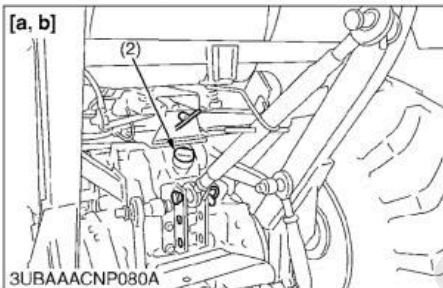
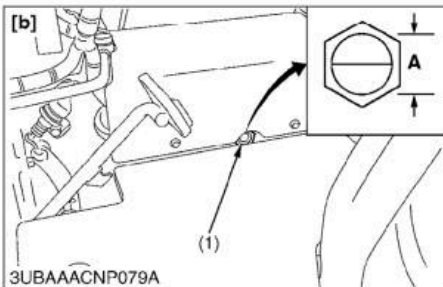
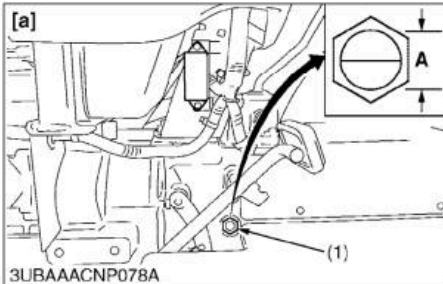


WSM

WORKSHOP MANUAL
BACKHOE

BH77

Кубота



Checking Transmission Fluid Level [L2800, L3400, L3700SU, L3200 and L3800]

1. Check that the tractor hydraulic fluid level.
2. View the fluid level through the fluid level gauge (1).
3. If the level is too low, replenish new oil.

■ IMPORTANT

- Use only KUBOTA UDT or SUPER UDT fluid. Use of other oils may damage the transmission or hydraulic system. Refer to "3. LUBRICANTS".

- (1) Gauge
(2) Oil Filling Port

A: Oil level acceptable within this range.

[a] Manual Transmission
[b] HST Transmission

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Retightening Backhoe Hardware

1. Check all hardware before daily operation.
2. If the screws, bolts and nuts are loosen, retighten them to the specified torque.

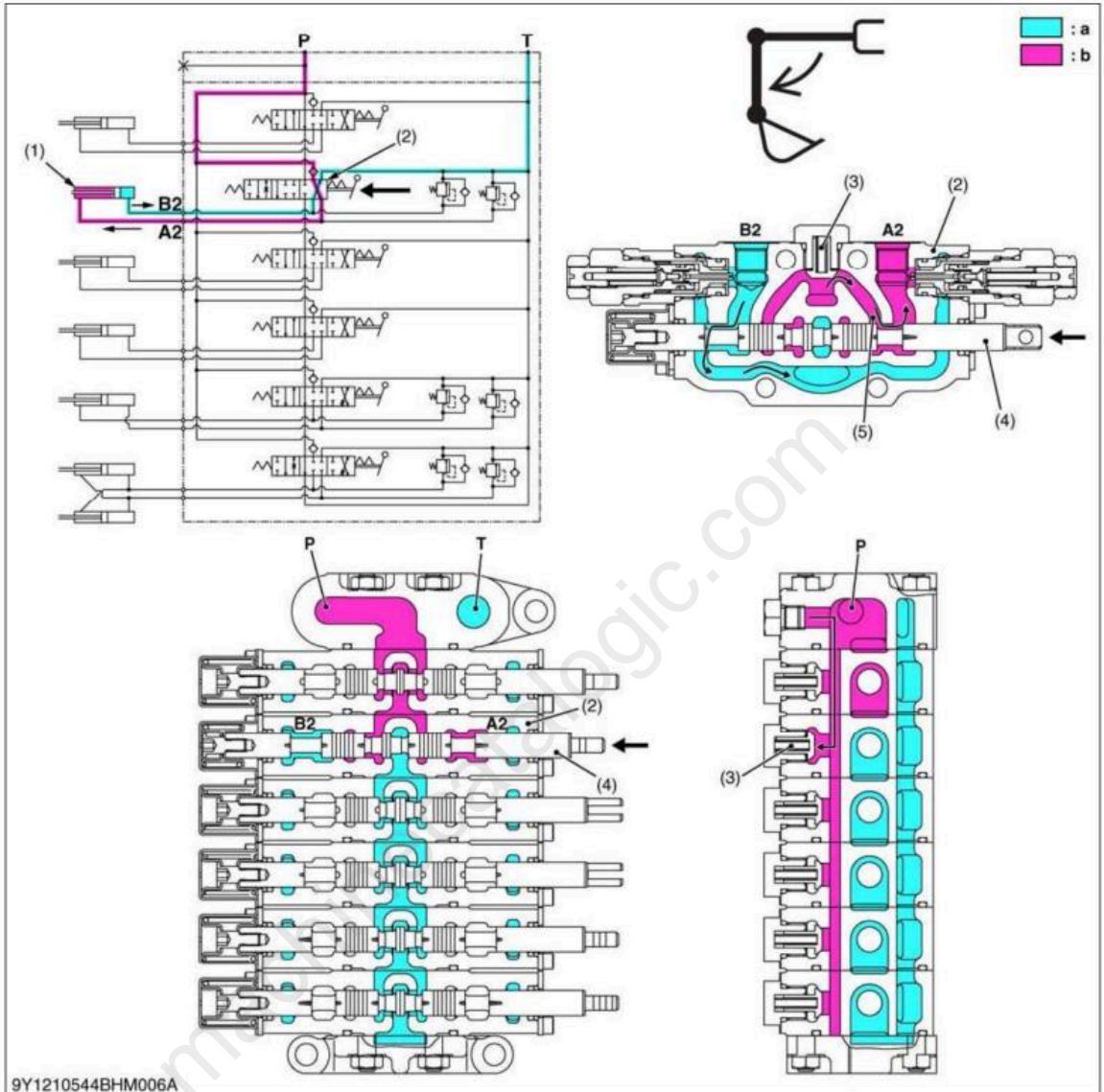
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Checking Hydraulic Hoses

1. Check all hydraulic hoses for cuts or wear.
2. If defects are found, replace them.

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Extend

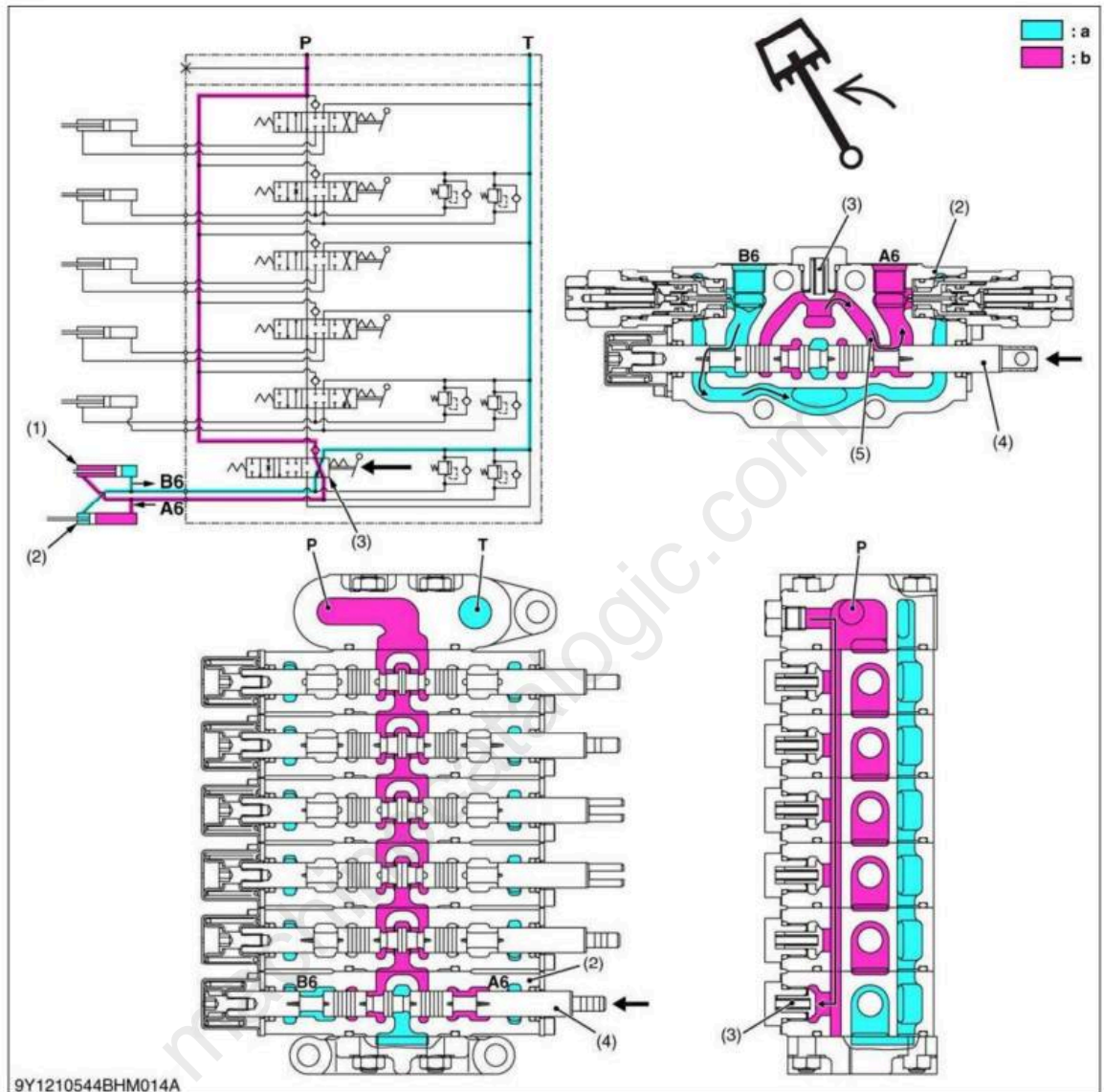


- | | | | |
|-------------------------------|--------------------|-------------------------|---|
| (1) Dipperstick Cylinder | (4) Spool | P: P Port | A2: A2 Port
(To Dipperstick Cylinder) |
| (2) Dipperstick Control Valve | (5) Bridge Passage | T: T Port | B2: B2 Port
(From Dipperstick Cylinder) |
| (3) Load Check Valve | | a: Low Pressure | |
| | | b: High Pressure | |

1. When the lever of dipperstick and bucket is pushed to the forward to set to the "EXTEND" position, the spool (4) of the dipperstick control valve (2) moves to the left. This movement forms oil passage between bridge passage (5) and **A2** port, also between **B2** port and **T** port.
2. The pressurized oil from the **P** port opens the load check valve (3) and flows to **A2** port to retract the dipperstick cylinder (1).
3. Return oil from the dipperstick cylinder (1) returns to the transmission case through the **B2** port, low pressure passage and **T** port.

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Left



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- (1) Swing Cylinder L.H.
- (2) Swing Cylinder R.H.
- (3) Swing Control Valve

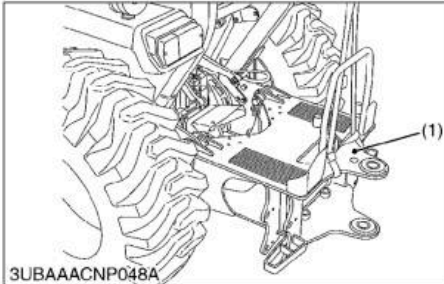
- (4) Load Check Valve
- (5) Spool
- (6) Bridge Passage

P: P Port
T: T Port
a: Low Pressure
b: High Pressure

A6: A6 Port
(To Swing Cylinder)
B6: B6 Port
(From Swing Cylinder)

1. When the lever of boom and swing is moved to the left to set to the "LEFT" position, the spool (5) of the swing control valve (3) moves to the left. This movement forms oil passage between bridge passage (6) and **A6** port, also between **B6** port and **T** port.
2. The pressurized oil from the **P** port opens the load check valve (4) and flows to **A6** port to extend the swing cylinder R.H. (2) (retract the swing cylinder L.H. (1)).
3. Return oil from the swing cylinders returns to the transmission case through the **B6** port, low pressure passage and **T** port.

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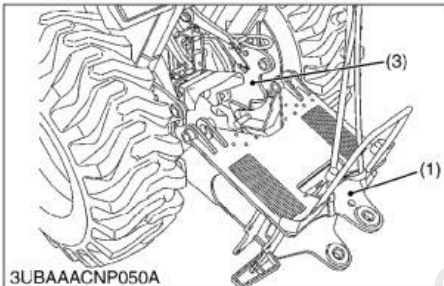
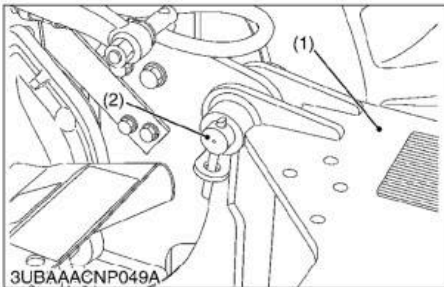


Backhoe Main Frame

1. Hoist the backhoe main frame (1) and remove the pins (2) from tractor sub frame.
2. Separate the backhoe main frame (1) from the tractor sub frame (3).

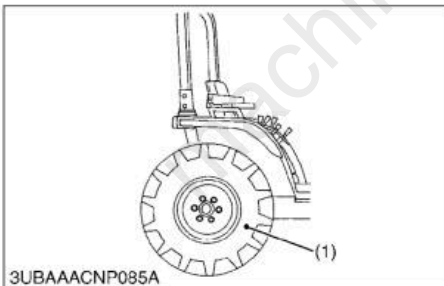
- (1) Backhoe Main Frame (3) Tractor Sub Frame
 (2) Pin

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[4] DISASSEMBLING AND ASSEMBLING SUB FRAME

(1) B3200 and B3300SU Model



Rear Wheel

1. Place disassembling stand under the tractor frame, and support it with a jack.
2. Remove the rear wheels (1).
3. After removing the rear wheels, support it on both sides of rear axle by stand.

(When reassembling)

Tightening torque	Rear wheel mounting nut	167 to 191 N·m 17.0 to 19.5 kgf·m 123 to 141 lbf·ft
	Rear wheel mounting screw	196 to 225 N·m 20.0 to 23.0 kgf·m 145 to 166 lbf·ft

- (1) Rear Wheel

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Full Version Available

Kubota BH77 Backhoe Workshop Manual

This is a short preview. The complete manual contains all chapters, wiring diagrams, torque specifications and full service procedures.

VIEW THE FULL MANUAL

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