

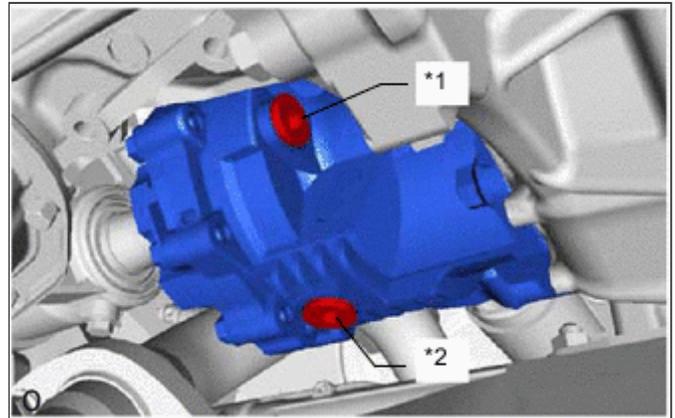
TRANSFER OIL REPLACEMENT

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

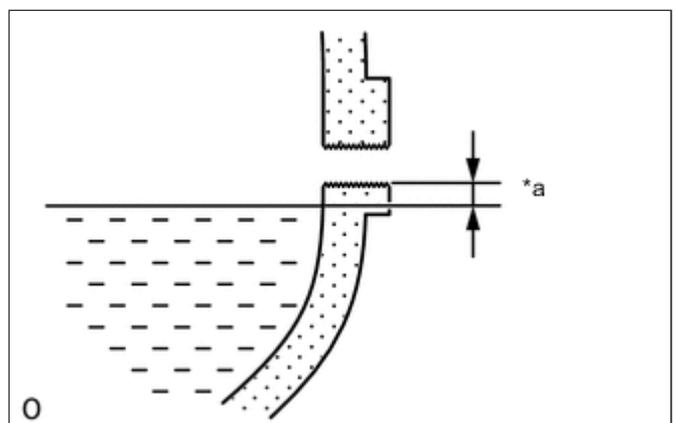
- c. Pour oil so that the oil level is between 0 to 5.0 mm (0 to 0.196 in.) from the bottom lip of the No. 2 transfer case plug (for filler) hole.

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).

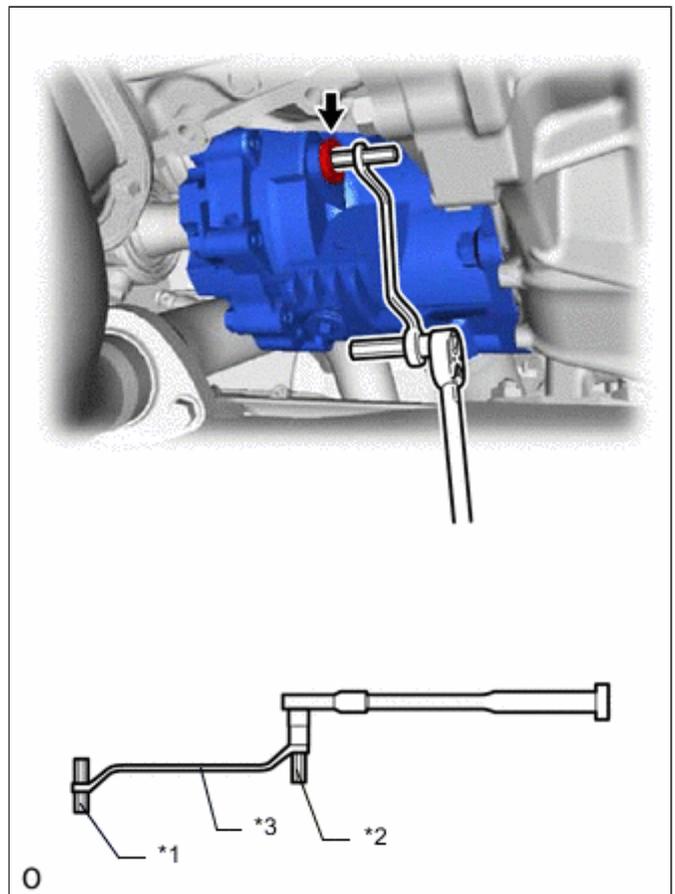
Torque:
39 N*m { 398 kgf*cm, 28 ft.*lbf }

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