

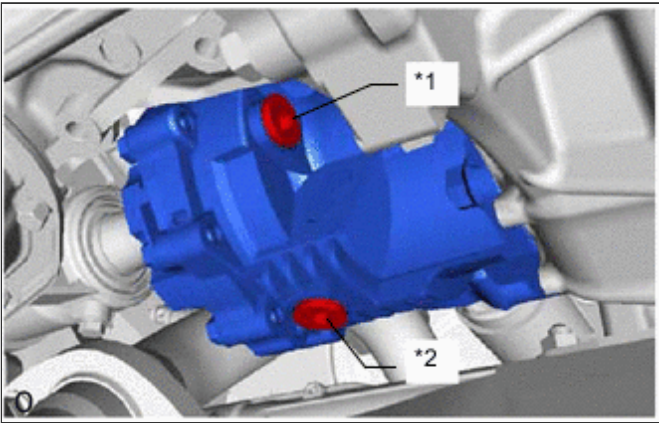
# TRANSFER OIL REPLACEMENT

## PROCEDURE

### 1. DRAIN TRANSFER OIL

- a. Stop the vehicle on a level surface.
- b. Using a 10 mm straight hexagon wrench and 10 x 12 mm long offset wrench, remove the No. 2 transfer case plug (for filler) and gasket.
- c. Using a 10 mm hexagon socket wrench, remove the transfer drain plug and gasket and drain the transfer oil.
- d. Using a 10 mm hexagon socket wrench, install a new gasket and the drain plug.

**Torque:**  
**39 N\*m { 398 kgf\*cm, 29 ft.\*lbf }**



*1	No. 2 Transfer Case Plug (for filler)
*2	Transfer Drain Plug

### 2. ADD TRANSFER OIL

- a. Using a 10 mm straight hexagon wrench and 10 x 12 mm long offset wrench, remove the No. 2 transfer case plug (for filler) and gasket.
- b. Add transfer oil.

**Oil grade**

**Toyota Genuine Differential gear oil LT API GL-5 or equivalent**

**Viscosity**

**SAE 75W-85**

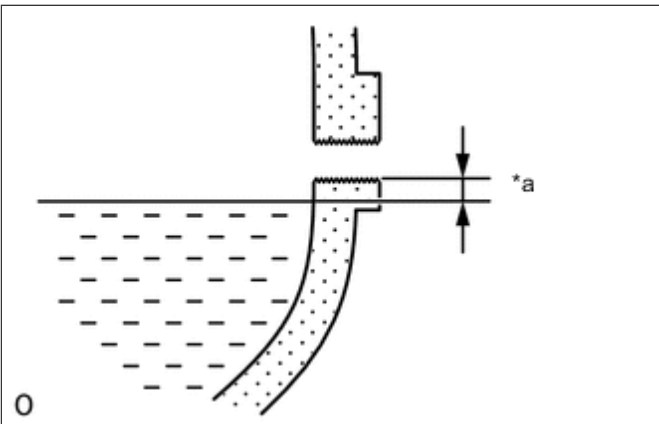
- c. Pour oil so that the oil level is between 0 to 5.0 mm (0 to 0.196 in.) from the bottom lip of the No. 2 transfer case plug (for filler) hole.

**Note**

- When adding oil, pour it slowly.
- Add oil a little at a time, waiting several minutes between each addition of oil.
- Too much or too little oil will lead to transfer problems.

**Standard Capacity**

**0.40 to 0.50 liters (0.43 to 0.52 US qts, 0.36 to 0.44 Imp.qts)**



*a	0 to 5.0 mm (0 to 0.196 in.)
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- d. Wait approximately 5 minutes and check that the oil level has not changed.

- e. Using a 10 mm straight hexagon wrench, 12 mm hexagon socket wrench and 10 x 12 mm long offset wrench, install a new gasket into the No. 2 transfer case plug (for filler) and then install the No. 2 transfer case plug (for filler).

**Torque:**

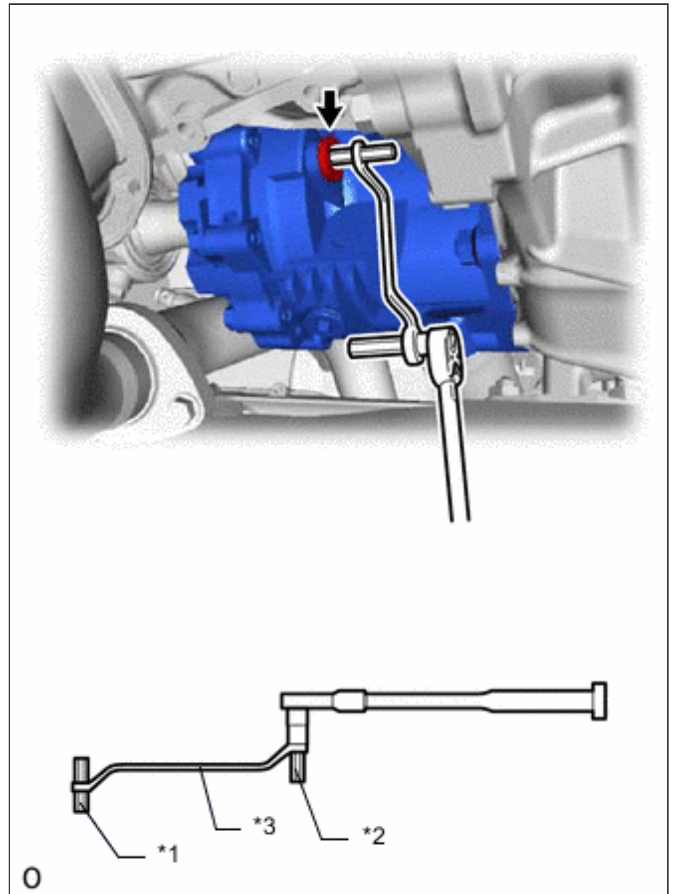
**39 N\*m { 398 kgf\*cm, 28 ft.\*lbf }**

**Note**

- Use the formula to calculate special torque values for situations where a offset wrench is combined with a torque wrench  
[Click here](#).
- After adding oil, drive the vehicle and recheck the oil level.

**Tech Tips**

When tightening, combine the offset wrench with the torque wrench so that they are in a straight line.



*1	10 mm Straight Hexagon Wrench
*2	12 mm Hexagon Socket Wrench
*3	10 x 12 mm Long Offset Wrench