



Service Repair Manual

Model

216B3 Skid Steer Loader

Product: SKID STEER LOADER

Model: 216B3 SKID STEER LOADER JXM

Configuration: 216B3 Skid Steer Loader JXM00001-UP (MACHINE) POWERED BY C2.2 Engine

Disassembly and Assembly

259B3 Compact Track Loader, 247B3 and 257B3 Multi Terrain Loaders and 216B3, 226B3, 236B3, 242B3 and 252B3 Skid Steer Loaders Power Train

Media Number -UENR0251-07

Publication Date -01/07/2018

Date Updated -11/07/2018

i02358306

Piston Pump (Hydrostatic) - Disassemble

SMCS - 5070-015-H7

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.

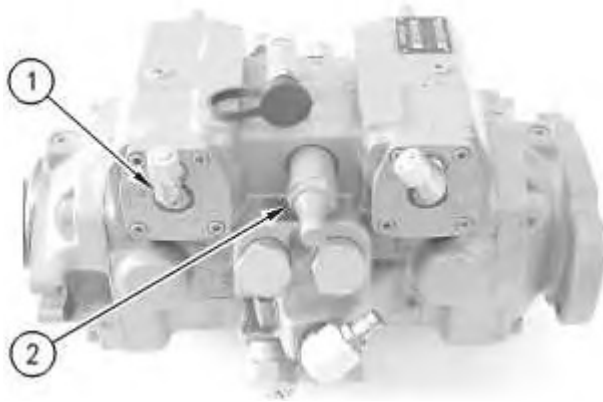


Illustration 1

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

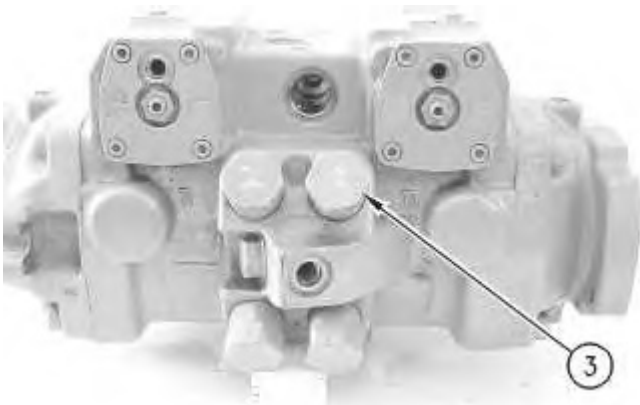


Illustration 2

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 **WARNING**

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.

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



Illustration 3

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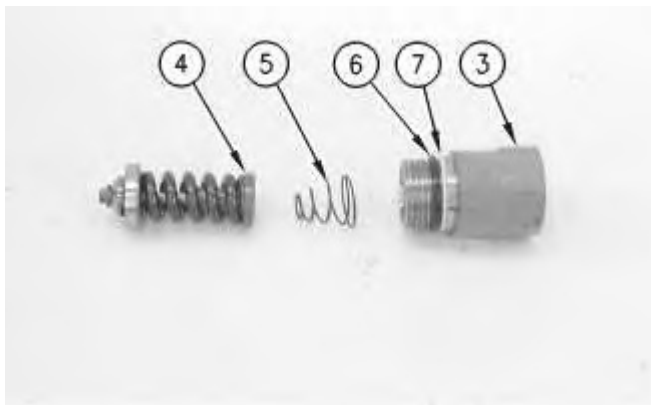


Illustration 4

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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.

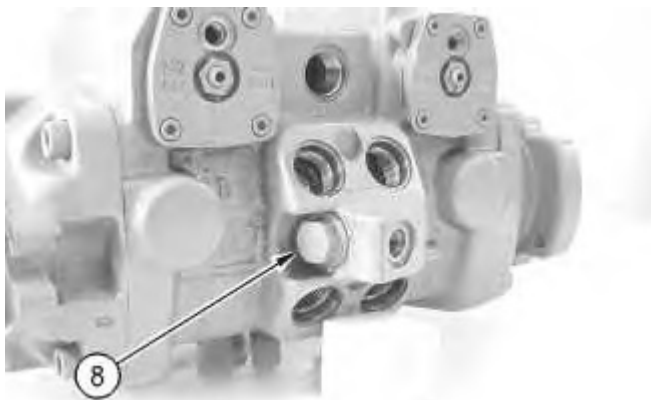


Illustration 5

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WARNING

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.

9. Remove plug (8) for the charge relief valve.



Illustration 6

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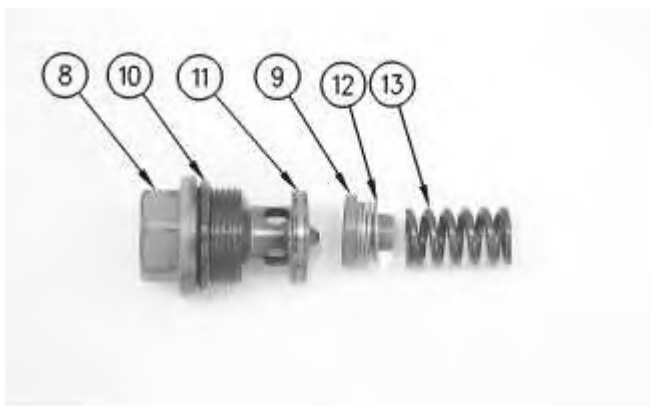


Illustration 7

g00903503

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

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