

Transmission Fluid Level Check

Check

NOTICE: The vehicle should not be driven if the transmission fluid level is low. Internal failure could result.

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.

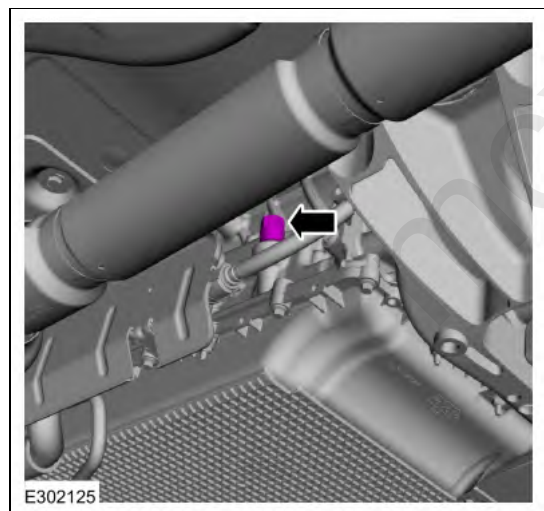
NOTE: If a new transmission fluid cooler or new fluid cooler tubes have been installed, drive the vehicle to warm the transmission fluid to 96Â°C-101Â°C (206Â°F-215Â°F) in order to purge the air from the transmission fluid cooling system.

NOTE: The engine must be running continuously while the transmission fluid check is in progress.

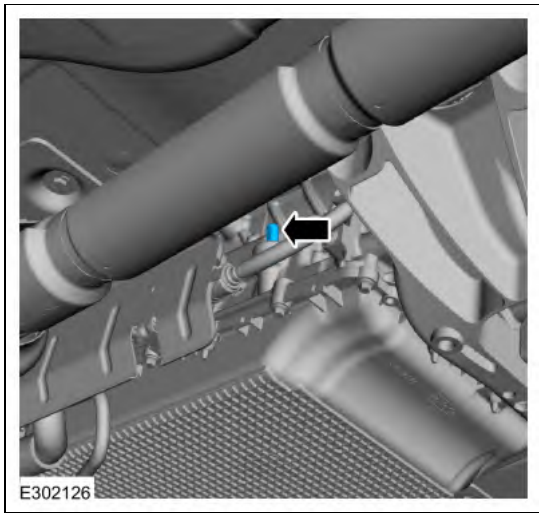
1. Connect the diagnostic scan tool and position the vehicle on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. With the engine running, place the transmission selector lever in each gear position, holding approximately 5 seconds in each position. Place the transmission selector lever in PARK.
3. Follow the steps below to enter the engine running diagnostic mode:
 1. Place the vehicle in PARK.
 2. Push the start button to enter the accessory mode.
 3. Press the brake pedal and accelerator pedal together for 5 seconds.
 4. Steps 5 & 6 should be performed within 15 seconds after completing Step 3.
 5. Release both the accelerator and brake pedals.
 6. Press the brake pedal and push the start button so that the vehicle is in drivable state.
 7. Press the brake pedal and accelerator pedal together for 5 seconds.
8. **NOTE:** The *READY TO DRIVE* or *DRIVE* symbol should be flashing on the instrument cluster at a regular interval when the Engine Running diagnostic mode is active.

When this sequence is complete, the vehicle enters the diagnostic mode and the engine should remain running continuously.

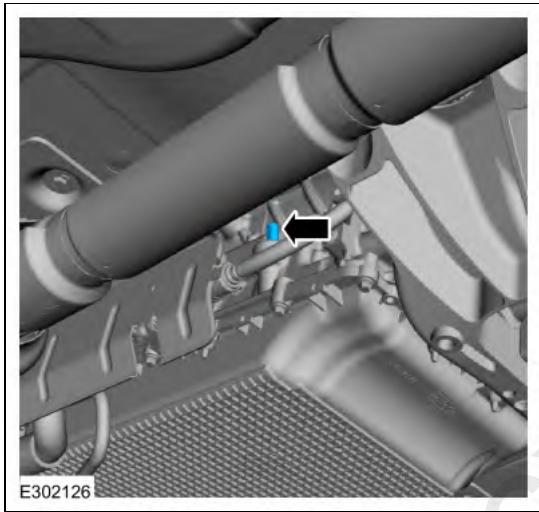
4. Remove the transmission fluid fill plug.



5. Remove the transmission fluid level indicator from the transmission.



Check the transmission fluid level using the transmission fluid level indicator.



7. **NOTE:** The transmission fluid level indicator uses 1 through 6 to indicate the fluid level. The different numbers are for different vehicle models. Use the area between 1 and 2 when checking the transmission fluid level. The correct transmission fluid level is between 1 and 2 on the transmission fluid level indicator.

NOTE: Do not overfill the transmission.

Using the scan tool verify the transmission fluid temperature is between 96°C - 101°C (206°F - 215°F). The transmission fluid level must be between 1 and 2 on the transmission fluid level indicator.

