CATERPILLAR®

Service Repair Manual

Models

950H WHEEL LOADER

≪Product: WHEEL LOADER

Model: 950H WHEEL LOADER JAD

Configuration: 950H Wheel Loader JAD00001-UP (MACHINE) POWERED BY C7 Engine

Disassembly and Assembly

IT62H Integrated Toolcarrier and 950H and 962H Wheel Loaders Power Train

Media Number -RENR8867-05

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i02356369

Gear Pump (Axle Oil Cooler) - Assemble

SMCS - 5073-016-AOC

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1858	Retaining Ring Pliers	1

Note: Cleanliness is an important factor. Before assembly, all parts should be thoroughly cleaned in cleaning fluid. Allow the parts to air dry. Wiping cloths or rags should not be used to dry parts. Lint may be deposited on the parts which may cause later trouble. Inspect all parts. If any parts are worn or damaged, use new parts for replacement.

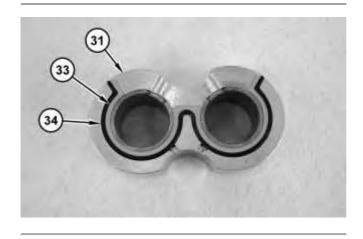


Illustration 1 g01177117

1. Install seal (33) and backup ring (34) on bearing (31).

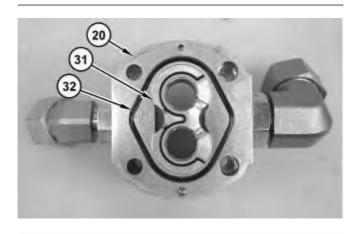


Illustration 2 g01177072

2. Install bearing (31) and O-ring seal (32) on body (20).

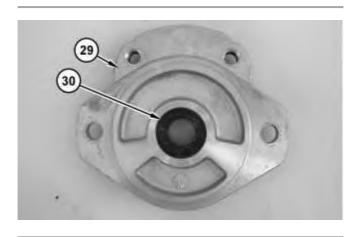


Illustration 3 g01177071

3. Install seal (30) in flange (29).

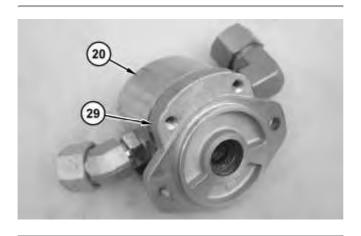


Illustration 4 g01177070

4. Install flange (29) on body (20).

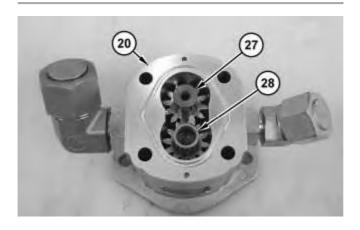


Illustration 5 g01177069

5. Install gear (27) and shaft (28) in body (20).

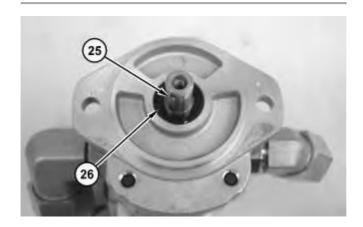


Illustration 6 g01177067

6. Use Tooling (A) to install retaining ring (26) .

7. Install key (25).

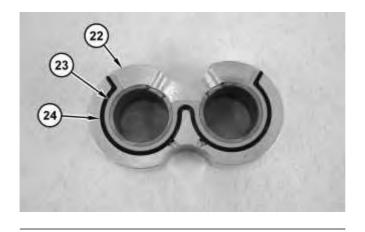


Illustration 7 g01177094

8. Install seal (23) and backup ring (24) on bearing (22).

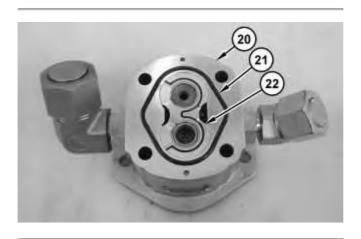


Illustration 8 g01177066

9. Install bearing (22) and O-ring seal (21) on body (20) .

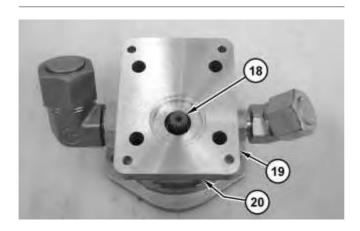


Illustration 9 g01177064

10. Install flange (19) and coupling (18) on body (20).

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