

Product: WHEEL LOADER

Model: 994 WHEEL LOADER 9YF

Configuration: 994 Wheel Loader 9YF00001-UP (MACHINE) POWERED BY 3516 Engine

## Disassembly and Assembly 994 WHEEL LOADER MACHINE SYSTEMS

Media Number -SEN4755-01

Publication Date -01/06/2004

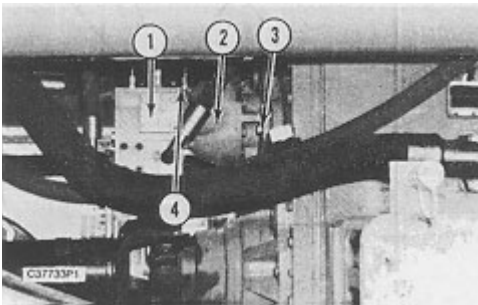
Date Updated -10/06/2013

SEN47550017

## Supplemental Steer Pump

SMCS - 4306-010; 4306-012; 4306-016

### Remove & Install Supplemental Steer Pump



1. Remove steer diverter valve (1) See Remove & Install Steer Diverter Valve, in this module.
2. Remove hydraulic line (4) at the tip of the pump.
3. Attach a lifting device to pump (2) and remove two bolts (3). Remove supplemental steer pump (2). The weight of the pump is **29 kg (65 lb)**.

**NOTE:** To install supplemental steer pump, reverse the removal steps.

### Disassemble Supplemental Steering Pump

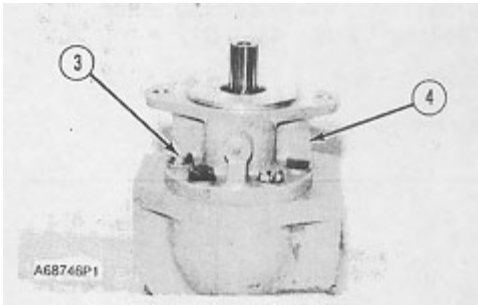
Start By:

a. remove supplemental steering pump

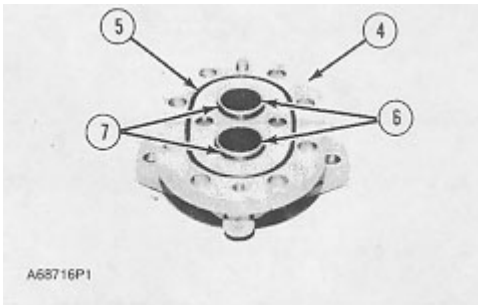
1. Clean the outside of the pump before it is disassembled.

**NOTE:** Put identification on all parts for correct position at assembly.

2. Remove the O-ring seal from the mounting flange of the pump.

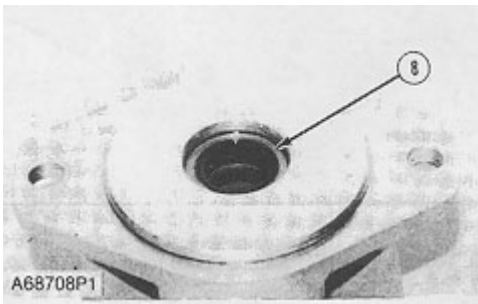


3. Remove eight bolts (3) and flange (4) from the pump housing.

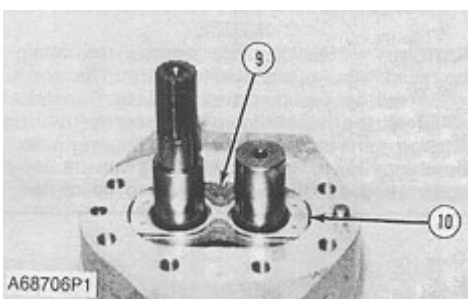


4. Remove O-ring seal (5) from flange (4).

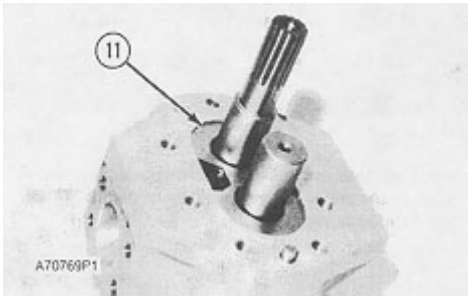
5. Remove O-ring seals (6) and back-up rings (7) from support rings in the flange.



6. Remove two lip-type seals (8) and the spacer ring from the flange.

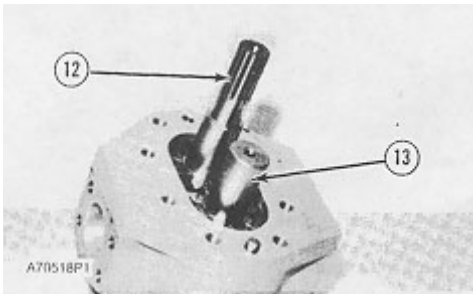


7. Remove isolation plates (9) and retainer assembly (10) from the pump housing.



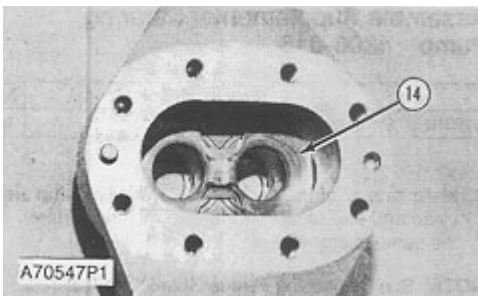
Typical Example

**8.** Remove pressure plate (11) from the pump housing.

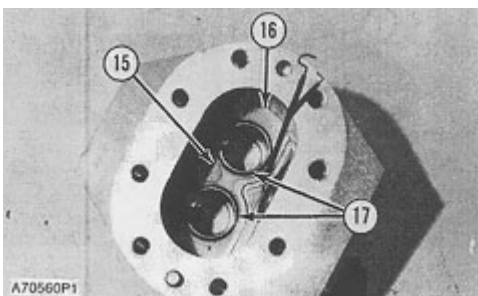


Typical Example

**9.** Remove drive gear (12) and idler gear (13) from the pump housing.



**10.** Remove pressure plate (14) from the pump housing.



**11.** Remove isolation plates (15) and retainer assembly (16) from the pump housing with a seal pick as shown.

**12.** Remove O-ring seals (17) and the back-up rings from the pump housing.

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