Before You Start

When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

IMPORTANT: Before you begin, read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

To see color training photos on Dealer Access, select “Dealer Training” under PARTS SUPPORT and look for “Third Function Valves.”

Your BX Third Function Valve Kit is exclusively designed for your Kubota 60 & 70 series BX tractors. Please read these installation instructions thoroughly before assembling this kit to your Kubota tractor and loader. Especially read information relating to safety concerns.

Additional information on operation, maintenance, and troubleshooting can be downloaded free of charge from our website at www.landpride.com. Download Land Pride Operator’s Manual for the following models:

- SGC0548 . . . . . . . . . . . . . . . . . . . . . . . . . . . 380-138M
- CB0550 . . . . . . . . . . . . . . . . . . . . . . . . . . . . 381-139M

A detailed listing of parts for this accessory kit is provided on page 4. Keep this manual for ordering replacement parts from your nearest Land Pride dealer. This manual can also be downloaded free of charge from our web site at www.landpride.com. Download manual 380-145M.

General Information

These assembly instructions apply to the following BX Third Function Valve Kit listed below:

380-137A VALVE KIT, BX THIRD FUNCTION

Further Assistance

Your dealer wants you to be satisfied with your new BX Third Function Valve Kit. If you do not understand any part of this manual, or are not satisfied with the service received, the following actions are suggested:

1. Discuss the matter with your dealership service manager making sure that person is aware of your questions/problems and has had the opportunity to assist you.
2. If you are still not satisfied, explain the problem to the owner or general manager of the dealership.
3. For further assistance write to:

Land Pride Service Department
P.O. Box 5060
Salina, Ks. 67402-5060
E-mail address: lpservicedept@landpride.com

Assembly Instructions

A detailed listing of parts for this kit is provided on page 4 as a checklist to inventory parts received. Please contact your local Land Pride dealer for any missing hardware.

Initial Preparations

The steps listed below must be followed before installing this kit:

1. Park tractor on a flat surface, Place gear shift lever in park, turn off engine and remove ignition key.

Valve Assembly

Refer to Figure 1 & Figure 2 on page 2:

1. Attach valve assembly support bracket (#2) to existing hole “A” in tractor platform with 5/16” x 1” bolt (#6) and hex whiz nut (#8). Tighten hex whiz nut to 17 ft-lbs.
2. Route hydraulic hoses (#13 & #17) left of mounting bracket (#2) and down beneath tractor platform.
Connect Hydraulic Hoses to Power Beyond

Refer to Figure 1 & Figure 2:

**IMPORTANT:** Land Pride recommends that your dealer connects hydraulic hoses (#13 & #17) to your tractor’s power beyond ports. Improper hook-up could cause damage to your tractor or valve.

1. Place chocks in front and back of tractor’s left rear wheel.
2. Loosen lug nuts on right rear wheel. Do not remove lug nuts at this time.
3. Jack right rear wheel off the ground and place a jack stand under the right rear wheel axle.
4. Lower right rear axle onto the jack stand. The wheel should still be slightly off the ground. Make sure jack stand is secure and will not slip out from under tractor axle.
5. Remove lug nuts and right rear wheel.
6. Locate steel line connecting power beyond port of the loader valve to the outlet block. The outlet block is directly behind the right rear tire. The steel line is two shorter lines connected together to make one long steel line. Remove the rear short line.
7. Connect free end of hydraulic hose (#17) to power beyond port on the outlet block.
8. Connect free end of hydraulic hose (#13) to the remaining front short steel line, which is connected to the loader valve.
9. Secure hoses to underside of tractor with cable ties (#4).
10. Replace right rear wheel and screw lug nuts on until snug.
11. Jack axle up and remove jack stand.
12. Lower tractor down and tighten lug nuts in a crisscross pattern. Refer to tractor Operator’s Manual for proper torque value.
13. Remove chocks.

Control Lever Assembly

Refer to Figure 3 on page 3:

1. Remove existing knob from end of control lever “B”.
2. Install new joystick (#14) over end of control lever “B” with push buttons “C” facing operator.
3. Tighten set screws (#5) against control lever “B”. Tighten jam nuts (#7) to secure set screws.
Refer to Figure 2 on page 2:
4. Connect one black wire in harness (#20) to one black wire in harness (#21) and the other black wire to one white wire in harness (#21).
5. Connect two red wires from harness (#20) to wire harness (#16) with fuse holder (#15).
6. Connect opposite end of fuse holder wire (#16) to the battery’s positive (+) post.
7. Secure harness (#16, #20, & #21) with cable ties (#4).

Cross Beam Mount Assembly
Refer to Figure 2 on page 2 & Figure 4:
1. Orient as shown and attach bulk head mount (#1) to the right-hand side of loader crossbeam with u-bolt (#11) and hex whiz nuts (#9). Tighten hex whiz nuts to 20 ft-lbs.

Refer to Figure 2 on page 2 & Figure 5:
2. Route hoses (#18 & #19) along loader arm and through loader loop bracket to the “Third Function Valve Assembly”.
3. Connect hydraulic hose (#18) to port “A” on the left-hand side of valve block (#12).
4. Connect hydraulic hose (#19) to port “B” on the right-hand side of valve block (#12).
5. Secure hydraulic hoses (#18 & #19) as needed with cable ties (#4).

Hose Holder Bracket Assembly
Refer to Figure 2 on page 2 & Figure 4:
1. Attach hose holder bracket (#3) to the loader’s right-hand arm as shown in Figure 4 with 3/8"-16 x 3 1/32" x 2 3/4" u-bolt (#10) and hex whiz nuts (#9).
2. Tighten whiz nuts to the correct torque.

Check Operation & Fluid Level
1. After hooking implement to the tractor front loader and “Third Function Valve Assembly”, operate hydraulics with the push-buttons on the joystick.
2. Refer to Figure 4: Switch implement hydraulic hoses at disconnect couplers if hydraulic cylinder(s) operate opposite direction intended.

IMPORTANT: Refer to your tractor Operator’s Manual for recommended hydraulic fluid and procedure for checking hydraulic fluid level.
3. Once hoses and cylinder(s) are full of hydraulic fluid, check tractor hydraulic fluid level.
4. If low, add recommended hydraulic fluid.
## Parts List

### Kit No. 380-137A

**VALVE KIT, BX THIRD FUNCTION**

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Part Description</th>
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<tr>
<td>1</td>
<td>380-165S</td>
<td>ASSEMBLY, PUSH BUTTON CONTROL HANDLE</td>
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<td>2</td>
<td>380-223D</td>
<td>PLATE, BX BLKHD MOUNT</td>
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<td>3</td>
<td>380-224D</td>
<td>PLATE, BX VALVE MOUNT</td>
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<td>4</td>
<td>380-226D</td>
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<td>5</td>
<td>800-112C</td>
<td>CABLE TIES</td>
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