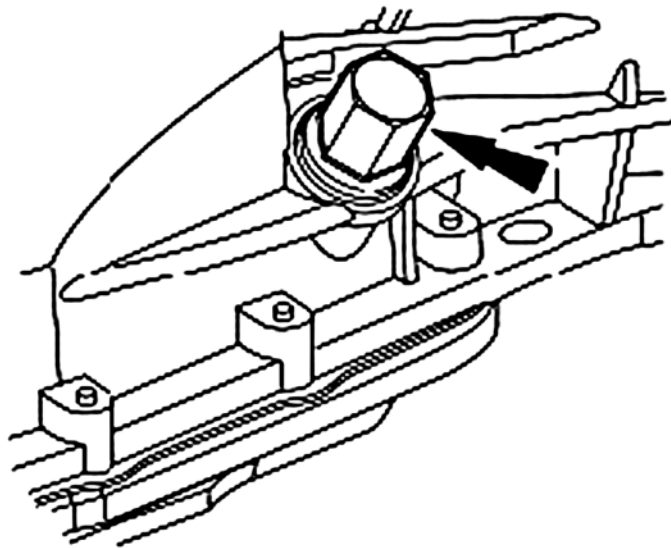




6R80: Transmission Fluid Level Check

The 6R80 is a 6-speed, rear wheel drive transmission that generally appears in F150 pickups and similar vehicles. It doesn't have a long transmission dipstick like many other transmissions; instead, it has a short dipstick that fits into the fill cap on the side of the transmission case.



To check the fluid level, you'll need to connect a scan tool that's capable of displaying transmission fluid temperature.

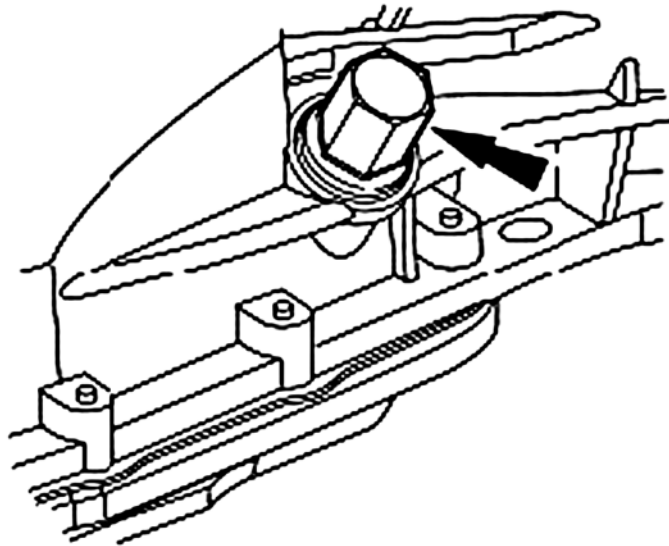
Follow these steps to check the fluid level:

- Connect your scan tool to the diagnostic link connector (DLC) and set it to read transmission fluid temperature.
- Set the vehicle on a lift; you'll need to have the vehicle level to get a proper reading.
- Start the engine and let the transmission warm up to between 175°F and 185°F (80°C to 85°C).
- Slowly run the transmission through the gear ranges. This allows the fluid to fill the clutch packs and passages within the transmission.

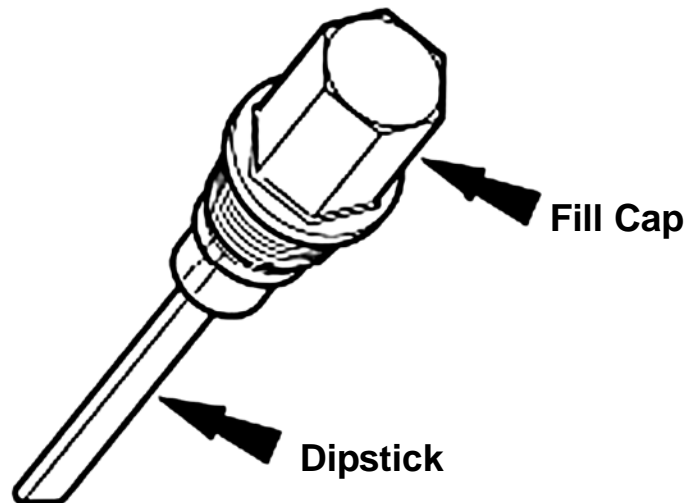
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Technical Service Bulletin (continued)

- Put the transmission in park, engine idling.
- Remove the fill cap from the transmission.



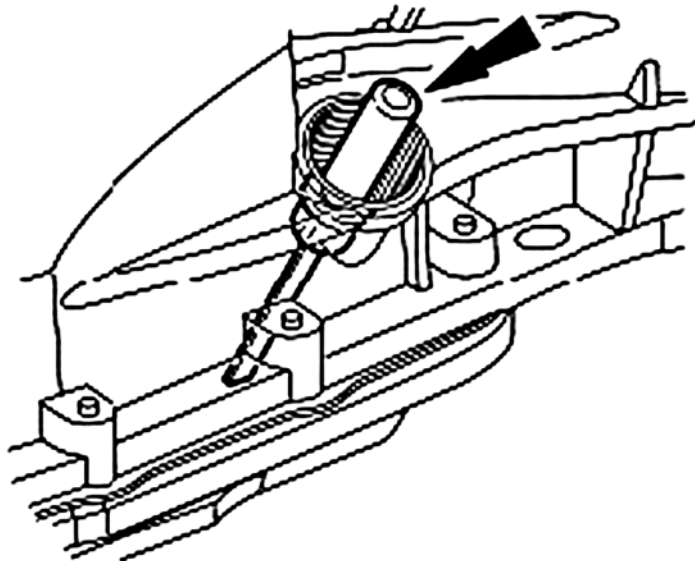
- Remove the dipstick from the fill cap.



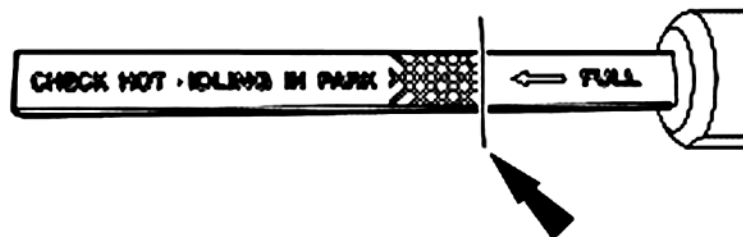
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Technical Service Bulletin (continued)

- Wipe off the dipstick, and slide it down into the transmission as shown.



- Remove the dipstick and read the level.



- If the fluid is low, add the appropriate fluid to the fill opening. You may have to run the transmission through the gears again to get a stable reading.
- Recheck until the level is correct.
- Reinsert the dipstick into the fill cap.
- Reinstall the fill cap.

That's all there is to it; the transmission fluid is full.