



# Service Manual

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**226 SKID STEER LOADER**

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**5FZ**

**Tip: Use Bookmarks panel to navigate**

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Product: SKID STEER LOADER

Model: 226 SKID STEER LOADER 5FZ

Configuration: 216 226 228 Skid Steer Loader 5FZ00001-06699 (MACHINE) POWERED BY 3034 Engine

## Disassembly and Assembly 226 and 242 Skid Steer Loaders Power Train

Media Number -REN4834-03

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i02358306

## Piston Pump (Hydrostatic) - Disassemble

SMCS - 5070-015

S/N - 5FZ6700-UP

S/N - CMB1-UP

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	9U-7289	Ruler	1
B	1P-1861	Retaining Ring Pliers	1
C	138-7576	Link Brackets	2
D	8T-4956	Bolts (M12 - 1.75 - 35 MM)	2
E	8T-4223	Hard Washers (13.5 - 25.5 - 3 MM THK)	2
F	1P-0510	Driver Gp	1
G	1P-1854	Retaining Ring Pliers	1
H	1U-7600	Slide Hammer Puller Gp	1
J	1P-1860	Retaining Ring Pliers	1
K	8H-0663	Bearing Puller Gp	1

**Start By:**

- A. Remove the piston pump. Refer to Disassembly and Assembly, "Piston Pump - Remove".

**Note:** The following procedure is intended for cleaning purposes only.

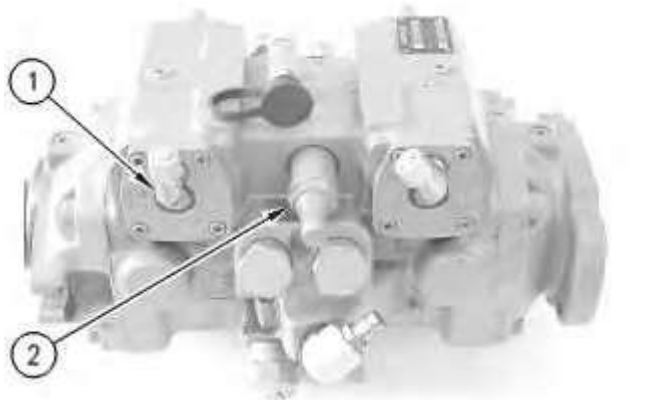


Illustration 1

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1. Remove the fittings and connectors (1) .
2. Remove speed sensing valve (2) .

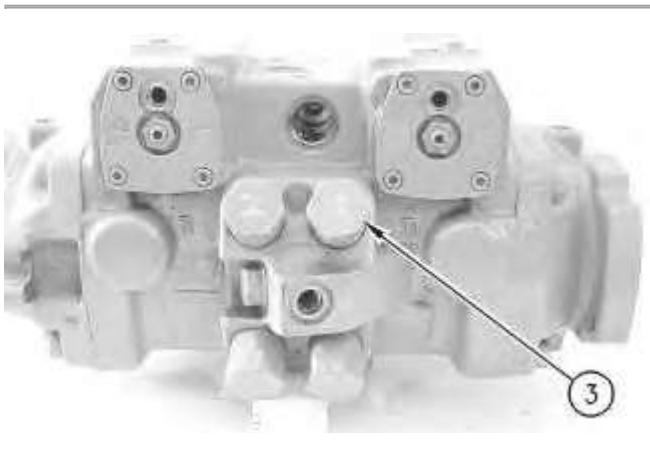


Illustration 2

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**Personal injury can result from being struck by parts propelled by a released spring force.**

**Make sure to wear all necessary protective equipment.**

**Follow the recommended procedure and use all recommended tooling to release the spring force.**

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3. Remove cover (3) and the spring for the crossover relief valve.

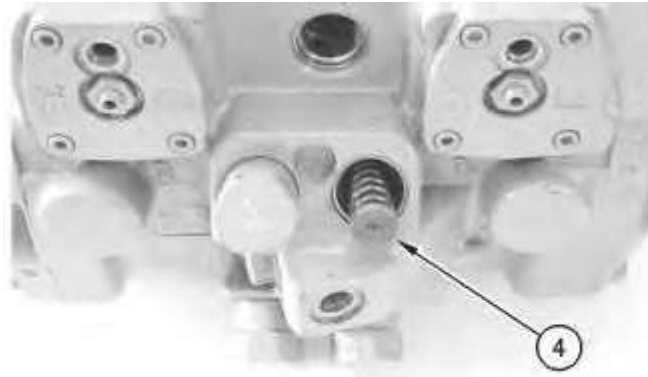


Illustration 3

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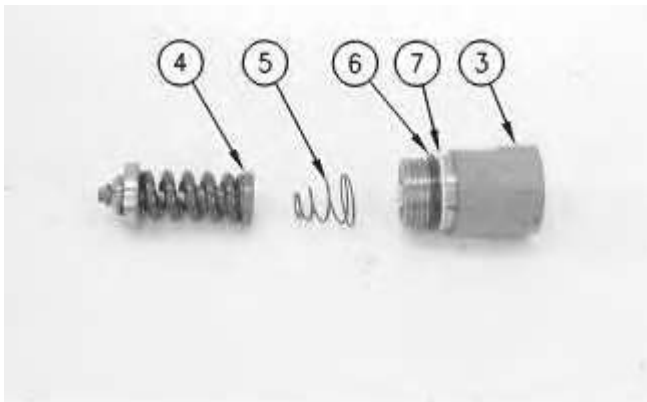


Illustration 4

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4. Remove seat (4) .
5. Note the orientation of spring (5) .
6. Remove O-ring seal (6) from cover (3) .
7. Remove back up ring (7) from cover (3) .

8. Repeat Step 3 through Step 7 for the other covers.

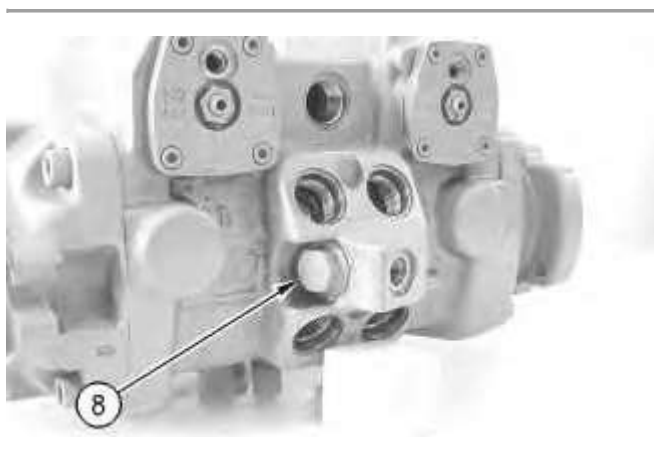


Illustration 5

g00903500



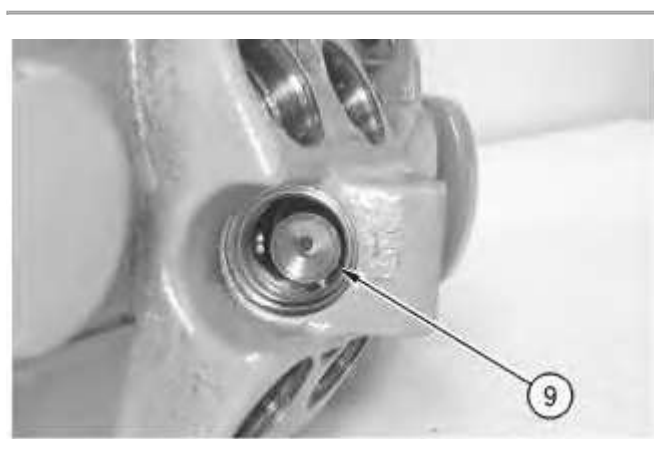
**Personal injury can result from being struck by parts propelled by a released spring force.**

**Make sure to wear all necessary protective equipment.**

**Follow the recommended procedure and use all recommended tooling to release the spring force.**

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9. Remove plug (9) for the charge relief valve.



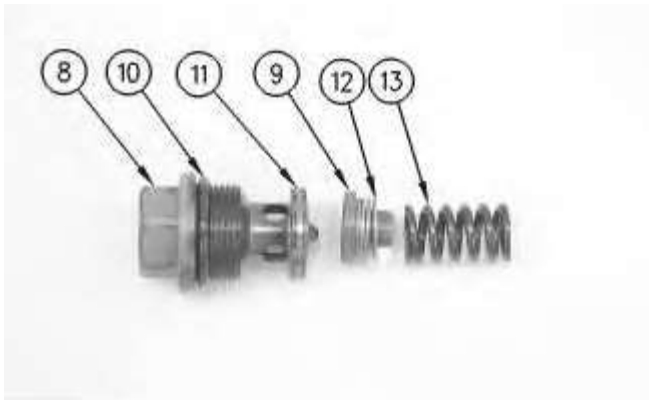


Illustration 7

g00903503

10. Remove seat (9) .
11. Remove shims (12) .
12. Remove spring (13) .
13. Remove seal (11) from plug (8) .
14. Remove O-ring seal (10) from plug (8) .

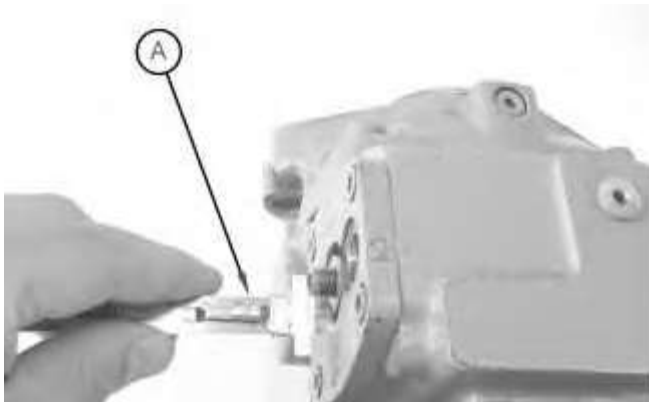
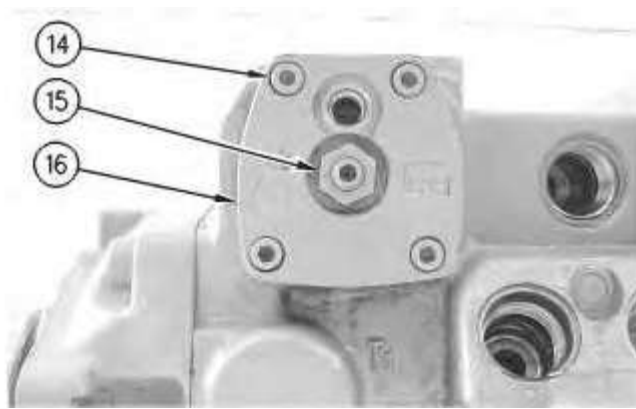


Illustration 8

g01178122

15. Use Tooling (A) to measure the distance from the stud to the nut. Record the distance for assembly purposes.
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Illustration 9

g00904929

- 16. Remove screws (14) .
- 17. Remove nut (15) .
- 18. Remove cover (16) .



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Illustration 10

g00904930

- 19. Remove O-ring seal (17) from cover (16) .
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