



# Service Repair Manual

## **Models**

# 966H Wheel Loader

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Product: WHEEL LOADER

Model: 966H WHEEL LOADER A6D

Configuration: 966H Wheel Loader A6D00001-UP (MACHINE) POWERED BY C11 Engine

## Disassembly and Assembly 966H and 972H Wheel Loaders Machine Systems

Media Number -REN8859-07

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i02288172

### Piston Pump (Steering) - Disassemble

SMCS - 4306-015; 5070-015-ZH

### Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-4878	Plate <sup>(1)</sup>	1
B	1P-1861	Retaining Ring Pliers	1

<sup>(1)</sup> 33.3 mm (1.31 inch) diameter

#### Start By:

- a. Remove the steering pump. Refer to Disassembly and Assembly, "Piston Pump (Steering) - Remove".

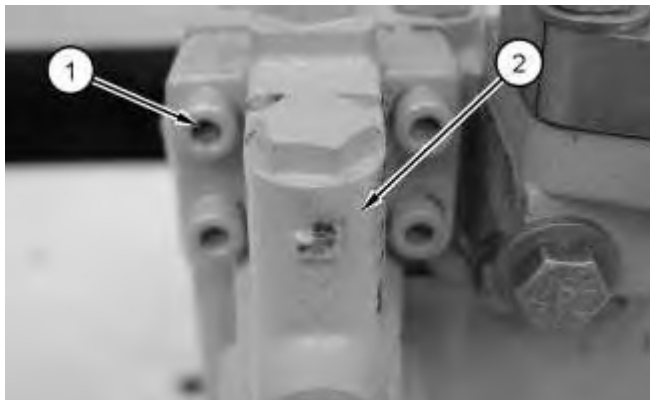


Illustration 1

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1. Remove bolts (1) and valve (2).

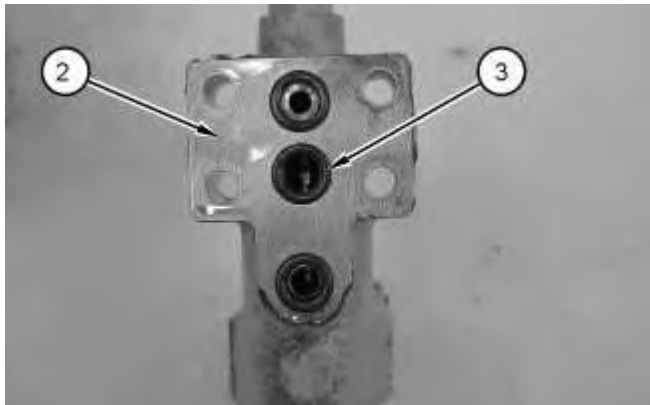


Illustration 2

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2. Remove O-ring seals (3) from valve (2).

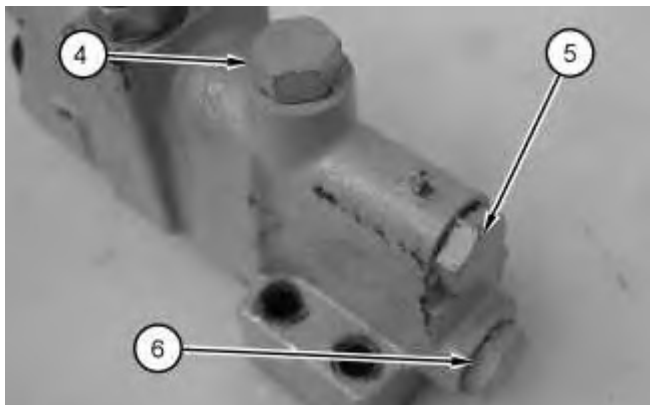


Illustration 3

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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.**

- 
3. Remove plug (4), the O-ring seals, plug (5), and plug (6).
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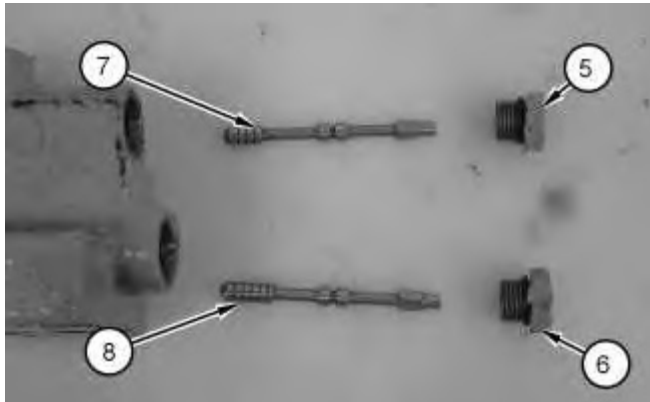


Illustration 4

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4. Remove spool (7) and spool (8).
5. Remove the O-ring seals from plug (5) and plug (6).

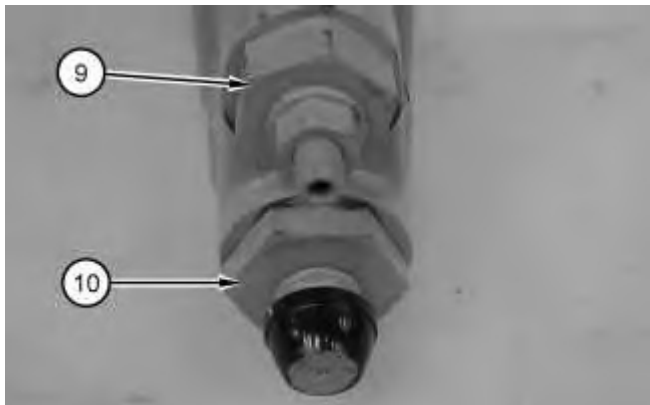


Illustration 5

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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.**

6. Remove adjustment screw (9) and adjustment screw (10).

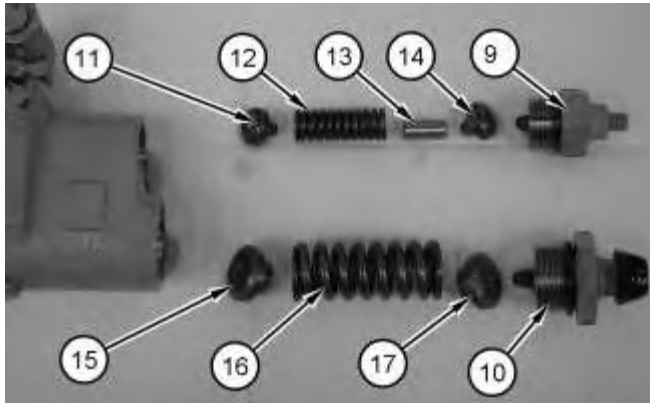


Illustration 6

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7. Remove retainer (14), spacer (13), spring (12), and retainer (11).
8. Remove retainer (17), spring (16), and retainer (15).
9. Remove the O-ring seals from adjustment screw (9) and adjustment screw (10).

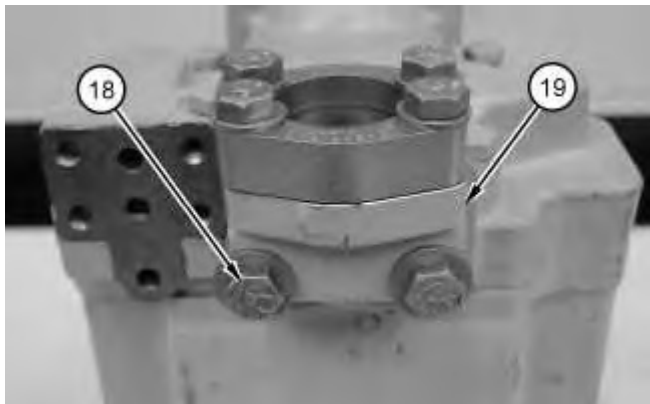


Illustration 7

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10. Remove bolts (18) and elbow (19).



Illustration 8

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