

Product: WHEEL LOADER

Model: 994H WHEEL LOADER DWC

Configuration: 994H Wheel Loader DWC00001-UP (MACHINE) POWERED BY 3516B Engine

## Disassembly and Assembly 994H Wheel Loader Machine Systems

Media Number -UENR0765-01

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i06093455

### Piston Pump (Steering) - Assemble

SMCS - 4306-016-QP; 5070-016-ZH

### Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1863	Retaining Ring Pliers	1
B	439-3939	Link Bracket	2
C	1P-1859	Retaining Ring Pliers	1
D	171-1113	Measuring Hub	1
E	129-3876	Measuring Bell	1
F	-	Height Gauge	1
G	171-1112	Test Pins	3
H	171-1114	Alignment Plug	1
J	6V-2055	Grease	1

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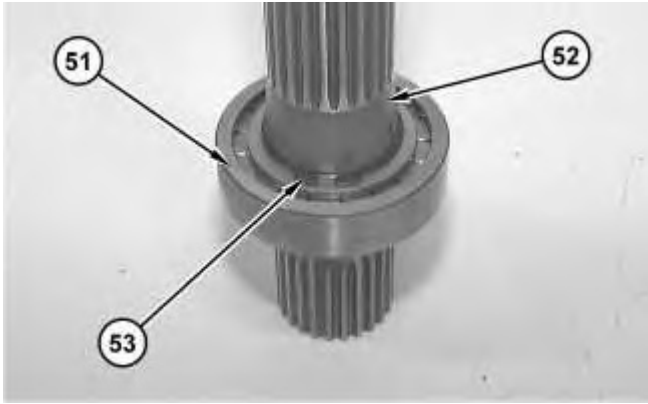


Illustration 1

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1. Raise the temperature of bearing (51).
2. Install bearing (51) onto shaft (52).
3. Use Tooling (C) in order to install retaining ring (53) to shaft (52).



Illustration 2

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4. Install bearing (51) and shaft (52).



Illustration 3

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5. Install the O-ring seals, lip seal (50), cover (49), and bolts (48).

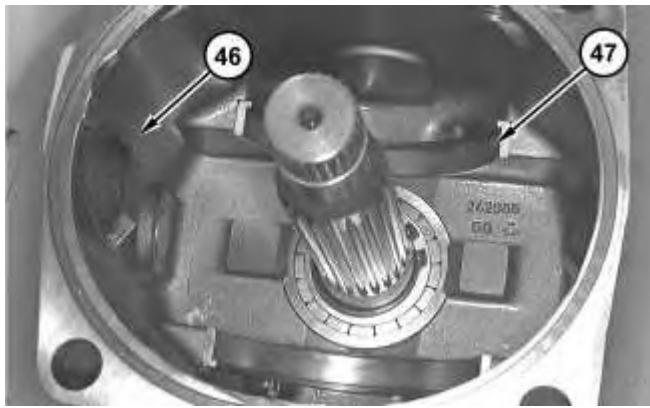


Illustration 4

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6. Install outer races (47) into housing (46).

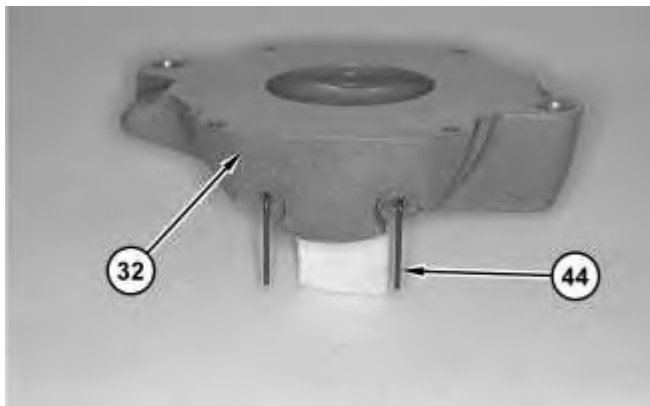


Illustration 5

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7. Install pins (44) to swashplate (32).

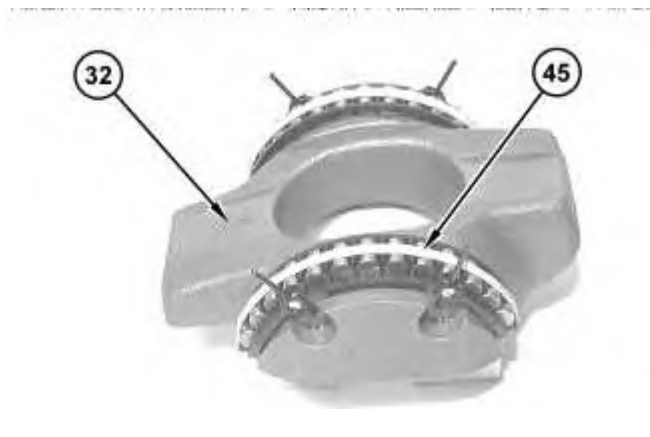


Illustration 6

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8. Install bearings (45) to swashplate (32). Install a rubber band to each bearing (45), as shown. The rubber band will hold bearing (45) to swashplate (32).
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