

# REMOVING THE BACKHOE

## REMOVAL OF THE BACKHOE

### CAUTION

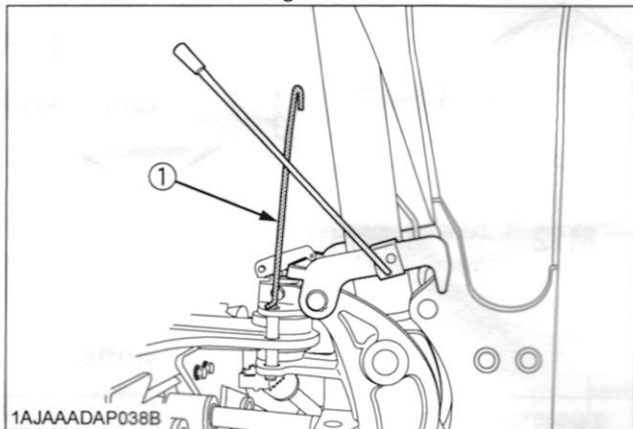
To avoid personal injury:

- When starting the engine, always sit in the tractor operator's seat.
- When getting off the tractor, make sure that PTO lever is off and range gear shift lever is in neutral. Then set the parking brake.
- Keep hands, feet and body from between tractor and backhoe. Never allow any part of body under the machine.
- When leaving the backhoe operator's seat, fully lower the boom to the ground.
- When removing the backhoe set the swing lock pin.

### IMPORTANT :

- When removing the backhoe, set the engine speed low idle.
- For removing the backhoe, locate the tractor / loader / backhoe on a flat level and hard surface, preferably concrete. If the surface is soft, place a board on the ground for the bucket and stabilizers.

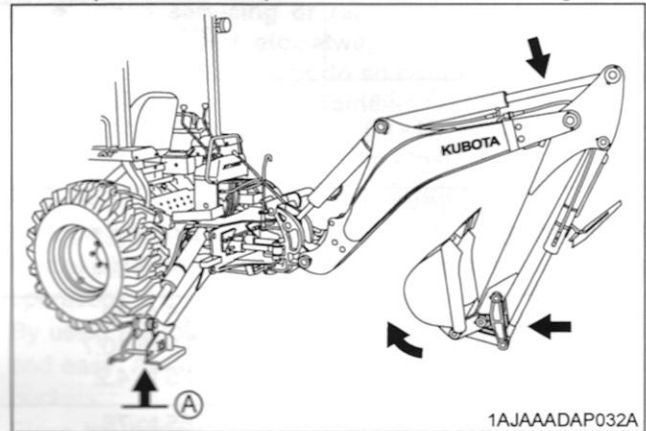
1. Set the swing lock pin to prevent the pivoting of the boom before removing the backhoe.



(1) Swing lock pin

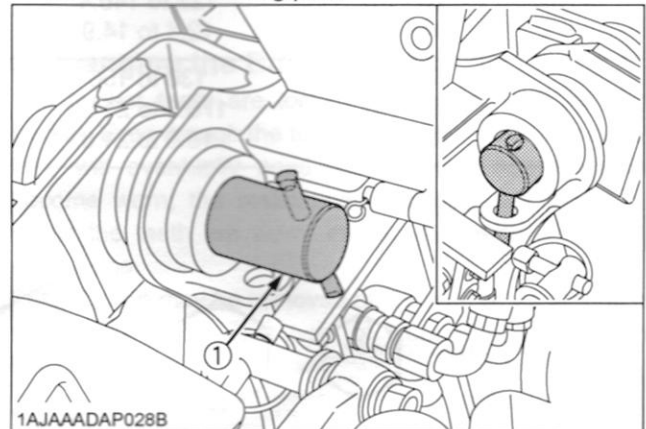
2. Stand beside the rear tire, fully close the dipperstick, curl the bucket and lower the boom until the back of bucket contacts the ground.

3. Keep the stabilizer pads at about 15 inches high.



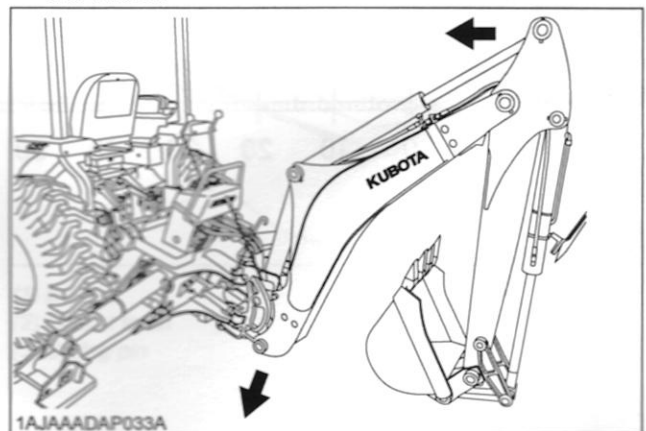
(A) 15 inches

4. Raise the rear wheels slightly with the boom and remove the mounting pins.

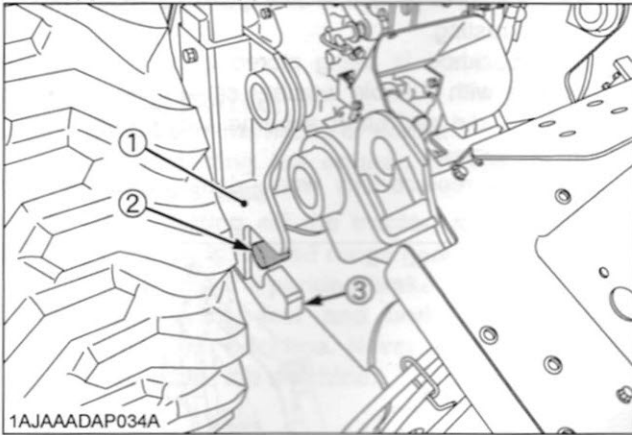


(1) Mounting pin

5. Slowly raise the boom to disengage the backhoe from the tractor.



6. Raise the backhoe by operating the stabilizers to the lowering direction until the mount bars hit to the guide stopper on the support hooks.



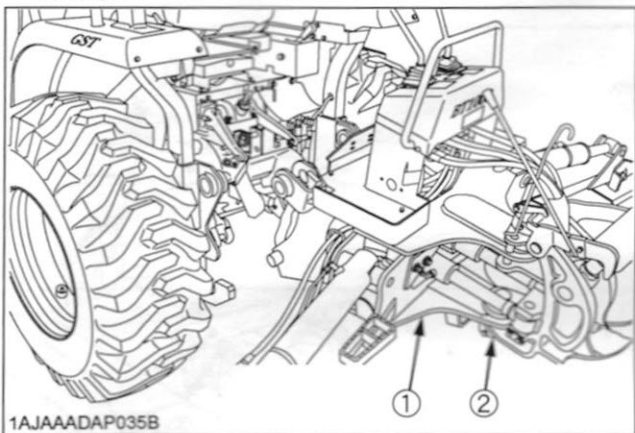
- (1) Guide stop
- (2) Mount bar
- (3) Support hook

7. Move the tractor forward from the backhoe about 8 inches.

**IMPORTANT :**

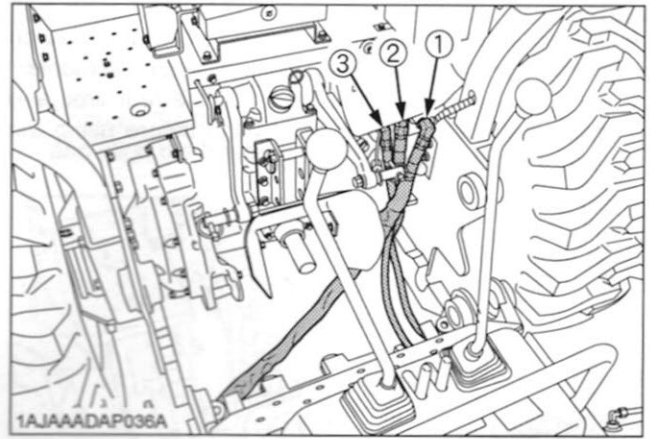
- Be careful not to damage or break the hoses when moving the tractor.

8. Lower the main frame and swing frame onto the ground by operating the boom and stabilizer control levers.



- (1) Main frame
- (2) Swing frame

9. Shut off the engine and set the parking brake.
10. Slowly release all hydraulic pressure by moving the backhoe hydraulic control levers in all directions.
11. Disconnect the three hydraulic hoses.



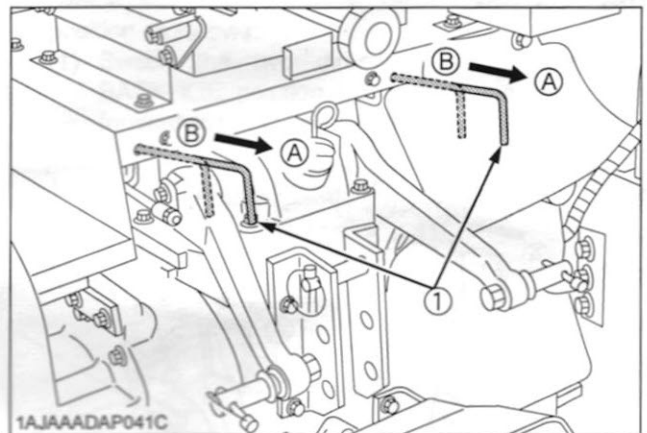
- (1) Inlet hose
- (2) Return hose
- (3) Swing inlet hose

**IMPORTANT :**

- Install the dust plugs and the dust cap onto the tractor's hydraulic couplers and nipple to prevent contamination.

12. Switch the two directional valve levers position as follows:

- (1) Switch the two directional valve levers to THREE POINT HITCH position by pulling the lever fully backward over the feel position.



- (1) Directional valve levers
- (A) Three point hitch position
- (B) Backhoe position

**IMPORTANT :**

- After dismantling the backhoe, set the directional valve levers in "THREE-POINT HITCH POSITION (A)". If not, the tractor will not start.
- Do not forget to change the two directional valve levers, otherwise the hydraulic system may be damaged.

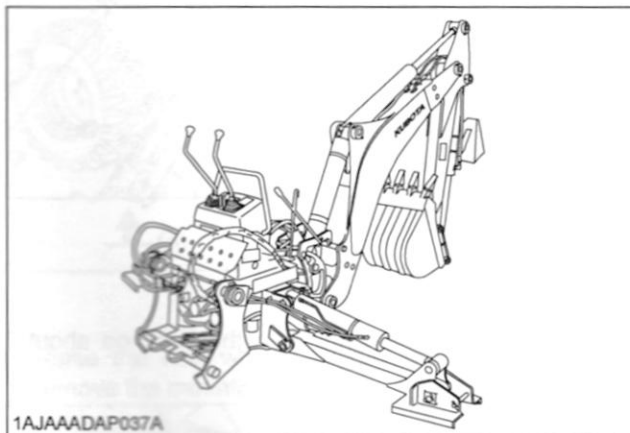
13. Restart the engine.  
Then drive the tractor / loader slowly away from the backhoe.
14. Shut the engine off and remove the key from the tractor. Set the parking brake.

**NOTE :**

- The entire three point hitch can now be reinstalled on the tractor for use with other rear mount implements.
- Be sure that is sufficient ballast in the rear tires and implement on the three point hitch before using the loader with backhoe removed.

**STORAGE OF THE BACKHOE**

1. Store the backhoe in a dry place.
2. Apply a coat of grease to all exposed cylinder rods to prevent rusting.
3. If the backhoe is being stored outside, cover the backhoe with suitable weather cover. This will keep moisture, dirt and other airborne debris from getting into the system.
4. Repair or replace any worn, damaged or missing parts.

**IMPORTANT :**

- When storing the backhoe, install the dust caps and the dust plug onto the backhoe's hydraulic nipples and coupler to prevent contamination.