

Transfer Case: Procedures

Power Transfer Unit (PTU) Draining and Filling

Material	
Item	Specification
Motorcraft SAE 75W-140 Synthetic Rear Axle Lubricant XY-75W140-QL (US); CXY-75W140-1L (Canada) (vehicles with the trailer towing option or 4:10 ratio)	WSL-M2C192-A
Thread Sealant with PTFE TA-24	WSK-M2G350-A2

Material

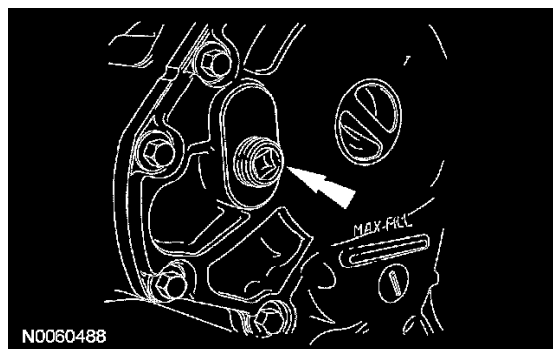
CAUTION: New power transfer unit (PTU) lubricant must be installed any time the PTU has been submerged in water.

NOTE: The PTU is lubricated for life. It is not to be drained unless a leak is suspected or a repair is necessary. To drain the PTU fluid, the PTU must be removed from the vehicle.

NOTE: Fill level checks are done in-vehicle only. Let the vehicle sit **10 minutes** after the road test before checking the fluid level.

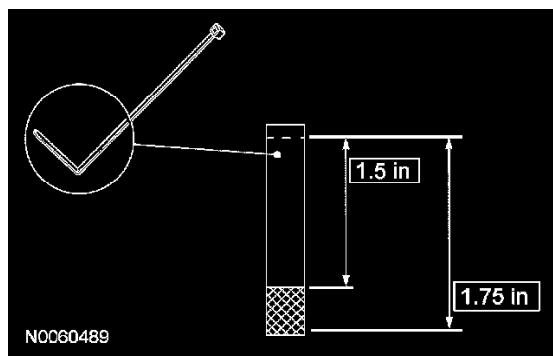
1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Maintenance/Service and Repair.
2. **NOTE:** Clean the area around the fill plug before removing.

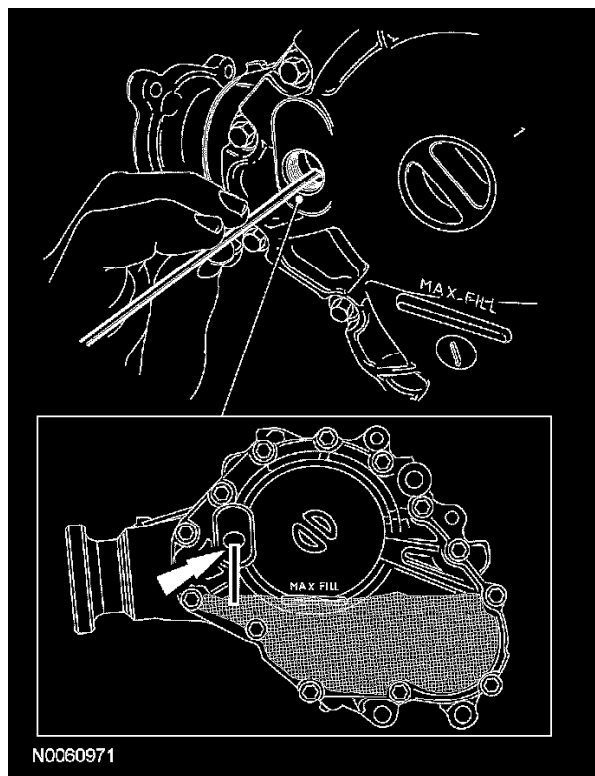
Remove the fill plug.



3. Using a tie strap, measure **44.5 mm (1.75 inch)** from the end and bend it at a **90-degree** angle, measure from the end up to **38.1 mm (1.5 inch)** and place an index mark. Place it in the filler opening and check the fluid. The correct fluid level will be **between the bottom of the dipstick and the 38.1 mm (1.5 inch) maximum fill mark.**

- ^ Adjust the fluid level as necessary. Slowly add fluid in to the correct fill specification.
- ^ Do not overfill the PTU. This will cause the fluid to be forced out of the unit.





4. Apply thread sealant to the threads and install the fill plug.
^ Tighten to **20 Nm (15 ft. lbs)**.