

Product: TRACK LOADER

Model: 963K TRACK LOADER YDR

Configuration: 963K Track-Type Loader YDR00001-UP (MACHINE) POWERED BY C7.1 Engine

Disassembly and Assembly 963K Track Type Loader Machine Systems

Media Number -M0086958-00

Publication Date -01/02/2018

Date Updated -27/02/2018

i06552519

System Pressure - Release

SMCS - 5050-553-PX

Pressure Release Procedure



Personal injury can result from hydraulic oil pressure and hot oil.

Hydraulic oil pressure can remain in the hydraulic system after the engine has been stopped. Serious injury can be caused if this pressure is not released before any service is done on the hydraulic system.

Make sure all of the work tools have been lowered to the ground, and the oil is cool before removing any components or lines. Remove the oil filler cap only when the engine is stopped, and the filler cap is cool enough to touch with your bare hand.

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.

1. Move the machine to a smooth, horizontal location that is away from operating machines and away from personnel.

Note: Permit only one operator on the machine. Keep all other personnel away from the machine or in the sight of the operator.

2. Place the steering control lever in the NEUTRAL position.
 3. Engage the parking brake.
 4. Lower the attachments to the ground.
 5. Stop the engine.
 6. Turn the key to the ON position, but do not start the engine.
 7. Verify that the implement shutoff control is not activated.
 8. Move the control levers through the full range of travel several times. This step will relieve any pressure that may be present in the implement hydraulic system.
 9. Loosen the filler cap on the hydraulic tank so that the pressure in the tank is released.
 10. Tighten the filler cap on the hydraulic tank.
 11. The pressure in the hydraulic system has been released and lines or components can be removed.
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Ripper - Remove and Install

SMCS - 6310-010

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-9200	Lever Puller Hoist	1
	386-6031 ⁽¹⁾	Lever Puller Hoist	1

⁽¹⁾ This part number complies with European requirements.

Start By:

- a. Release the system pressure.

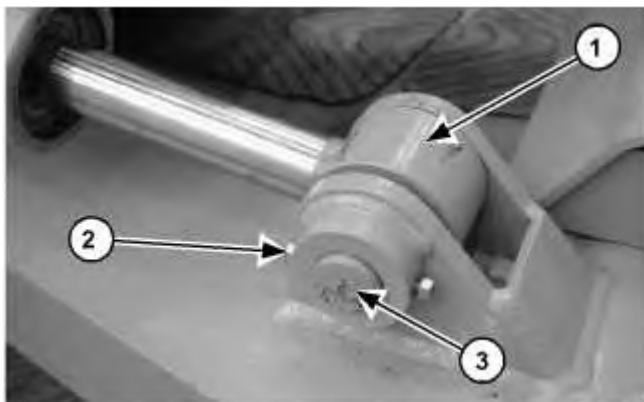


Illustration 1
Typical Example

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1. Remove bolt (2) and pin (3). Repeat for the other side.
2. Start the engine and retract ripper lift cylinders (1).



Illustration 2
Typical Example

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3. Secure ripper lift cylinders (1) away from the ripper.

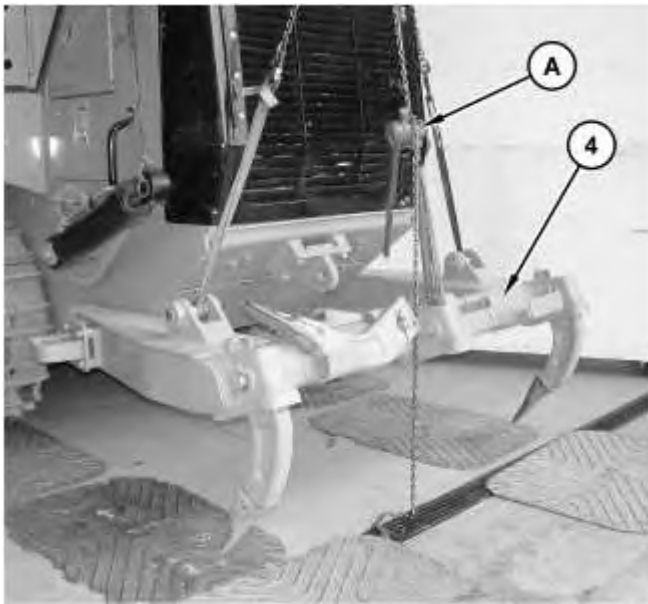


Illustration 3
Typical Example

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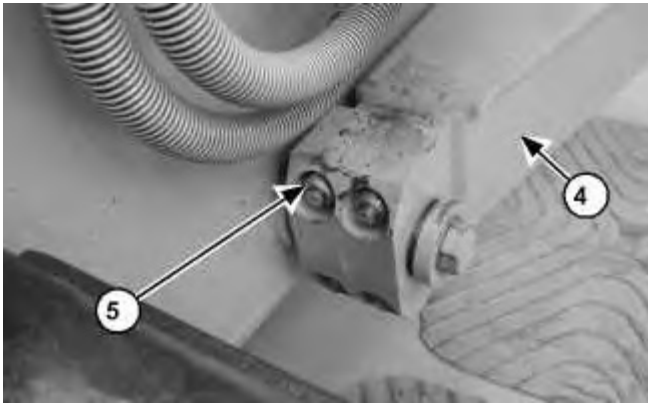


Illustration 4

g01017989

Typical Example

4. Attach Tooling (A) and a suitable lifting device to ripper (4). The weight of ripper (4) is approximately 600 kg (1323 lb). Raise ripper (4) off the ground.
5. Remove locknuts (5) from both sides of ripper (4). Remove ripper (4).

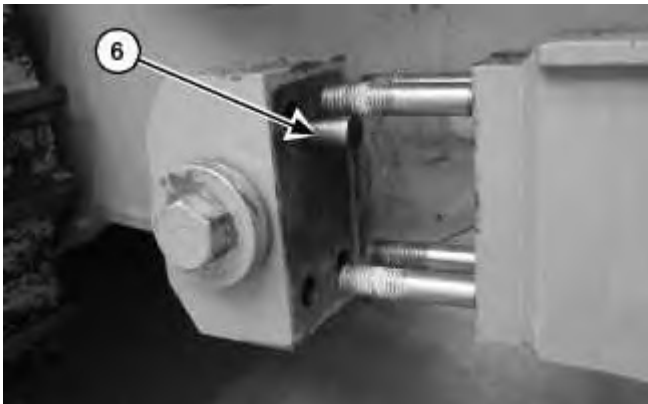


Illustration 5

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Typical Example

6. Remove dowels (6) from both sides of the machine, if necessary.

Installation Procedure

1. Install ripper (4) in the reverse order of removal.
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