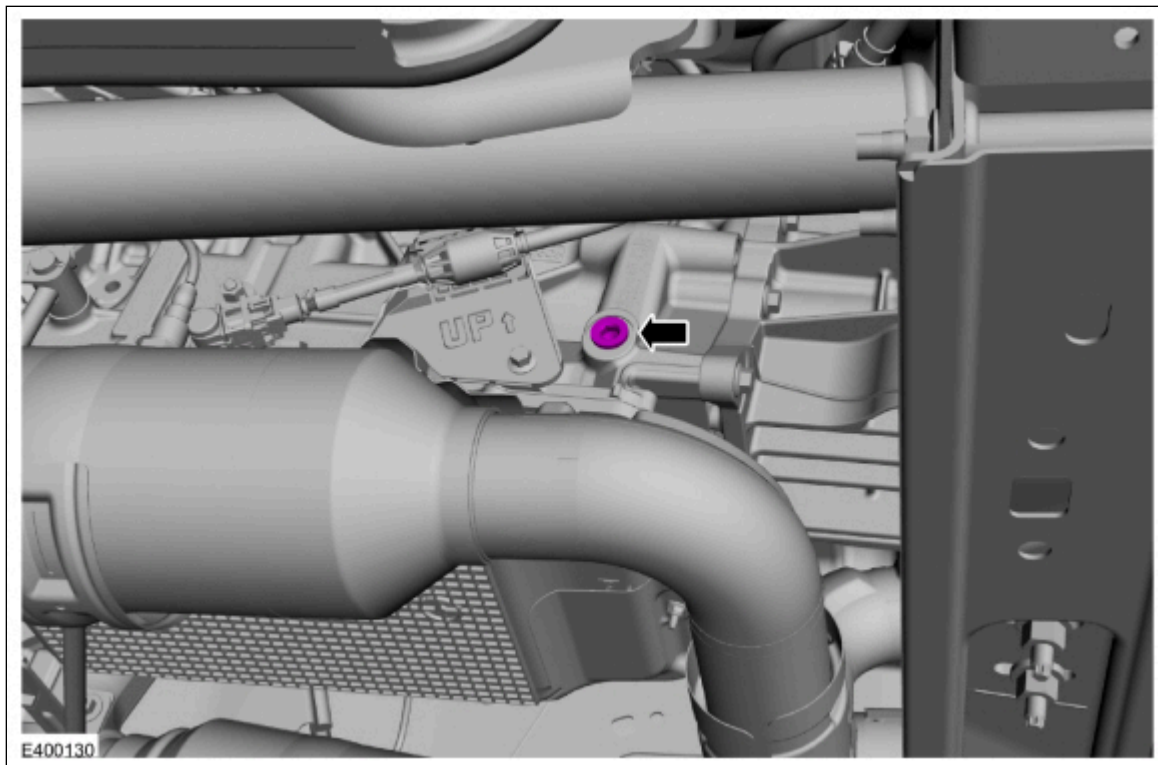
3.
 1. Start the engine.
 2. Place the selector lever in each gear position, holding approximately 3 seconds in each position. Place the selector lever in PARK and allow the engine to idle at 600-750 rpm.



4.

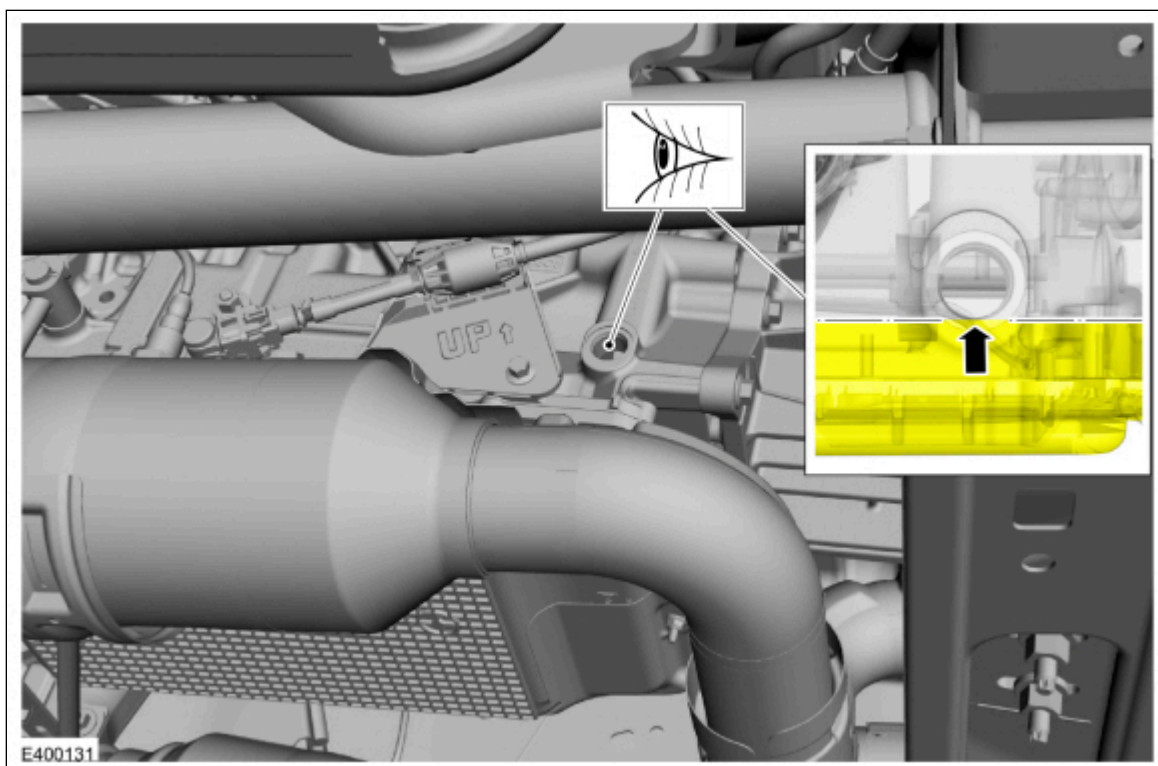
NOTE: The transmission plug on the RH front of the transmission case is not used for servicing the transmission.

Remove the transmission fluid leveling plug.



NOTE: The correct transmission fluid level is even with the bottom of the fluid leveling hole with the transmission fluid temperature between 96°C (206°F) to 101°C (215°F).

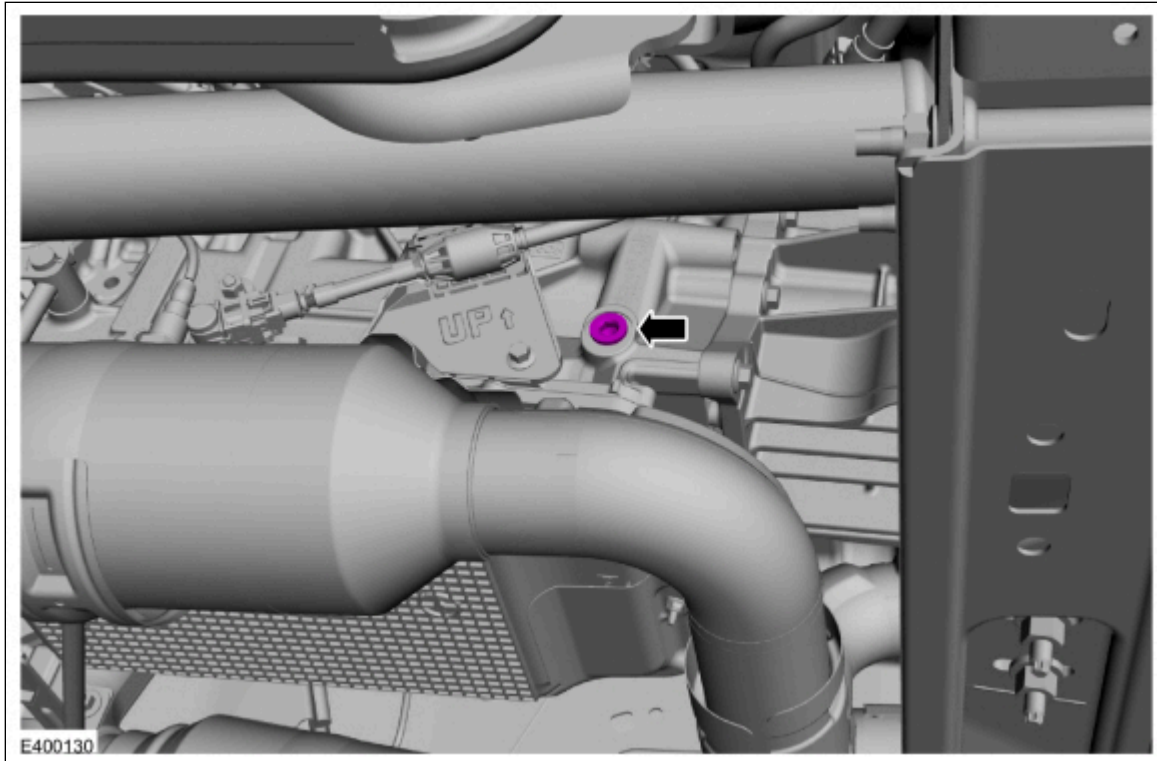
With the vehicle on a level hoist, the engine running in PARK, verify the transmission fluid temperature is between 96°C (206°F) to 101°C (215°F) and the transmission fluid is even with the bottom of the fluid leveling hole.



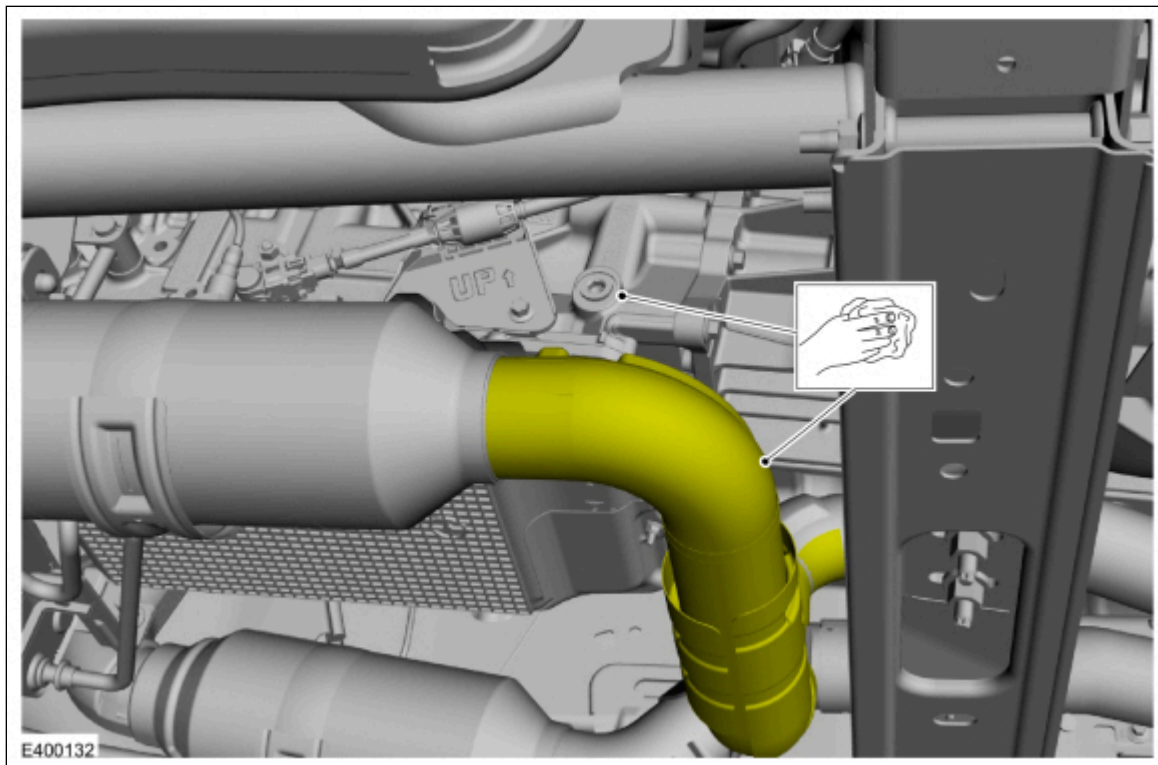
6. If the transmission fluid is not at the correct level, follow the steps for adding transmission fluid.
Refer to: [Transmission Fluid Drain and Refill](#) (307-01A Automatic Transmission - 10-Speed Automatic Transmission - 10R100, General Procedures).



7. Install the transmission fluid leveling plug.
Torque: 30 lb.ft (40 Nm)



8. Clean the transmission fluid from the exhaust system.



9. Install the LH heat shield and the nuts.
Torque: 80 lb.in (9 Nm)

