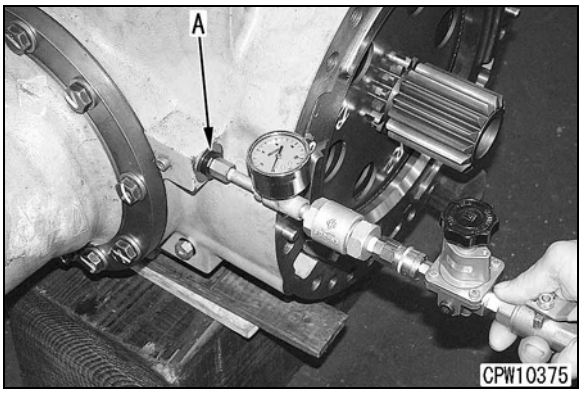
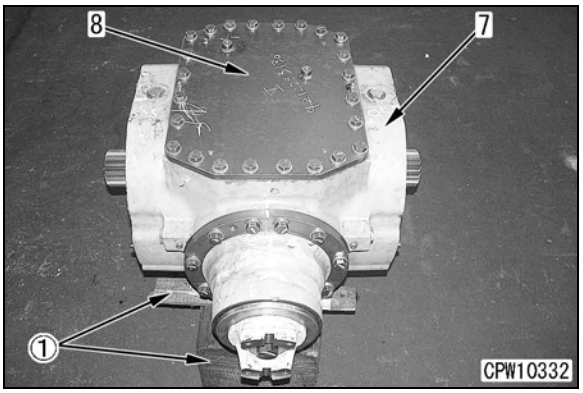
D. Blow compressed air into brake oil port **A** to check the piston operation.



10. Install the cover (8) to the differential case (7).

Cover attachment side: Liquefied gasket (Lock tight 515)

Mounting bolt: 157 ~ 196 Nm (116 ~ 145 lbf ft.)



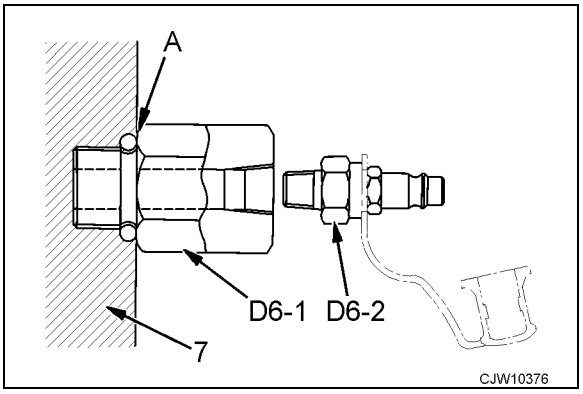
11. Attach the axel housings assembly on the left and right. See "Assembly of Axel Housings."

12. Brake oil leakage inspection

A. Attach tools **D6-1** and **D6-2** to the brake tube attachment port (**A**) of the differential case (7), then bleed the attach ment cylinder.

B. Use tool **D6-4** to increase the pressure to 14 kg/cm^2 (199 psi).

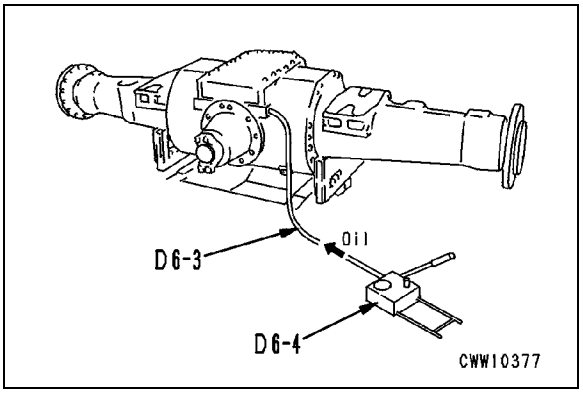
★ Leave the unit with 14 kg/cm^2 (199 psi) for five minutes. Confirm that pressure lowers to 3.5 kg/cm^2 (50 psi).



C. If no oil leakage is found using the method above, increase the pressure to 50 kg/cm^2 (711 psi).

★ Leave the unit with 50 kg/cm^2 (711 psi) for five minutes. Confirm that pressure lowers to 1 kg/cm^2 (14 psi).

★ If there is no oil leakage, remove the brake piston and check the O-ring and seal for damage before assembling them.



13. Oil temperature sensor (rear differential)

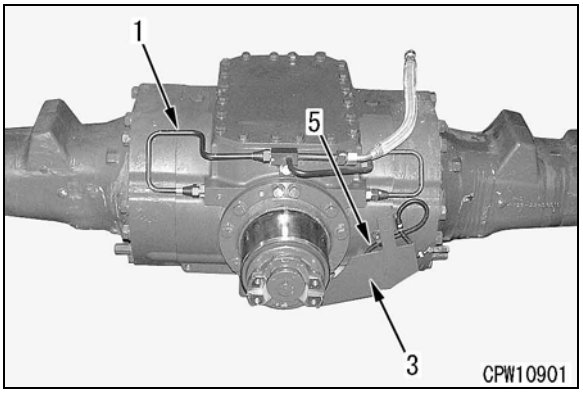
A. Attach the oil temperature sensor (5) and connect the connector.

Oil temperature sensor screw unit: Liquefied gasket (LG-5)

Oil temperature sensor: 29.4 ~ 49.0 Nm (22 ~ 36 lbf ft.)

B. Attach the cover (3).

14. Attach the tube (1).



15. Fasten the drain plug. Pour in the specified amount of oil.

Axle oil: 38 liters (10 gal.)