



# Service Repair Manual

## **Models**

# 962H WHEEL LOADER

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Product: WHEEL LOADER

Model: 962H WHEEL LOADER K6K

Configuration: 962H Wheel Loader K6K00001-UP (MACHINE) POWERED BY C7 Engine

## Disassembly and Assembly

### IT62H Integrated Toolcarrier and 950H and 962H Wheel Loaders Machine Systems

Media Number -REN8881-01

Publication Date -01/06/2009

Date Updated -08/06/2009

i02362322

## Pilot Valve (Command Control Steering) - Remove

SMCS - 4342-011

### Removal Procedure

#### Start By:

- A. Connect the steering frame lock. Refer to Disassembly and Assembly, "Steering Frame Lock - Separate and Connect".
- B. Release the pressure in the hydraulic system. Refer to Disassembly and Assembly, "System Pressure - Release".

**Note:** Cleanliness is an important factor. Before the disassembly procedure, the exterior of the component should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

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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, "Caterpillar Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.**

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

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## WARNING

**Hot oil and hot components can cause personal injury. Do not allow hot oil or hot components to contact skin.**

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**Note:** Put identification marks on all hoses and on all wires for installation purposes. Plug all hoses. This will help to prevent fluid loss and this will help to keep contaminants from entering the system.

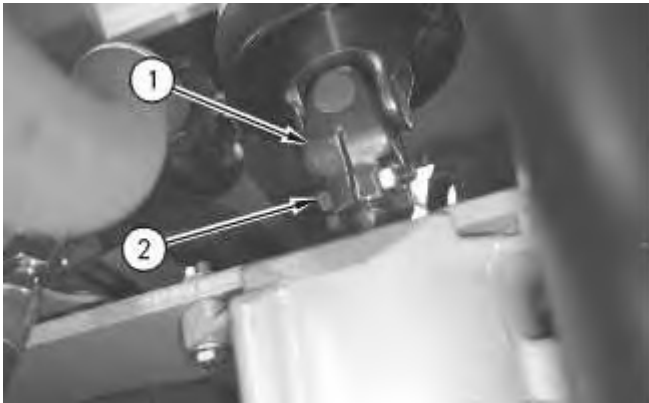


Illustration 1

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1. Remove the nut and bolt (2) .
2. Remove bottom shaft yoke (1) from the shaft of the steering pilot valve.



Illustration 2

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3. Disconnect steering shaft (3) .



Illustration 3

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4. Disconnect hose assemblies (4) .

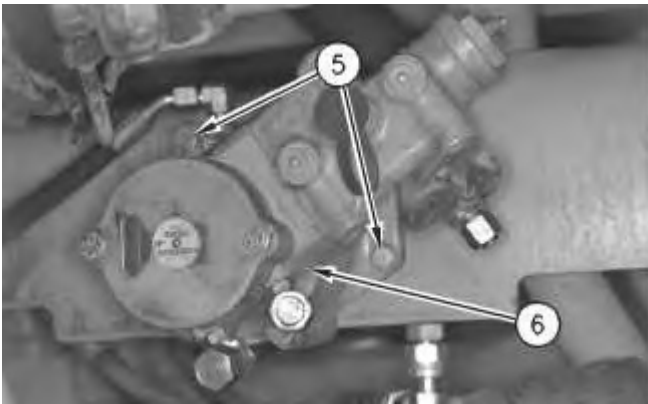


Illustration 4

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5. Remove bolts (5) .
6. Remove steering pilot valve (6) .

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i02330782

## Pilot Valve (Command Control Steering) - Disassemble

SMCS - 4342-015

### Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	2M-0849	Washer	2
	6B-6684	Nut	2
	6V-2360	Washer	1
	126-7176	Forcing Screw	1
	126-7177	Puller Leg	2
	126-7181	Sliding Plate	2
	126-7182	Nut	1
	126-7183	Crossblock	1

#### Start By:

- a. Remove the steering pilot valve. Refer to Disassembly and Assembly, "Pilot Valve (Steering) - Remove".

**Note:** Cleanliness is an important factor. Before the disassembly procedure, the exterior of the component should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

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