



### 6L80/6L90 Fluid Level Check

GM's 6L80 and 6L90 are 6-speed, rear wheel drive transmissions that don't have a dipstick for checking the fluid level. Instead, they have a level control plug in the bottom of the pan.

To check the fluid level:

- The vehicle must be parked on level ground.
- The transmission fluid temperature must be between 85°F and 120°F (30° to 50°C). Use a scan tool, driver information center display, or the transmission gauge to monitor the fluid level.

Once the engine reaches the proper temperature range:

- Engine idling.
- Shift the transmission gearshift through each range, slowly, to give the fluid a chance to fill all the passages and clutches inside the unit.
- Put the transmission in park.
- Remove the level control plug from the center of the drain plug.

If the transmission is full, fluid should drip from the level control plug hole. If not, remove the fill plug and add Shift-Rite SLV or Dexron IV until the fluid just begins to drip from the hole.

If the fluid runs out in a stream, the transmission is overfull. Let it run out until it just drips from the level control plug hole.

Once the fluid level is full, reinstall the level control plug and fill plug.

