

Product: SKID STEER LOADER

Model: 272C SKID STEER LOADER RED

Configuration: 272C Skid Steer Loader RED00001-UP (MACHINE) POWERED BY 3044C Engine

## Disassembly and Assembly

### 246C, 256C, 262C, 262C2 and 272C Skid Steer Loaders Machine Systems

Media Number -KENR5116-02

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i04998310

## Piston Pump - Disassemble - High Flow

SMCS - 5070-015

S/N - DWS1834-UP

S/N - JAY5768-UP

S/N - RED2508-UP

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0510	Driver Gp	1
B	1P-1858	Pliers	1
C	9S-9152	Bearing Puller	1

### Start By:

- A. Remove the piston pump (High Flow).

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### NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

**Refer to Special Publication, NENG2500, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat products.**

**Dispose of all fluids according to local regulations and mandates.**

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1. Be sure that the outside of the piston pump is thoroughly clean prior to disassembly.



Illustration 1

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2. In order to protect the shaft seal, use an adhesive tape to cover the drive shaft.

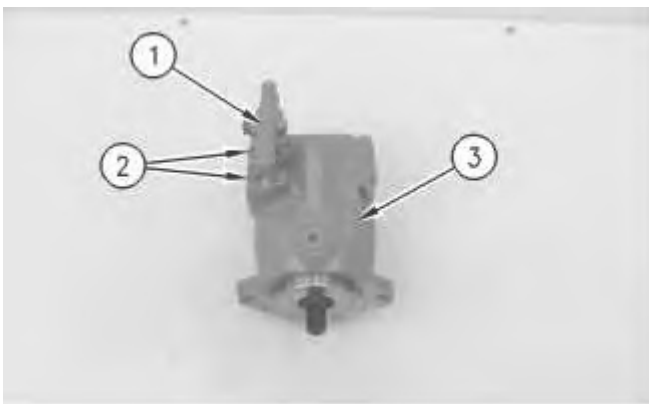


Illustration 2

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3. Remove bolts (2) and pressure and flow compensator valve (1) from piston pump (3) .
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Illustration 3

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4. Remove O-ring seals (4) from compensator valve (1) .

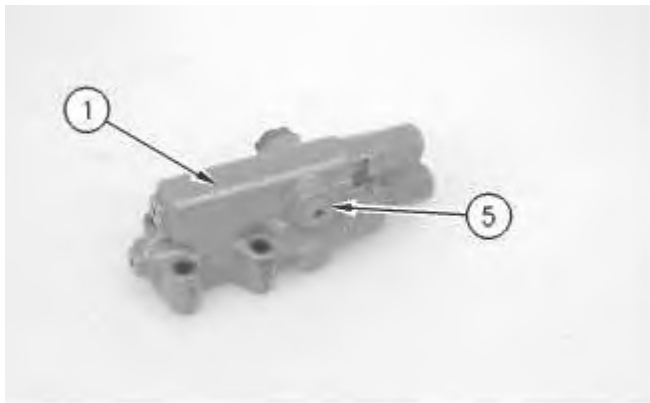


Illustration 4

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5. Remove plug (5) from compensator valve (1). Repeat for opposite side.

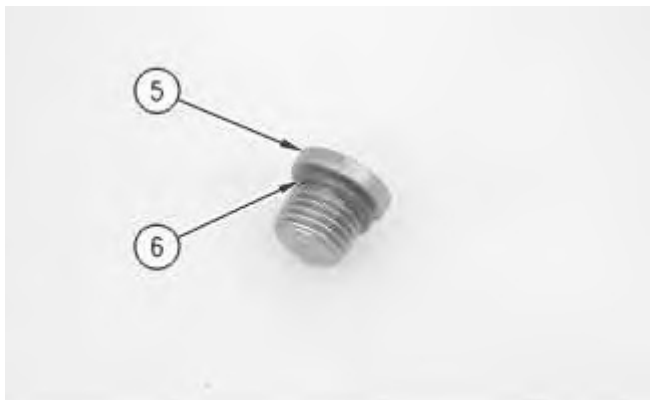


Illustration 5

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6. Remove O-ring seal (6) from plug (5) .

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