

Technical Service Bulletin

Bulletin #: 0056Manufacturer: BMW

Vehicle: 1990–2001 without a Dipstick

Service: Transmission Service

4L30E Transmission Fluid Level Check

Some rear wheel drive BMWs come with a 4L30E transmission. These units don't include a dipstick for checking the fluid level. To check the fluid level, follow these simple steps:

- 1. Connect your scan tool to the diagnostic link connector (DLC).
- 2. Set it to display the transmission fluid temperature.
- 3. Drive the vehicle until the transmission fluid just reaches normal operating temperature; 180°F to 200°F (82°C to 93°C).
- 4. With the engine running, remove the fill plug.
 - Fluid should begin to dribble from the fill plug opening. If so, the fluid is full; reinstall the plug.
 - If no fluid runs out, add oil to the opening the same way you would fill a manual transmission. Add fluid until the fluid begins to dribble out of the opening.
- 5. Reinstall the fill plug.



