CATERPILLAR®

Service Repair Manual

Models

D6R Track-Type Tractor



Service Information System

Shutdown SIS

Previous Screen

Model: D6R TRACK-TYPE TRACTOR 6GR

Configuration: D6R LGP TRACTOR 6GR00001-UP (MACHINE) POWERED BY 3306 ENGINE

Disassembly and Assembly D6R Track-Type Tractor

Media Number -SENR8361-01

Publication Date -01/03/2002

Date Updated -07/03/2002

i01002775

Implement Pump - Assemble

SMCS - 5073-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1861	Snap Ring Pliers	1
В	1P-0074	Slide Hammer	1
	5F-7344	Crossblock	1
	7S-7786	Puller Jaws	1
C	1P-1862	Snap Ring Pliers	1
D	1P-0510	Driver	1

Reference: Refer to Specifications, "Implement Hydraulic Pump" and Specifications, "Pressure and Flow Compensator Valve" in the Service Manual for your machine.

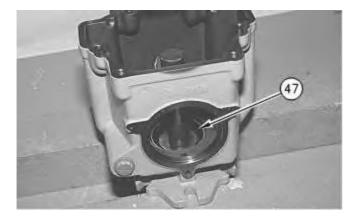


Illustration 1 g00610615

1. Lower the temperature of bearing cup (47). Install the bearing cup in the housing. Use Tooling (D) to install seal (46) (not shown) in the housing.



Illustration 2 g00610419

2. Install bearing (45). Install bearings (43) and screws (44). Tighten screws (44) to a torque of $4 \pm 0.4 \text{ N} \cdot \text{m}$ (35 \pm 4 lb in).



Illustration 3 g00610418

3. Install swashplate (42) in the housing.

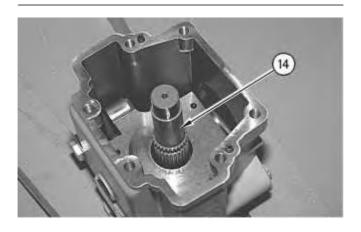


Illustration 4 g00610352

4. Install shaft (41).

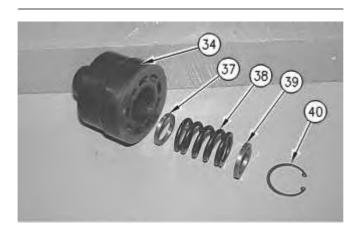


Illustration 5 g00610348

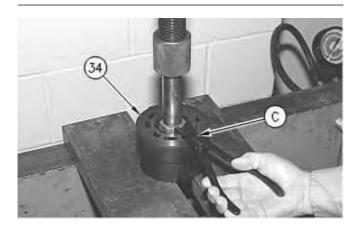


Illustration 6 g00610342

5. Install the following components in barrel (34): inner spring guide (37), spring (38) and outer spring guide (39). Position barrel (34) in the press. Use Tooling (C) in order to install retaining ring (40).

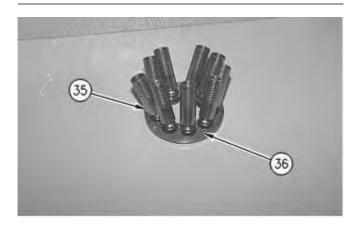


Illustration 7 g00610340

6. Install pistons (35) in retaining plate (36).

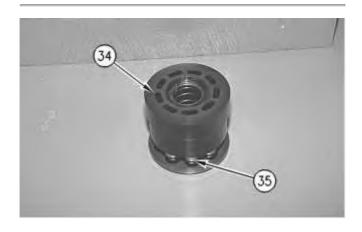


Illustration 8 g00610337

7. Install barrel (34) on pistons (35).

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