

GM 4L60 / 65 / 70 INSTALL

WARNING: DO NOT operate vehicle without installing a new transmission oil cooler. We recommend installing a Hayden 1403 or 1404. Bypass the radiator and install the new cooler.

Your transmission will suffer catastrophic damage if not grounded to the chassis properly.

Pre-Installation: (10-12 quarts of OEM approved fluid will be needed)

Prior to install, you must determine the previous cause of failure.

- Be sure to check for a damaged/busted trans cooler or coolant/water contamination. Transmission contamination and/or cooler failure is a primary cause of failure for this type of transmission.
- Scan and record any codes.

DO NOT take any chances. Go ahead and replace the cooler and/or radiator now. Flushing the cooler will not guarantee a quality install. Replace the cooler in order to validate your warranty.

1. Fill the torque converter with 1-2 quarts of fluid and engage properly into the pump. Fill the transmission with fluid after it has been mounted in the vehicle.
2. Once mounted, turn the TC clock-wise, by hand, as you push it into the transmission. The forward drum will engage first. You may feel it clunk as it engages.
3. Continue to turn and push. The pump stator shaft will engage next.
4. Then the converter hub will engage into the pump gears. You may feel another clunk.
5. To confirm proper engagement, you should have approximately $\frac{3}{4}$ of an inch clearance between the front of the bell housing and the back of the TC Hub.
6. Be sure the TC stays in this position as you mate it to the engine.

WARNING: If the TC isn't seated into the pump gears, this will cause the TC to crush/damage pump gears when the transmission is seated against the engine and TC bolted to flex-plate. This damage is very obvious when the failed unit is inspected.