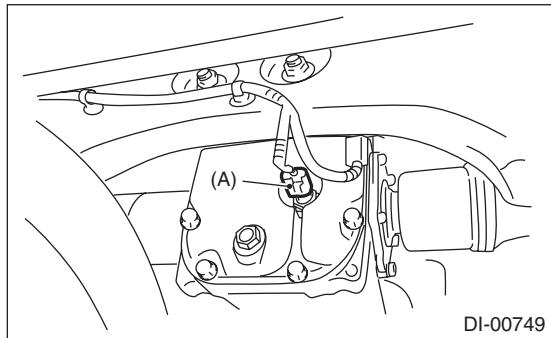


## DIFFERENTIALS

## 2. Differential Gear Oil

### A: INSPECTION

- 1) Disconnect the ground cable from battery.
- 2) Lift up the vehicle.
- 3) Disconnect the oil temperature switch connector. (T-type (H3))



(A) Oil temperature switch connector

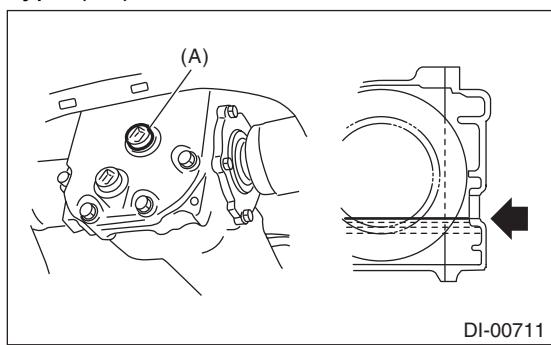
- 4) Remove the filler plug or the oil temperature switch, and then check the gear oil. Replace the gear oil if it is contaminated, deteriorated or cloudy.  
<Ref. to DI-19, REPLACEMENT, Differential Gear Oil.>

#### NOTE:

Remove the oil temperature switch and adapter as a unit.

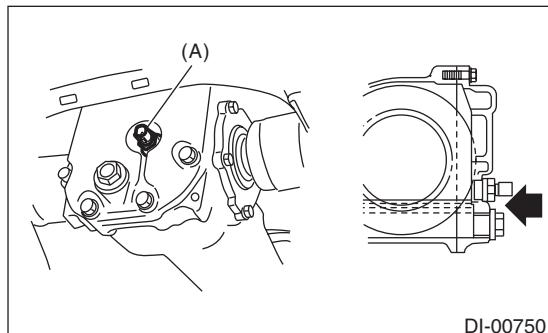
- 5) Check that the gear oil level is within  $-5$  mm ( $-0.2$  in) from the bottom of the filler plug hole or of the oil temperature switch hole. If the level is low, confirm that there is no oil leakage and refill up to the bottom of filler plug hole or the oil temperature switch hole.

- T-type (B2)



(A) Filler plug

- T-type (H3)



(A) Oil temperature switch

- 6) Install the filler plug or the oil temperature switch.

#### NOTE:

- For the T-type (B2), apply liquid gasket to the drain plug.
- For T-type (H3), use a new gasket.
- Install the oil temperature switch and adapter as a unit.

#### Liquid gasket:

**THREE BOND 1105 (Part No. 004403010) or equivalent**

#### Tightening torque:

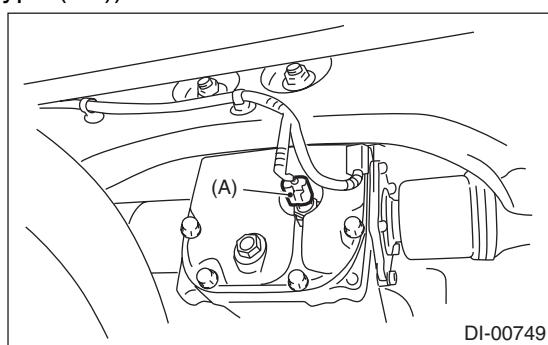
##### T-type (B2)

**49 N·m (5.0 kgf·m, 36.1 ft-lb)**

##### T-type (H3)

**60 N·m (6.1 kgf·m, 44.3 ft-lb)**

- 7) Connect the oil temperature switch connector. (T-type (H3))



(A) Oil temperature switch connector

- 8) Lower the vehicle.

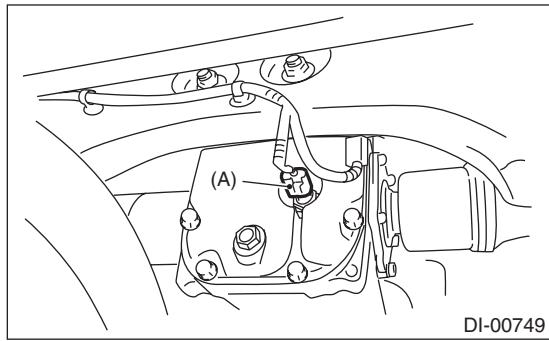
- 9) Connect the battery ground terminal.

## B: REPLACEMENT

### CAUTION:

- Gear oil is extremely hot just after driving. Be wary of receiving burns.
- Be careful not to spill the differential gear oil on exhaust pipe. If gear oil is spilled, wipe it off completely.

- 1) Disconnect the ground cable from battery.
- 2) Lift up the vehicle.
- 3) Disconnect the oil temperature switch connector. (T-type (H3))



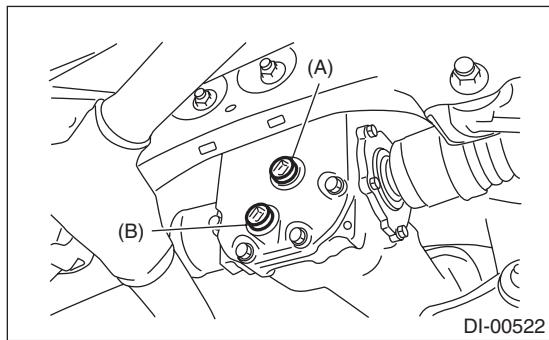
(A) Oil temperature switch connector

- 4) Remove the drain plug and filler plug or the oil temperature switch, and drain the gear oil.

### NOTE:

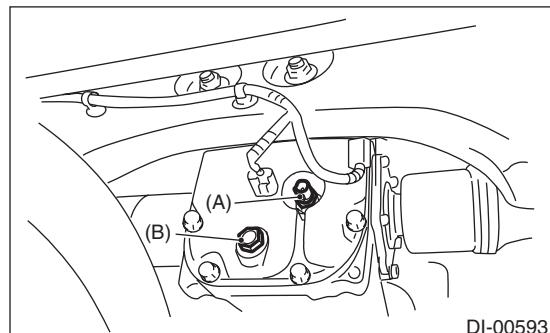
Remove the oil temperature switch and adapter as a unit.

- T-type (B2)



(A) Filler plug  
(B) Drain plug

- T-type (H3)



(A) Oil temperature switch

(B) Drain plug

- 5) Tighten the drain plug.

### NOTE:

- For the T-type (B2), apply liquid gasket to the drain plug.
- For T-type (H3), use a new gasket.

### Liquid gasket:

**THREE BOND 1105 (Part No. 004403010) or equivalent**

### Tightening torque:

#### T-type (B2)

**49 N·m (5.0 kgf·m, 36.1 ft-lb)**

#### T-type (H3)

**60 N·m (6.1 kgf·m, 44.3 ft-lb)**

- 6) Fill the differential carrier with gear oil to the bottom of filler plug hole or the oil temperature switch hole.

### NOTE:

Carefully refill gear oil while watching the level. Excessive or insufficient oil must be avoided.

### Recommended gear oil:

**<Ref. to DI-2, SPECIFICATION, General Description.>**

### Oil capacity:

#### T-type (H3)

**1.0 L (1.1 US qt, 0.9 Imp qt)**

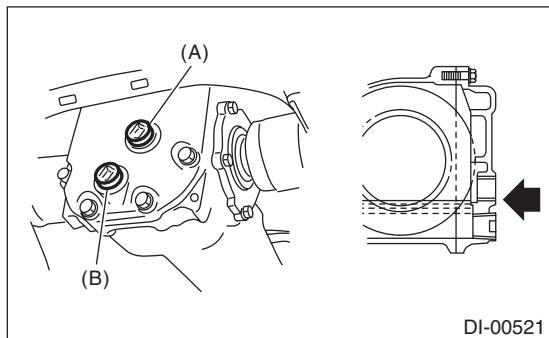
#### T-type (B2)

**0.8 L (0.8 US qt, 0.7 Imp qt)**

# Differential Gear Oil

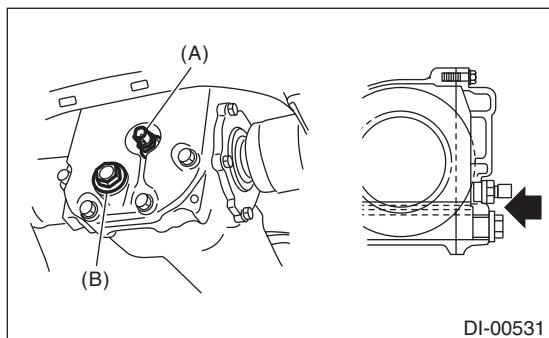
## DIFFERENTIALS

### • T-type (B2)



(A) Filler plug  
(B) Drain plug

### • T-type (H3)



(A) Oil temperature switch  
(B) Drain plug

7) Install the filler plug or the oil temperature switch.

#### NOTE:

- For the T-type (B2), apply liquid gasket to the drain plug.
- For T-type (H3), use a new gasket.
- Install the oil temperature switch and adapter as a unit.

#### *Liquid gasket:*

**THREE BOND 1105 (Part No. 004403010) or  
equivalent**

#### *Tightening torque:*

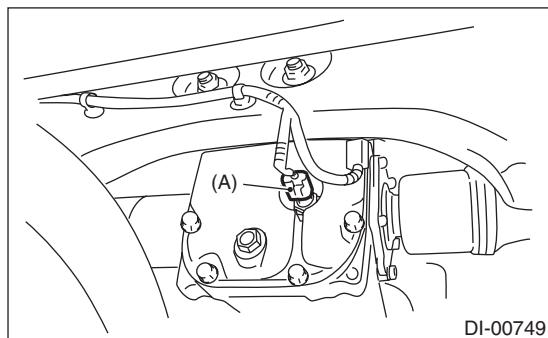
##### *T-type (B2)*

**49 N·m (5.0 kgf-m, 36.1 ft-lb)**

##### *T-type (H3)*

**60 N·m (6.1 kgf-m, 44.3 ft-lb)**

8) Connect the oil temperature switch connector.  
(T-type (H3))



(A) Oil temperature switch connector

9) Lower the vehicle.

10) Connect the battery ground terminal.