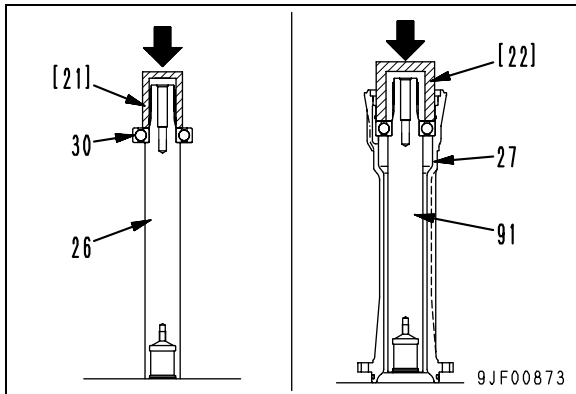
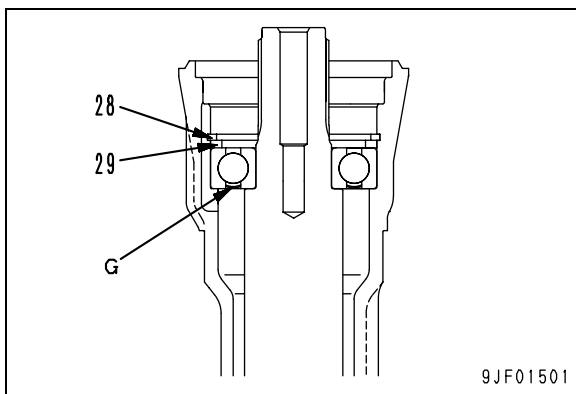


### 17. Disassembly of long cage assembly (For only front differential)

- 1) Using push tool [21], press fit bearing (30) to shaft (26) with a press.  
★ Direct the shield side (G) of the bearing down.
- 2) Using push tool [22], press fit shaft and bearing assembly (91) to long cage (27).



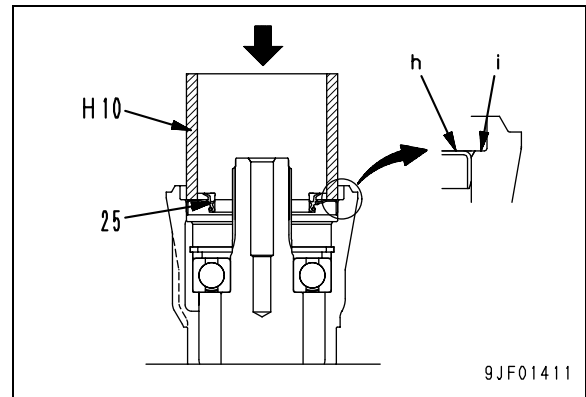
- 3) Install ring (29) and snap ring (28).  
★ Check that part G (the shield side of the bearing) is on the lower side.



- 4) Using tool H10, press fit oil seal (25).

Oil seal: **Grease (G2-LI)**

- ★ Set top (h) of the oil seal rim flush with end face (i) of the cage.



### 18. Installation of long cage assembly (For only front differential)

- 1) Sling and install long cage assembly (24).

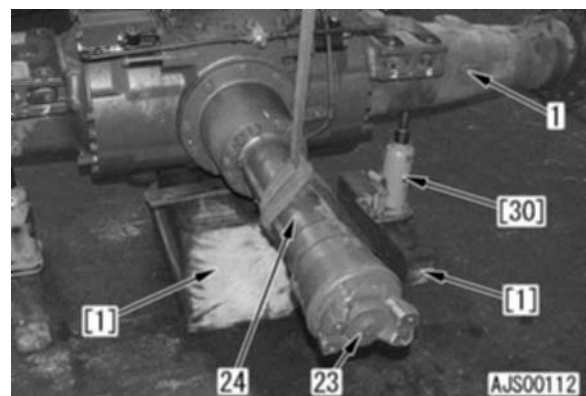
Mounting bolt:  
**98 - 123 Nm {10 - 12.5 kgm}**

- 2) Install coupling (23).

Contact surfaces of coupling and bearing: **Lubricant containing molybdenum disulfide (LM-G) or (LM-P)**

Mounting bolt: **Adhesive (LT-2)**

Mounting bolt:  
**245 - 309 Nm {25.0 - 31.5 kgm}**



### • Refilling with oil (Axle housing)

Tighten the drain plug and add oil through the oil filler to the specified level.





Drain plug:  
**127.4 - 176.4 Nm {13 - 18 kgm}**

Oil filler plug:  
**93.1 - 122.5 Nm {9.5 - 12.5 kgm}**

Axle (Each of front and rear): **27 ℓ**

# REMOVAL, INSTALLATION OF HST PUMP AND 4-GEAR PUMP ASSEMBLY

## REMOVAL

-  Stop the vehicle on a level place and set the safety bar to the frame.
-  Lower the work equipment to the ground, stop the engine, apply the parking brake, and put chocks under the tires.
-  Slowly loosen the oil filler cap of the hydraulic tank to release the residual pressure in the hydraulic tank.
-  Disconnect the cable from the negative (-) terminal of the battery.

1. Drain the hydraulic oil.

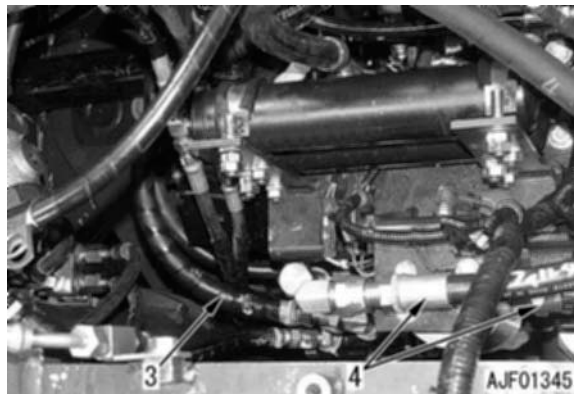


Hydraulic tank: **89 ℓ**

2. Remove the operator's cab assembly. For details, see Removal, installation of operator's cab.
3. Disconnect the following tubes and hoses.
  - (1): 4 HST pump discharge hoses
  - (2): Hose between charge valve port (A) and fan motor (IN) hose



- (3): Hose between charge valve port (P) and brake/fan pump
- (4): 2 HST filter hoses



- (5): Steering pump suction tube
- (6): HST pump port (G) hose
- (7): HST pump port (S) hose
- (8): Parking brake solenoid port (T) hose



- (9), (10): HST pump port (PS) hose
- (11), (12): HST pump port (YS) hose
- (13): HST pump port (G) hose

