



### 4T40E/4T45E Fluid Level Check

GM has been using the 4-speed, front wheel drive 4T40E and 4T45E since 1995 through 2010. Many of these units don't include a dipstick for checking the transmission fluid level. Here's how to check the transmission fluid level on these units:

1. The transmission must be cold — below 104°F (40°C) before you begin.
2. Connect your scan tool to the diagnostic link connector (DLC) and set it to read the transmission temperature.
3. Raise the car on a lift; the car must be level while on the lift.
4. Remove the oil level control plug on the transmission.
5. Start the engine.
6. Run the transmission slowly through the manual ranges to let all the clutches and passages fill. Then put it in park.
7. Let the transmission warm up; monitor the temperature on your scan tool.
8. When the transmission temperature reaches 104°F (40°C), fluid should begin to drip out of the oil level control passage.
9. If not, add the proper fluid through the vent cap at the top of the transmission.

- You may have to run the transmission through the ranges again to be sure all the clutches and passages are full.
- Once the transmission is full, shut the engine off.
- Reinstall the oil level control plug.

That's all there is to it: The transmission fluid is at the properly operating level.

