

L 02 Third Function Valve Kit



Installation Instructions

Manual No. 380-366M

**For L3302 & L3902 Kubota ROPS Tractors with LA526 Loader
and L2502 & L4802 Kubota ROPS Tractor with LA766 Loader**

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!



California Proposition 65

WARNING: Handling passenger or off-highway motor vehicle parts can expose you to chemicals such as phthalates and lead, which can cause cancer and reproductive harm. To minimize exposure, service the vehicle in as well ventilated area, wear gloves, and wash your hands. For more information refer to: www.P65Warnings.ca.gov/motor-vehicle-parts

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

General Information

Your L02 Third Function Valve Kit has been designed for the L3302 and L3902 Kubota ROPS tractors with the LA526 front loader, and L2502 and L4802 Kubota ROPS Tractor with LA766 front loader. These instructions apply to the Third Function Valve Kit Accessories listed below:

380-362A: 3FVK PC L3902 page 2

380-363A: 3FVK FF L3902 page 2

Further Assistance

Your Land Pride dealer wants you to be satisfied with your new L02 Third Function Valve Kit. The following actions are suggested if for any reason you do not understand any part of this manual or are unhappy with the service received:

1. Discuss any problems you have with your dealership service personnel so they can address the problem.
2. If you are still not satisfied, seek out the owner or general manager of the dealership, explain the question/problem, and request assistance.
3. For further assistance write to:

Land Pride Service Department
1525 East North Street
P.O. Box 5060
Salina, Ks. 67402-5060
E-mail address
lpservice@landpride.com

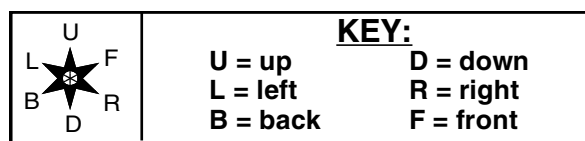
Assembly Instructions

A detailed listing of parts for your Third Function Valve Kit is provided on page 19 when using flat-face couplers and page 21 when using pioneer couplers.

Use the list that is specific to your Third Function Valve Kit as checklist to inventory parts received. Please contact your local Land Pride dealer for any missing hardware.

Direction Reference

All directional references are made from the operator seat while facing the direction the machine will operate.



Directional Arrows Used in Illustrations

Initial Preparations



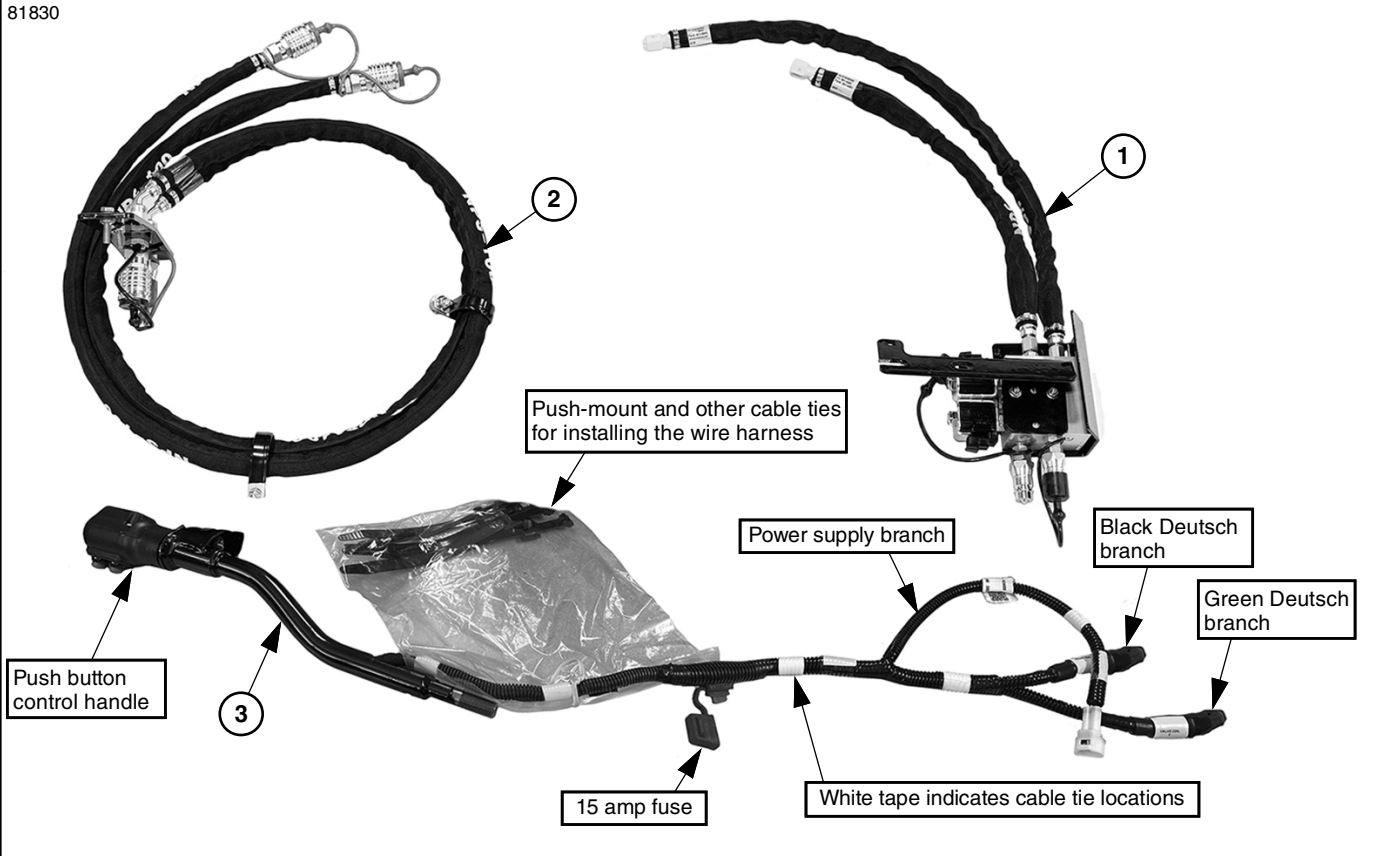
CAUTION

To avoid minor or moderate injury:

Hydraulic fluid can become hot as it flows through components such as hydraulic couplers, hoses, lines, fittings, motors, etc. Wear gloves when working with hydraulic components including while connecting and disconnecting couplers. Allow hydraulic components to cool before touching them.

If attached, disconnect front loader from the tractor as follows before installing this kit. If front loader is not connected, skip to step 5.

1. Park tractor with front loader on a solid, level surface. Prepare loader to support itself before disconnecting it from your tractor. Refer to your tractor's operator/loader manual for detailed instructions.
2. Turn tractor engine off, relieve all hydraulic pressure from the hydraulic lines by operating the loader control lever in all directions, and then lock control lever to prevent additional movement.
3. Disconnect loader hydraulic lines from the loader valve block.
4. Restart tractor and slowly back away from the loader.
5. Park tractor on a flat, level surface. Put tractor in park or set park brake, turn off engine, and remove ignition key to prevent unauthorized starting.
6. As a safety precaution, disconnect the negative battery cable from the battery terminal. Move cable away from the terminal to avoid accidental contact.



L02 Third Function Valve Kit with Flat-Face Couplers (FFC) for Kubota ROPS Tractor
Figure 1-1

Before You Start

Read and understand this Manual. An understanding of how this Third Function Valve works will aid in its assembly and set-up.

To speed up the assembly task and make the job safer, have all needed parts and equipment readily at hand.

This ROPS Third Function Valve has been partially assembled into three sub-assemblies at the factory. Some additional preparations will be necessary to finish assembling the valve to the L2503, L3302, L3902, or L4802 Kubota tractor. The three sub-assemblies are as follows:

Refer to Figure 1-1:

Item	Description
1	Third Function Valve Sub-Assembly
2	Loader Hydraulic Hose Sub-Assembly
3	Push Button Wire Harness Sub-Assembly

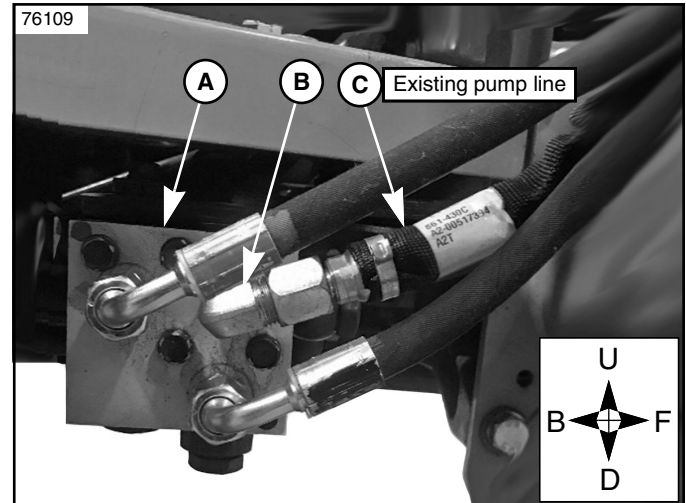
Remove Existing Pump Line

Refer to Figure 1-2 & Figure 1-3:

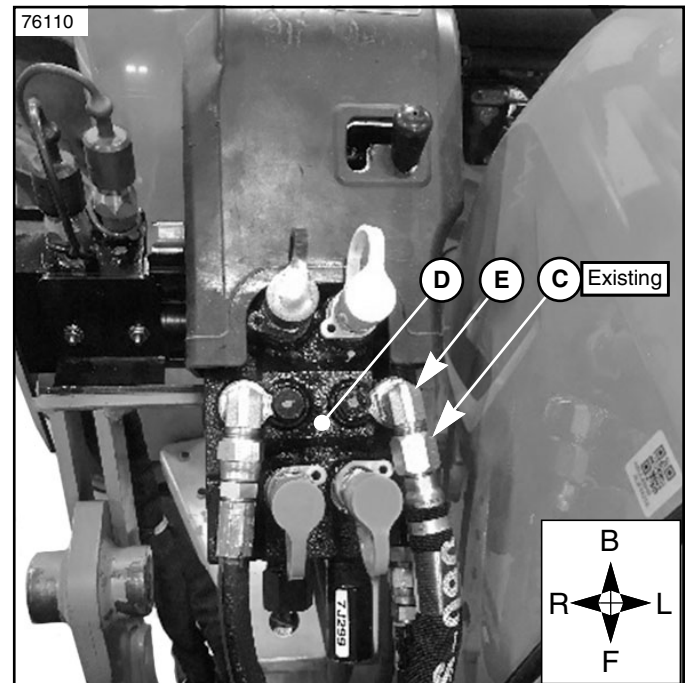
NOTE: Identify the existing hydraulic pump line (C) by its orange color marking.

Before installing the Third Function valve Kit, remove hydraulic hose (C) running from tractor outlet block (A) to loader valve block (D) as follows:

1. Remove existing pump line hose (C) from elbow (B) in tractor outlet block (A). Do not remove elbow.
2. Remove opposite end of existing pump line hose (C) from elbow (E) in loader valve block (D). Do not remove elbow.
3. Store removed hydraulic hose (C) for safe keeping.



Existing Pump Line (C) at Tractor Outlet Block (A)
Figure 1-2



Existing Pump Line (C) at Loader Valve Block (D)
Figure 1-3

Mount Third function Valve

NOTE: Refer to Figure 1-4: Identification letters have been engraved next to each port on the third function valve. Once secured, ports "A" & "B" must

NOTE: Mount (F) shown in Figure 1-5 supports loader valve block (D) shown in Figure 1-8 on page 5. Third Function Valve mount (#1) in Figure 1-4 is installed under Mount (F).

Refer to Figure 1-4 & Figure 1-5:

1. On the left-hand side of loader valve block mount (F), loosen existing bolt (G1) only enough to slip third function valve mount (#1) under mount (F). Do not remove nut and lock washer from bolt (G1).
2. On the right-hand side of mount (F), remove existing bolt (G2) from hole (H). Keep removed bolt and its hardware for reuse.
3. Insert open end slot (a) shown in Figure 1-4 under mount (F) shown in Figure 1-5 and around bolt (G1).
4. Rotate third function valve mount (#1) up to align slotted hole (b) with round hole (H).

Refer to Figure 1-6 on page 5:

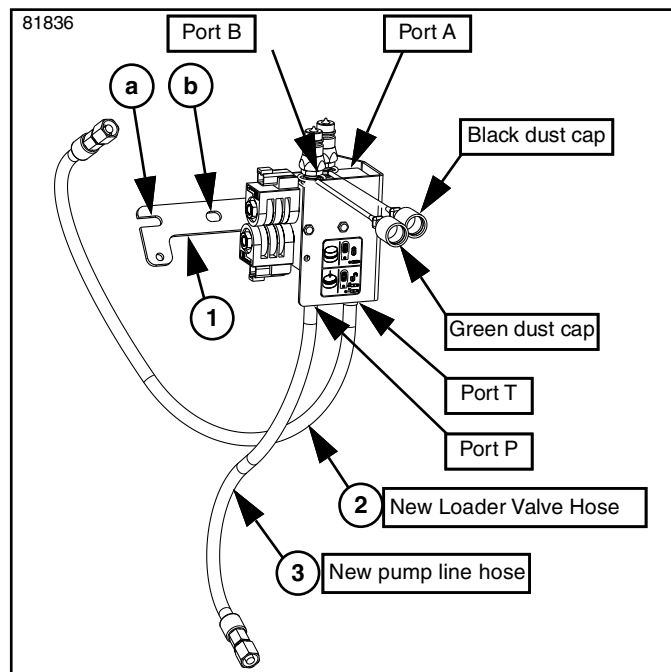
5. Reinsert removed bolt (G2) and secure it with removed lock washer and nut.
6. Tighten nuts securing bolts (G1 & G2) to 67 ft-lbs (91 N-m).

Refer to Figure 1-8 on page 5:

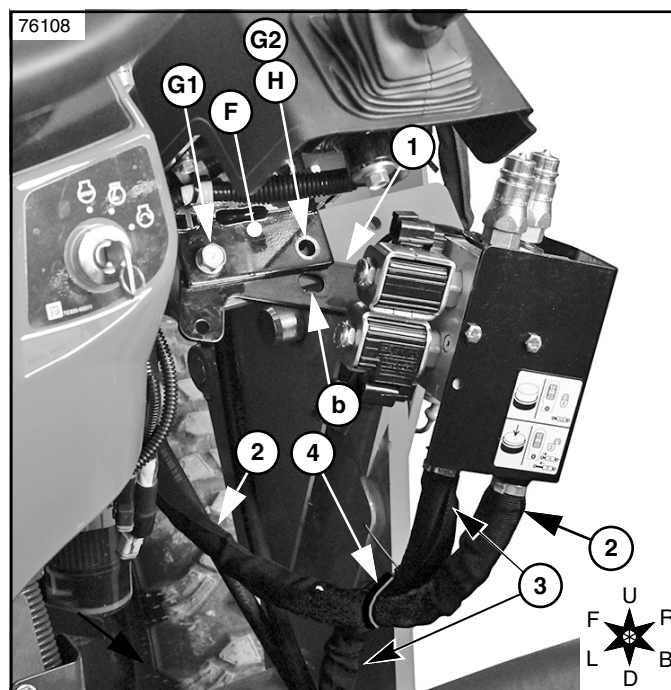
7. Attach loader valve hose (#2) to elbow (E) in loader valve block (D). Tighten hose to the elbow to prevent oil leakage.

Refer to Figure 1-7 on page 5:

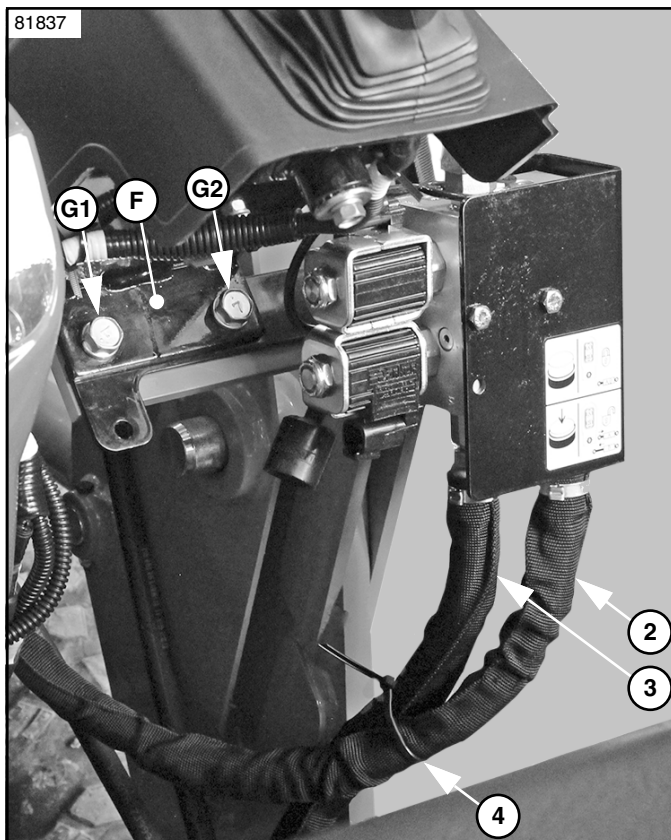
8. Attach new pump line hose (#3) to elbow (B) in tractor valve block (A). Tighten hose to the elbow to prevent oil leakage.



Third Function Valve Sub-Assembly
Figure 1-4



Third Function Valve Mounting Procedure
Figure 1-5



Install First Cable Tie
Figure 1-6

Install Cable Ties Around Hydraulic Hoses

Refer to Figure 1-6:

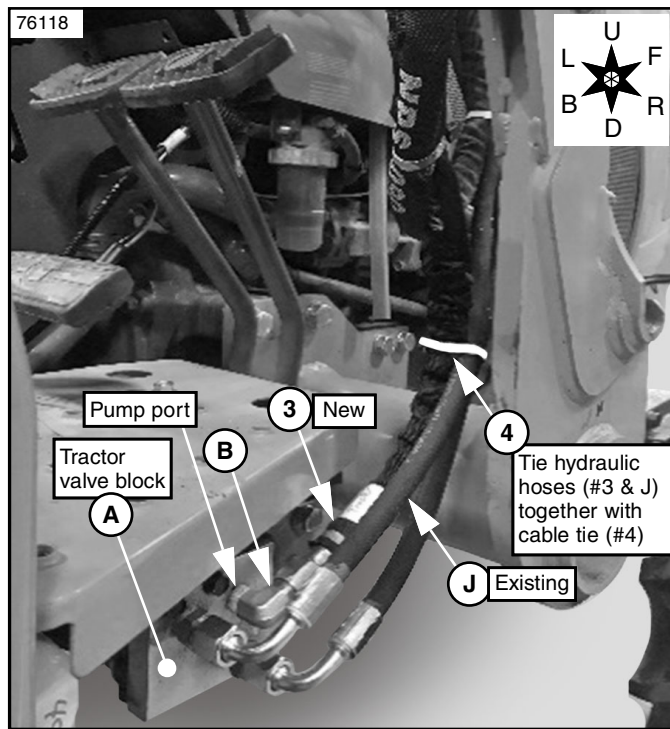
1. Secure new loader valve hose (#2) to hose (#3) with cable tie (#4) in the location shown.

Refer to Figure 1-7:

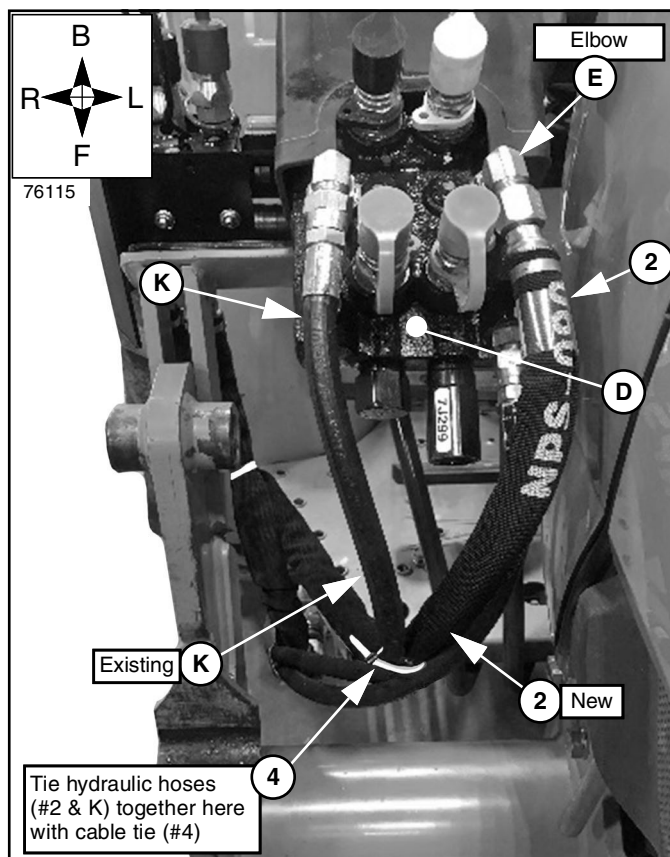
2. Secure new pump line hose (#3) to existing hose (J) with cable-tie (#4) in the location shown.

Refer to Figure 1-8:

3. Secure new loader valve hose (#2) to existing hose (K) with cable-tie (#4) in the location shown.



Install Second Cable Tie
Figure 1-7

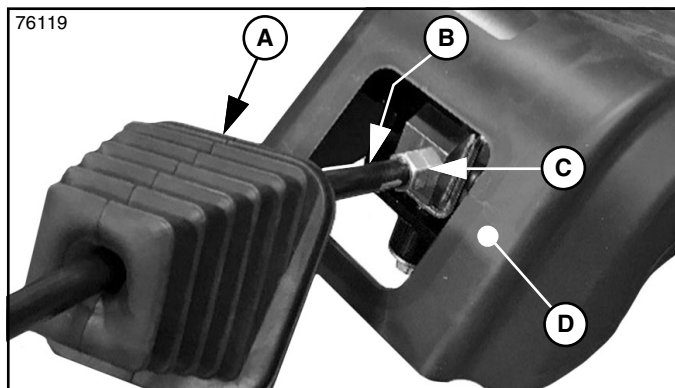


Install Third Cable Tie
Figure 1-8

Disassemble Existing Control Lever

Refer to Figure 1-9:

1. Pull control lever's rubber boot (A) from loader valve cover (D) to gain access to lock nut (C).
2. Loosen loader lever lock nut (C), then remove existing control lever (B) by unthreading the lever counter clockwise.



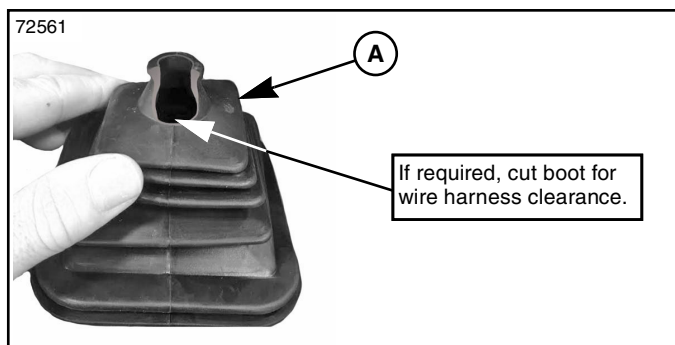
Disassemble Original Loader Control Lever
Figure 1-9

3. Remove control lever lock nut (C) and rubber boot (A) from original control lever (B) for re-installation on the new third function control lever.
4. Store original control lever (B) for safe keeping.

Install Third Function Control Lever

Refer to Figure 1-10:

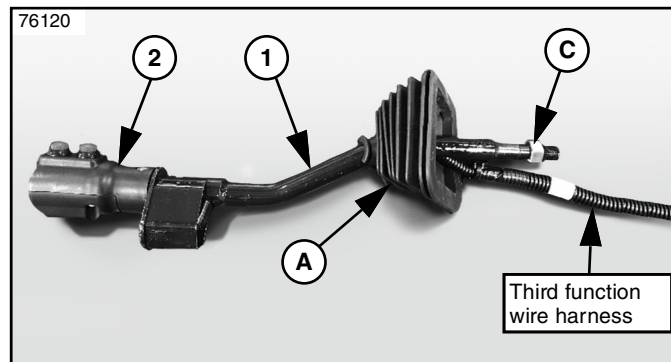
1. If needed, make a relief cut in rubber boot (A) to allow clearance for the third function wire harness.



Control Lever Boot Modification
Figure 1-10

Refer to Figure 1-11:

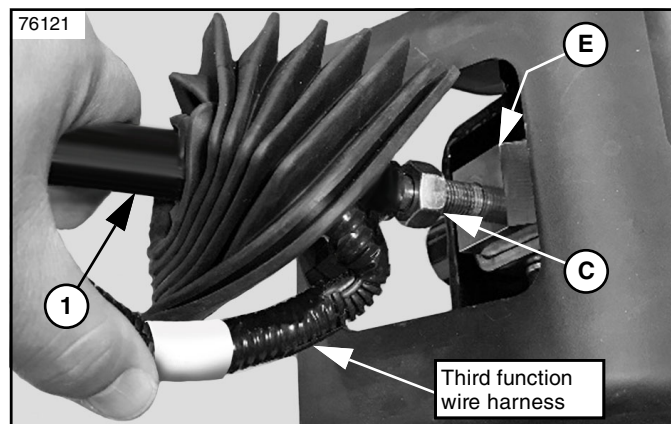
2. Insert threaded side of the new third function control lever (#1) and its corresponding wire harness through rubber boot (A).
3. Hand thread existing lock nut (C) onto the base end of the new third function control lever (#1).



Prepare Third Function Control Lever Assembly
Figure 1-11

Refer to Figure 1-12:

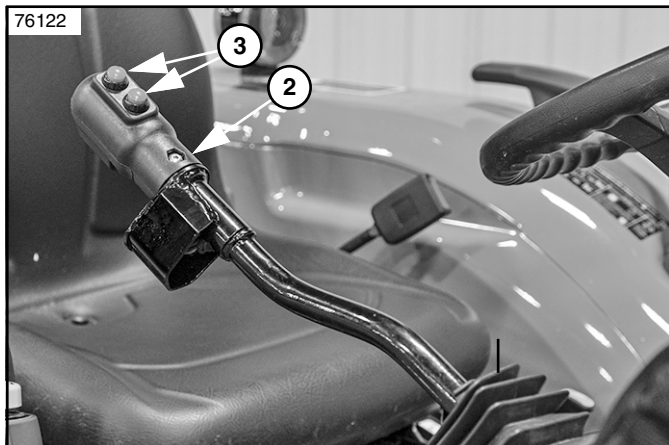
4. Fold wire harness towards control handle (#2 in Figure 1-11), then thread control lever (#1) into mounting block (E) until lock nut (C) is almost in contact with mounting block (E).



Install Third Function Control Lever
Figure 1-12

Refer to Figure 1-13:

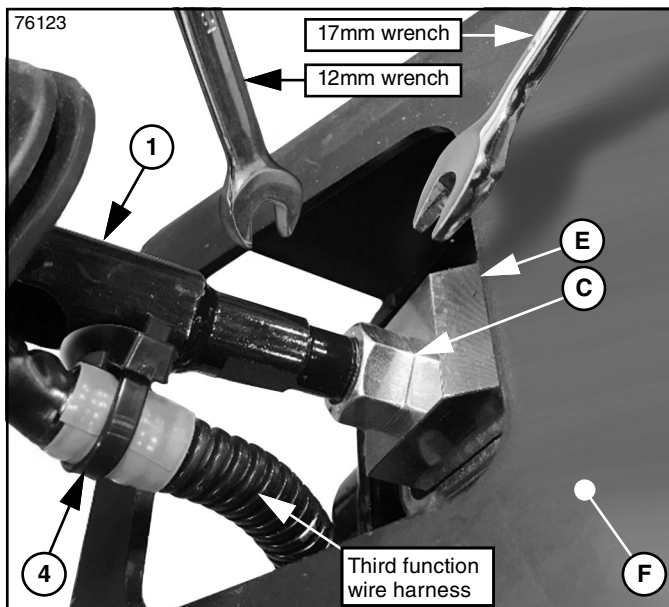
5. Orient control handle assembly (#2) so both red button switches (#3) are facing up or to customer preference.



Orient Third Function Control Handle
Figure 1-13

Refer to Figure 1-14:

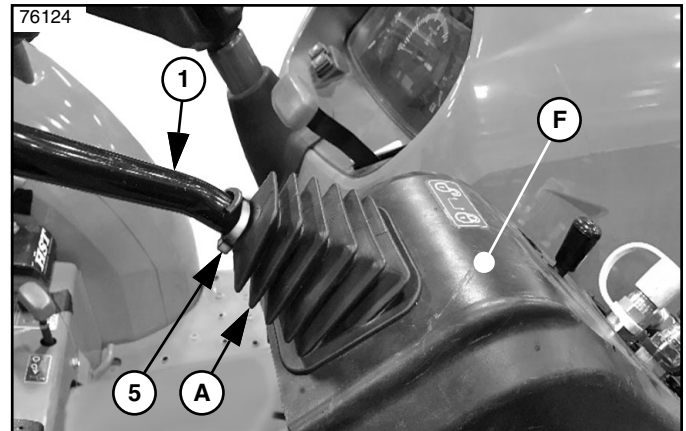
6. Secure control lever (#1) by using a 12mm wrench to hold lever in place, while using a 17mm wrench to tighten lock nut (C) to mounting block (E).
7. Pass the third function wire harness through opening of the loader valve cover (F).
8. Position wire harness to be on bottom right side in opening of the loader valve cover (F).
9. Install push mount cable tie (#4) into the hole in control lever (#1), then secure wire harness to the control lever with cable-tie (#4).



Position Third Function Wire Harness
Figure 1-14

Refer to Figure 1-15:

10. Reinstall rubber boot (A) by inserting its rubber base into the opening of loader valve cover (F).
11. Secure top of rubber boot (A) to control lever (#1) with cable tie (#5).



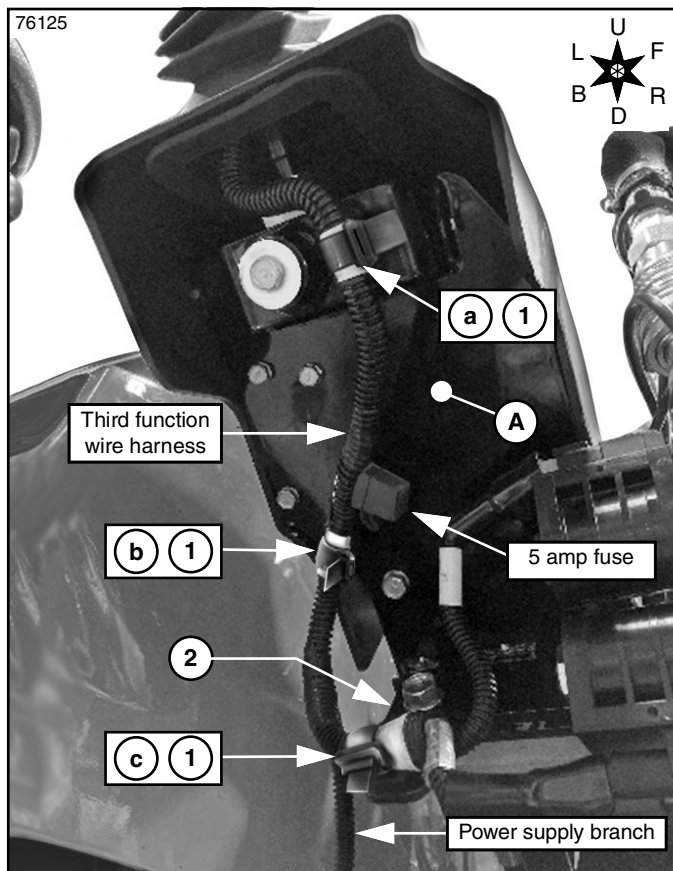
Reinstall Rubber Boot
Figure 1-15

Rout Wire Harness

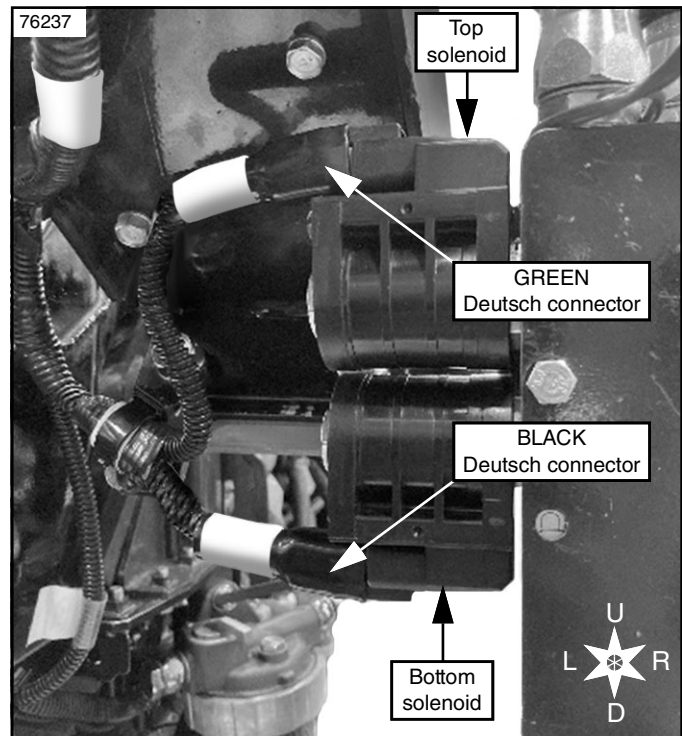
Refer to Figure 1-16:

IMPORTANT: Be sure to secure wire harness at the indicated clamping locations marked with white tape. Secure push-mount style cable ties (#1) to pre-existing holes in tractor and kit components.

1. Route and secure the third function wire harness with push-mount style cable ties (#1) at the following three locations:
 - a. Secure wire harness at locations (a & b) to the loader valve mount (A) with push-mount cable ties (#1).
 - b. Secure wire harness at location (c) to the third function valve mount (#2) with push-mount cable tie (#1).



Securing the Wire Harness
Figure 1-16



Securing & Connecting the Wire Harness
Figure 1-17

Refer to Figure 1-17:

2. Connect GREEN Deutsch connector to the top solenoid on third function valve.
3. Connect BLACK Deutsch connector to the bottom solenoid on third function valve.

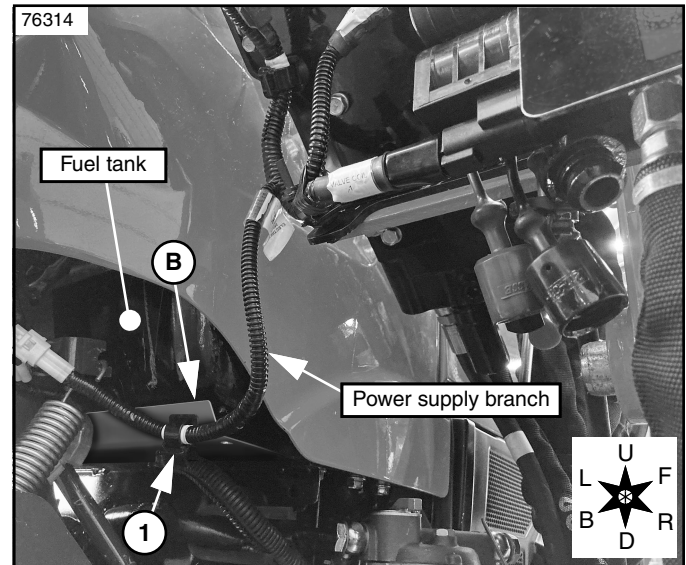
Refer to Figure 1-18 & Figure 1-19:

NOTE: The fuel tank stay (B) is located under the tractor's right side panel, directly below the fuel tank.

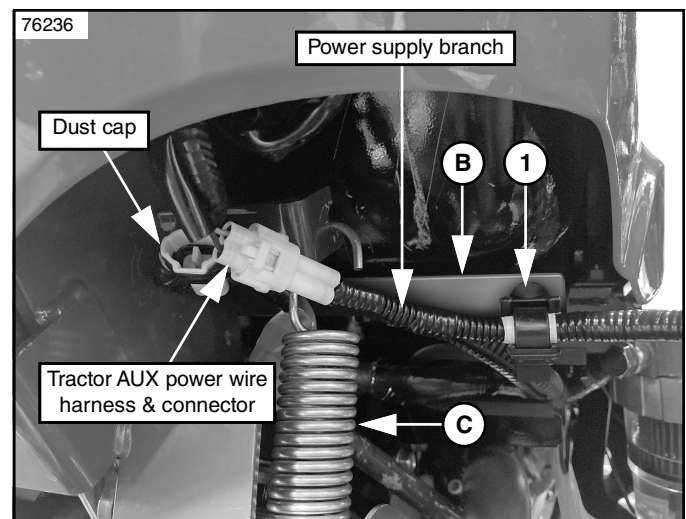
4. Continue routing power supply branch of the third function wire harness down to fuel tank stay (B).
5. Install push-mount style cable tie (#1) in pre-existing corner hole in fuel tank stay (B). Do not secure harness to the cable tie at this time.

Refer to Figure 1-19:

6. Locate the tractor's AUX power wire harness located under the control panel's right side and below the ignition switch. Remove its dust cap.
7. Continue routing power supply branch across fuel tank stay (B), and in front of spring (C).
8. Remove dust cap from connector at the end of the power supply branch.
9. Connect power supply branch to the tractor AUX power wire harness.
10. Secure power supply branch to push-mount cable tie (#1) on fuel tank stay (B).



Locating the Fuel Tank Stay
Figure 1-18



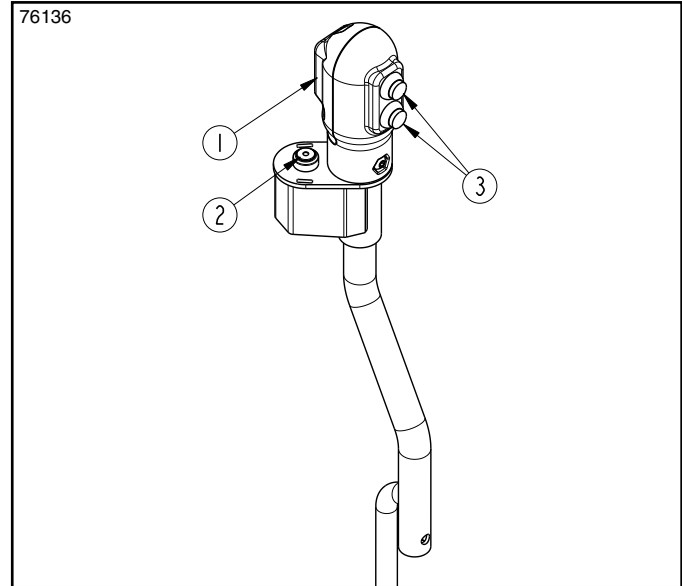
Connecting to Tractor's AUX Power Wire Harness
Figure 1-19

Tractor Side Hydraulic Leak Check

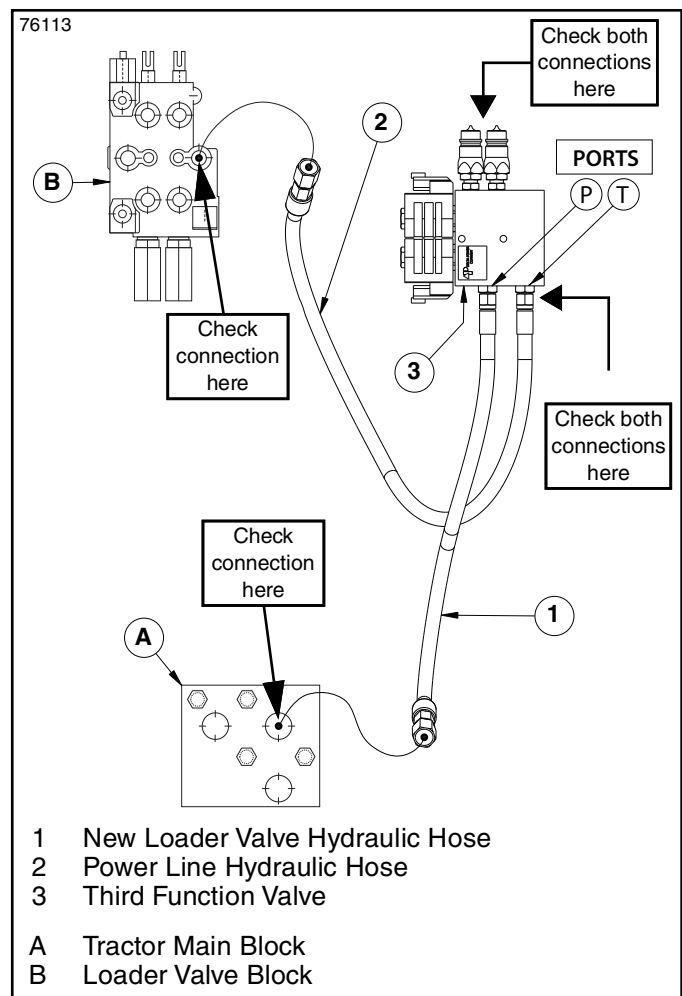
At this point, assembly of the Third Function Valve Kit is partially complete. Before moving on to complete the kit assembly on the loader side, it is best to check all recently assembled components for hydraulic leaks.

Refer to Figure 1-20 & Figure 1-21:

1. It is now safe to reconnect the negative (-) battery cable to the terminal.
2. Start tractor. Refer to the tractor Operator's Manual for detailed instructions.
3. Power on valve kit by pressing power switch (#2) on control handle (#1) into its compressed position.
4. Set RPM to a low idle, then continuously move the newly installed third function control handle (#1) in all directions, while operating red button switches (#3) for 30-45 seconds.
5. Shutdown tractor. Refer to the tractor Operator's Manual for detailed instructions.
6. Depressurize hydraulic system before dismounting.
 - a. Without starting the tractor, turn tractor ignition key to the [ON] position.
 - b. Power on Third Function Valve Kit.
 - c. Press both red button switches (#3) on third function control handle (#1).
7. Dismount tractor and check the newly assembled hydraulic connections for hydraulic leaks. Refer to Figure 1-21.
8. If hydraulic leaks are found, tighten hydraulic connections, then clean up hydraulic leaks. Repeat step 1 through step 7 until there are no more leaks.
9. Once no hydraulic leaks are observed, power off valve kit by pressing power switch (#2) into its decompressed position, and turn ignition key to the [OFF] position.
10. Move on to assembling the loader bulkhead mount.

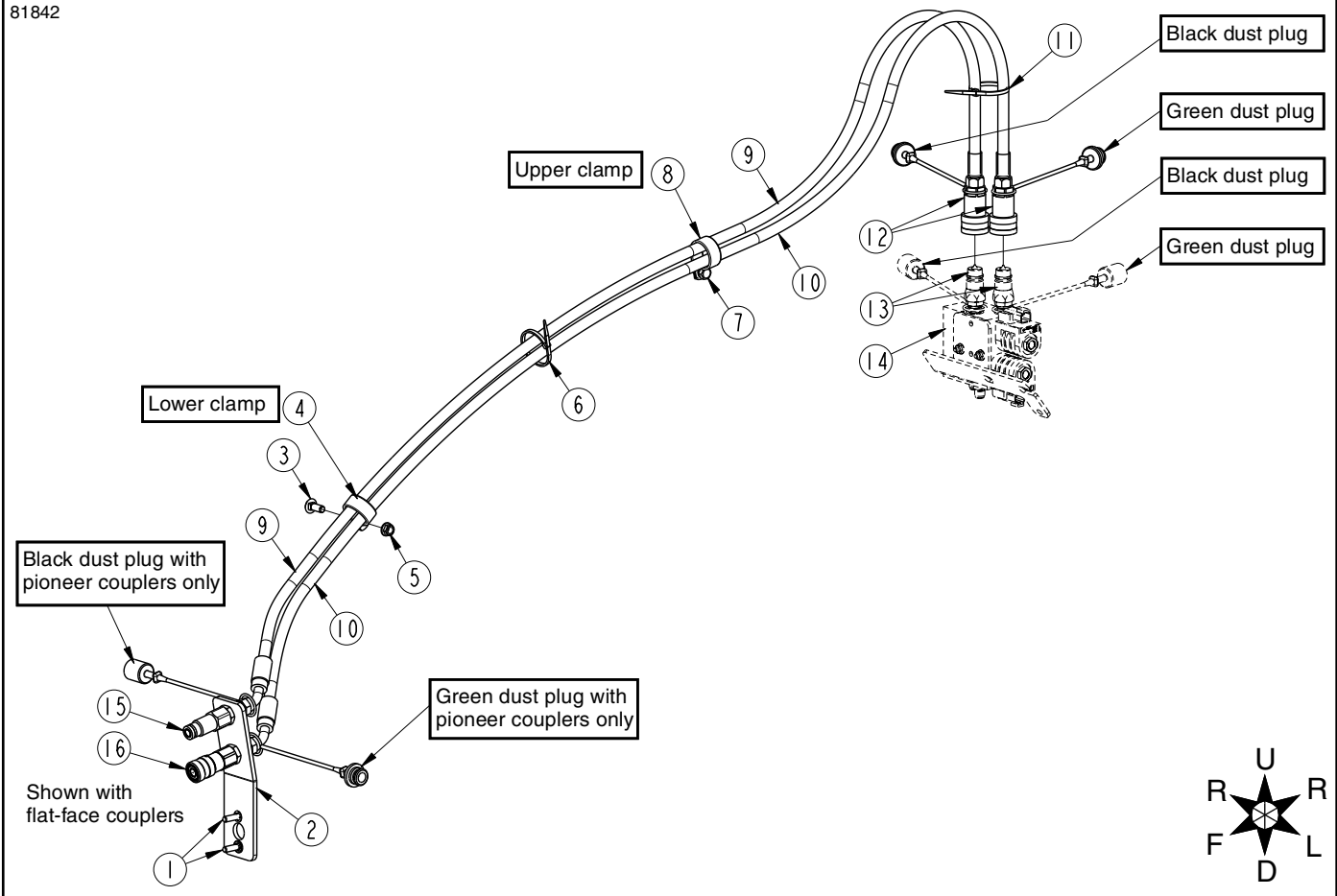


Control Handle Button Switches
Figure 1-20



Hydraulic Leak Check Locations
Figure 1-21

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Loader Hydraulic Hose Assembly
Figure 1-22

Loader Hydraulic Hose Assembly

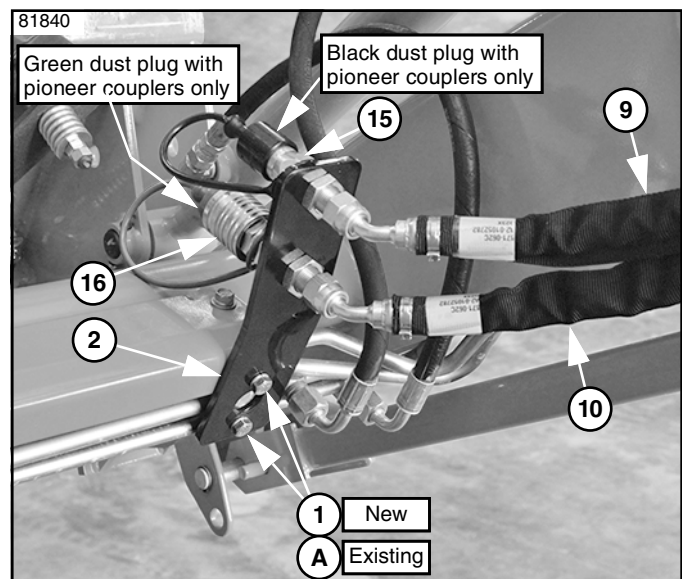
Refer to Figure 1-22:

Start with front bulkhead mount (#2) and work your way back to the quick attach couplers (#12). The bulkhead mount (#2) and upper clamp (#8) are shipped assembled with push nut bolt retainers securing the hardware together. Do not remove the nut bolt retainers.

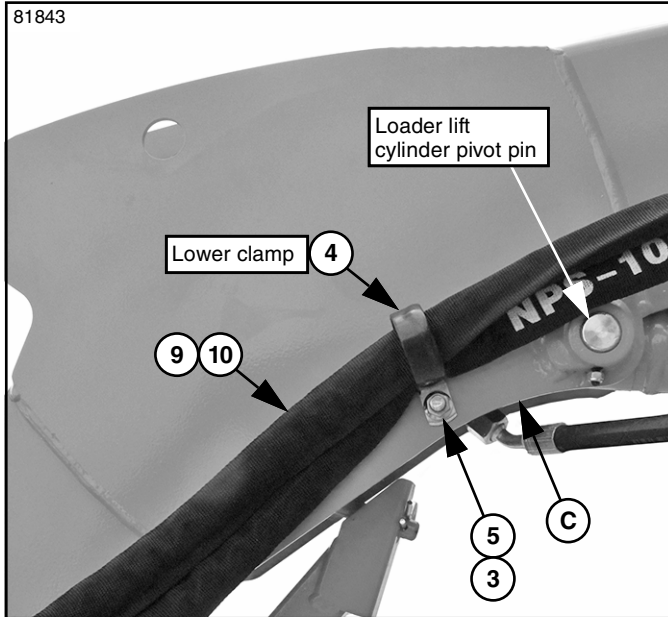
Refer to Figure 1-23:

NOTE: Upper hydraulic hose (#9) is shipped attached to the top male quick coupler (#15). Lower hydraulic hose (#10) is shipped attached to the bottom female quick coupler (#16).

1. Remove existing hardware (A) from loader mounting bracket. Existing hardware may be discarded.
2. Attach bulkhead mount (#2) to loader mounting bracket with M8x1.25 GR8.8 bolts (#1). Tighten bolts to 19 ft-lbs (26 N-m).



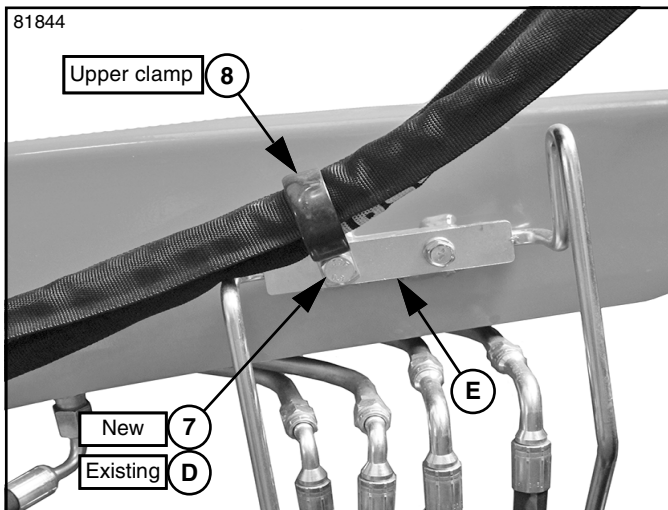
Bulkhead Assembly
Figure 1-23



Lower Hose Clamp (Tractor side of loader arm)
Figure 1-24

Refer to Figure 1-24:

3. Remove hex whiz nut (#5) and carriage bolt (#3) from lower clamp (#4).
4. Insert carriage bolt (#3) from the opposite side of cylinder mount (C).
5. Install lower clamp (#4) on the near side of cylinder mount and secure the clamp with removed whiz nut (#5). Draw nut up snug, do not tighten at this time.



Upper Hose Clamp (Tractor side of loader arm)
Figure 1-25

Refer to Figure 1-25:

6. Remove existing bolt (D) from loader bracket (E). Removed bolt may be discard.
7. Attach upper clamp assembly (#8) to bracket (E) with M10x 1.25 bolt (#7). Draw bolt up snug, do not tighten at this time.

Refer to Figure 1-24:

8. Adjust hydraulic hoses (#9 & #10) in lower clamp (#4) to an acceptable length between bulkhead mount (#2) shown in Figure 1-2 on page 3 and lower clamp (#4). Tighten 3/8-16 GR5 carriage bolt (#3) to 31 fl-lbs (42 N-m).
9. Adjust hoses (#9 & #10) in upper clamp (#8) to an acceptable length between lower clamp (#4) and upper clamp (#8). Tighten M10X1.25 bolt (#7) to 39 fl-lbs (53 N-m).
10. Secure hoses (#9 & #10) together with cable tie (#6) half-way between lower clamp (#4) and upper clamp (#8) as shown.
11. Secure hoses (#9 & #10) together with cable tie (#11) approximately 10 to 14 inches (25 to 35 cm) back from quick connect couplers (#12).

Connect Attachment to Loader Arms

At this point in time, the installation of this Third Function Valve Kit is now complete. Proceed with hooking-up the loader to the tractor, as well as the attachment to be used in conjunction with the loader.

When connecting the loader and attachment, be sure to refer to the Kubota LA526 or LA766 loader/tractor Operator's Manuals and attachment Operator's Manual for detailed instructions, as well as any associated alert notices pertaining to each procedure.

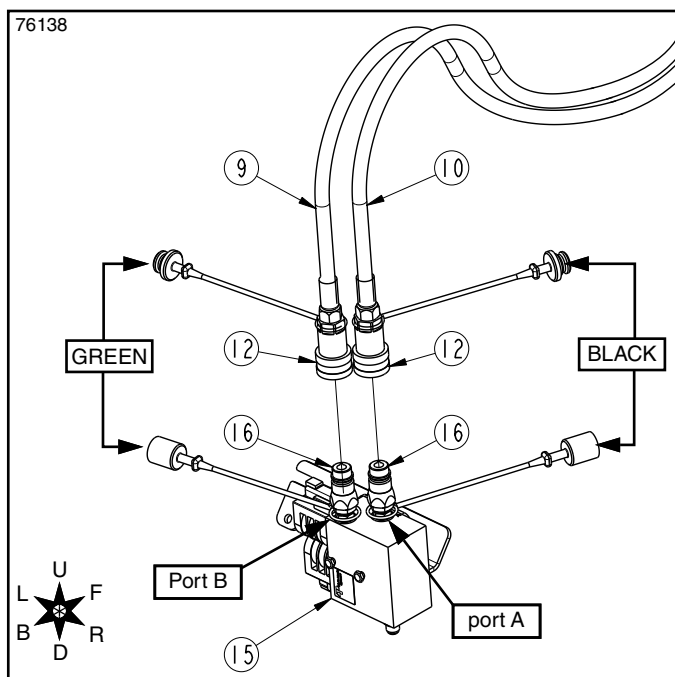
Connect Loader Hydraulic Hoses

Refer to Figure 1-26:

IMPORTANT: To avoid damaging components, only connect and disconnect loader hoses (#9 & #10) from the third function valve while the loader is still connected to the tractor.

NOTE: All dust plugs and dust caps associated with valve port "B" should be colored green. Dust plugs and dust caps associated with valve port "A" should be black.

1. Once the loader is hooked-up to a tractor:
 - a. Connect coupler (#12) on upper hose (#9) to coupler (#16) in valve port "B".
 - b. Connect coupler (#12) on lower hose (#10) to coupler (#16) in valve port "A"



Connect Hydraulic Hoses to Valve Ports "A" & "B"
Figure 1-26

Check Operation & Fluid Level

Refer to Figure 1-28:

IMPORTANT: Refer to your tractor Operator's Manual for recommended hydraulic fluid and procedure for checking hydraulic fluid level.

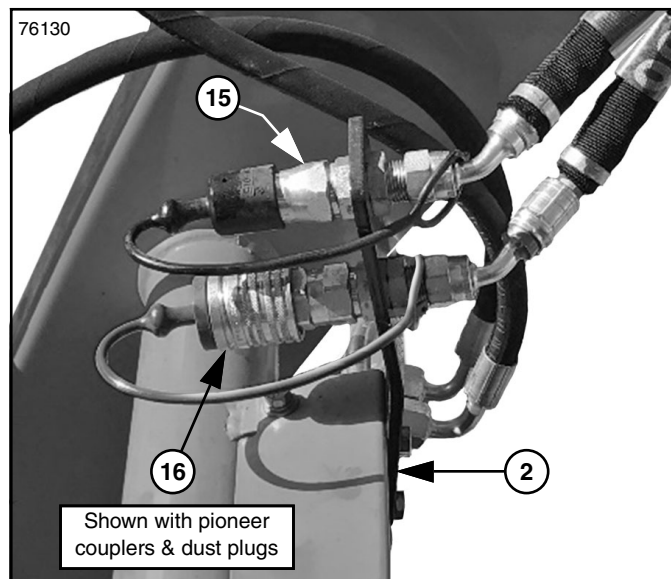
1. After connecting the attachment to the tractor's front loader, connect the attachment's hydraulic hoses to couplers (#15 & #16) on bulkhead mount (#2).

IMPORTANT: Do not engage float mode with loader arms raised off the ground.

2. **Refer to Figure 1-29 on page 15:** Check valve operation by raising the attachment off the ground and operate the third function valve kit using both red button switches (#3) on the loader control handle.

IMPORTANT: Before checking the hydraulic fluid level, all front and rear attachments must be lowered to the ground, and the tractor must be shutdown.

3. Once hydraulic hoses and cylinders are full of hydraulic fluid, check tractor's hydraulic fluid level.
4. If hydraulic fluid level is low, add recommended hydraulic fluid.



Connect Attachment Hoses to Third Function Couplers
Figure 1-28

Incorrect Third Function Operation

Refer to Figure 1-26:

1. If the attachment's hydraulic cylinders operate in the opposite intended direction, perform the following:
 - a. Relieve hydraulic pressure. Refer to "**Relieve Hydraulic Pressure**" on page 15.
 - b. Switch connections of female couplers (#12) at ports "A" and "B".
 - c. Confirm correct operation of valve kit.

Operate Third Function Valve Kit

Your Third Function Valve Kit is now ready to be used with a multitude of attachments. Be sure to familiarize yourself with a complete understanding of how to operate the Third Function Valve Kit before operating an attachment.

DANGER

To avoid serious injury or death:

Do not allow bystanders to be near the attachment, loader arms, or tractor during operation. They can become entangled, pinched, or crushed by the equipment. Disconnect and lockout power source before making adjustments or servicing tractor and attachment.

Refer to Figure 1-29:

Power On Third Function Valve Kit

IMPORTANT: The power switch on the control handle must be kept off unless the third function valve is being used. Leaving the power switch on while not using the third function valve can cause the hydraulic system to overheat and damage the tractor.

With tractor started, power the Third Function Valve by pressing power switch (#2) to its compressed position.

- The LED light on the power switch will light up to indicate the switch is on.
- If the LED fails to light up, check the fuse. Refer to “**Check Fuses**” on page 17.

Actuate Attachment Functions

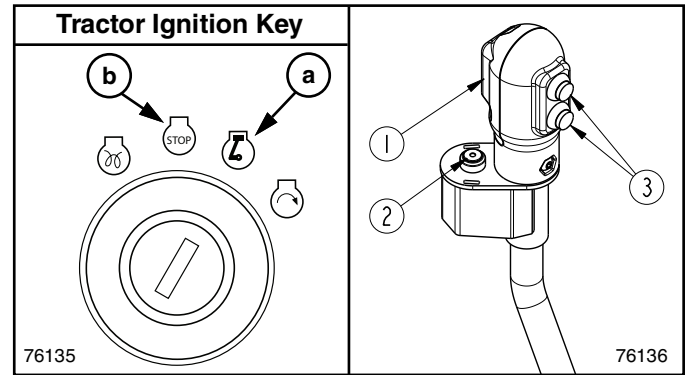
The two red button switches (#3) on the loader control handle (#1) will actuate the attachment functions.

- The top red button will actuate functions in one direction and the bottom red button will actuate functions in the opposite direction.

Power Off Third Function Valve

Turn power switch (#2) off by pressing the switch into its decompressed position.

- The LED light will go out to indicate the switch is off.



Relieve Hydraulic Pressure

Figure 1-29

Relieve Hydraulic Pressure

Refer to Figure 1-29:

Relieve Hydraulic Pressure

Be sure to relieve all hydraulic pressure from the attachments hydraulic system before dismantling to disconnect its hydraulic lines:

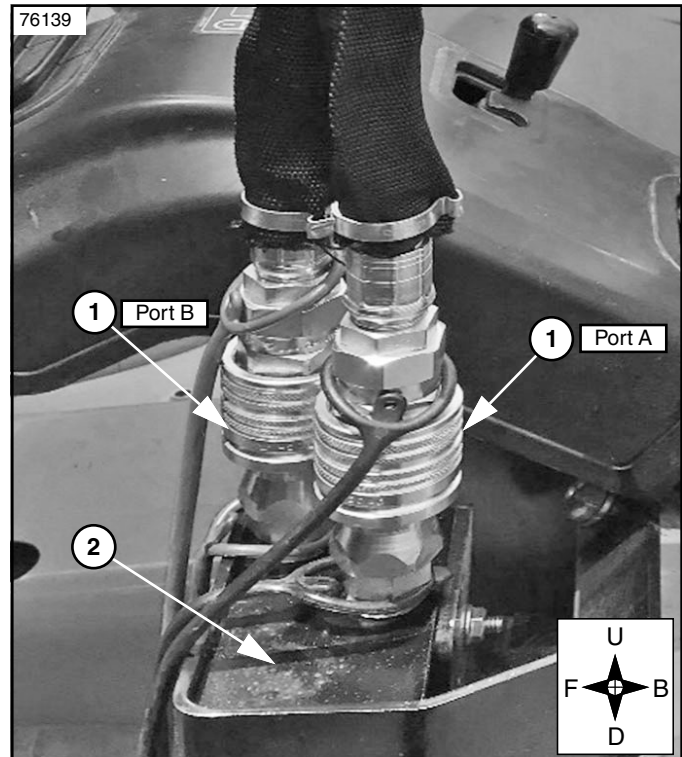
1. Shut tractor down according to your tractor shutdown procedures provided in its Operator's Manual.
2. Without starting the tractor, turn tractor ignition key to its [ON] position (a).
3. On the loader control handle:
 - a. Press power ON/OFF switch to the ON position.
 - b. Press the upper red button until the attachment's hydraulic system pressure is released.
 - c. Press the lower red button until the attachment's hydraulic system pressure is released.
 - d. Once all hydraulic pressures are relieved, press power ON/OFF switch to the OFF position.
4. Turn tractor ignition key to its [OFF] position (b).

Unhook Loader From Tractor

Refer to Figure 1-30:

IMPORTANT: To avoid damaging components, only connect and disconnect loader hoses from the third function valve while loader is hooked-up to a tractor.

1. Disconnect both female couplers (#1) from ports "A" and "B" of third function valve (#2).
2. Rest hydraulic hoses against the loader frame. Ensure hoses will not become snagged when backing tractor away from the loader.
3. Unhook loader by referring to the Kubota LA526 or LA766 Loader Operator's Manual for detailed instructions.



Disconnect Hydraulic Hoses from Ports "A" & "B"
Figure 1-30

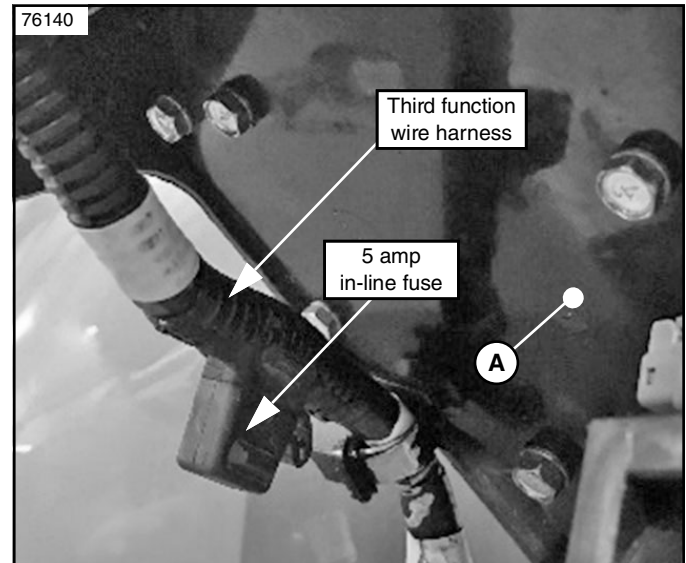
Check Fuses

Refer to Figure 1-31:

1. Properly shutdown tractor by referring to the detailed procedures in the tractor Operator's Manual.
2. Visually inspect the 5 amp in-line fuse, which can be found on the third function wire harness under the loader valve mount (A). See Figure 1-31.
 - a. If the fuse is not blown, proceed to step 3.
 - b. If the fuse is blown, check the third function wire harness for a possible electrical shortage.
 - c. If no electrical shortage is found, replace the fuse, then proceed to check the function of the Third Function Valve Kit.

Refer to Figure 1-32:

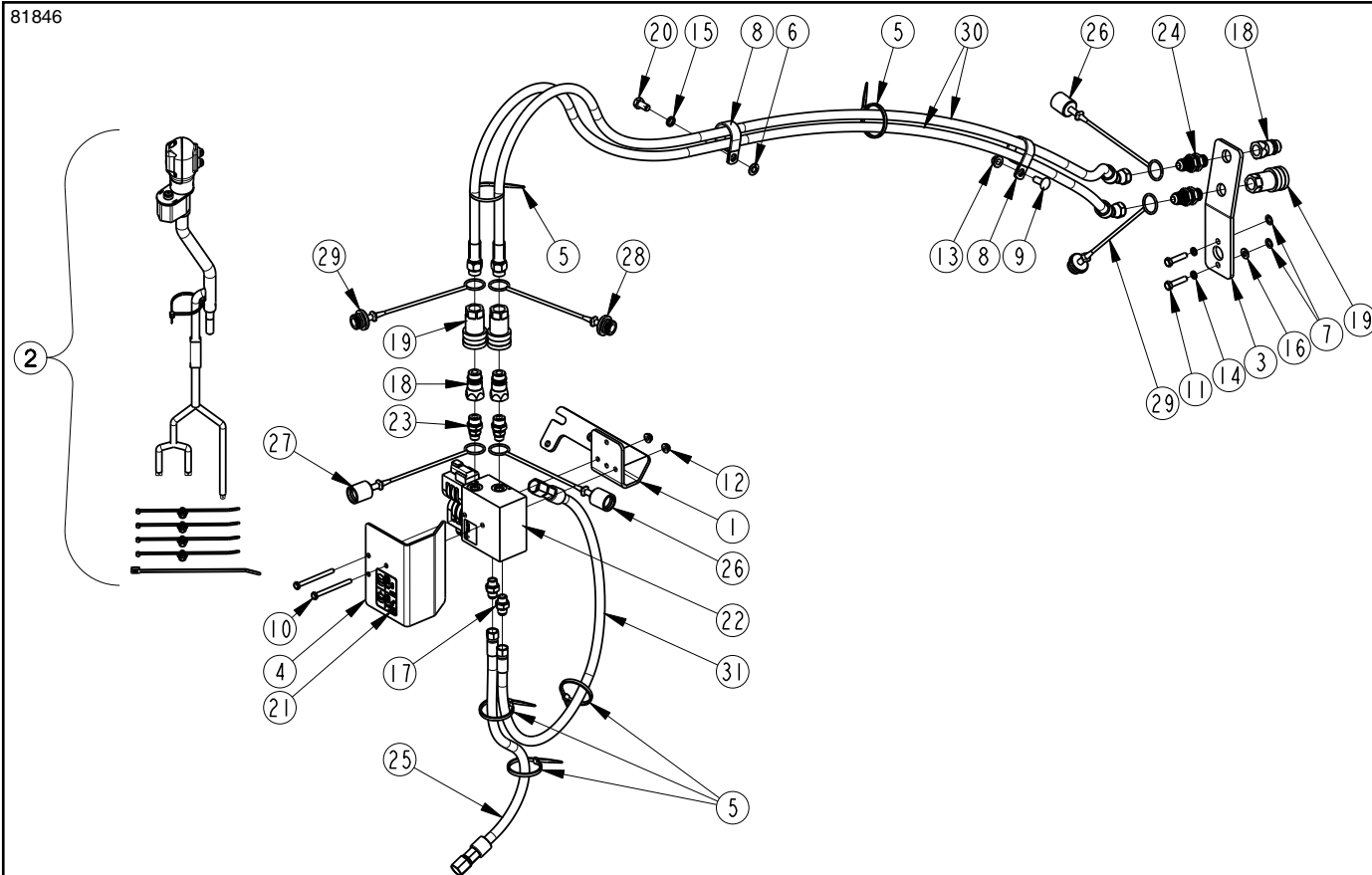
3. Remove and visually inspect the tractor AUX fuse located under the left side of the control panel as shown in Figure 1-32.
 - a. If the fuse is blown, replace the fuse, then proceed to check the function of the Third Function Valve Kit.



**Checking the 5 Amp In-line Fuse
Figure 1-31**

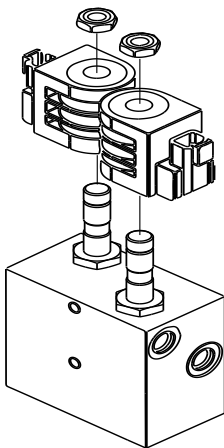


**Checking the Tractor AUX Fuse
Figure 1-32**

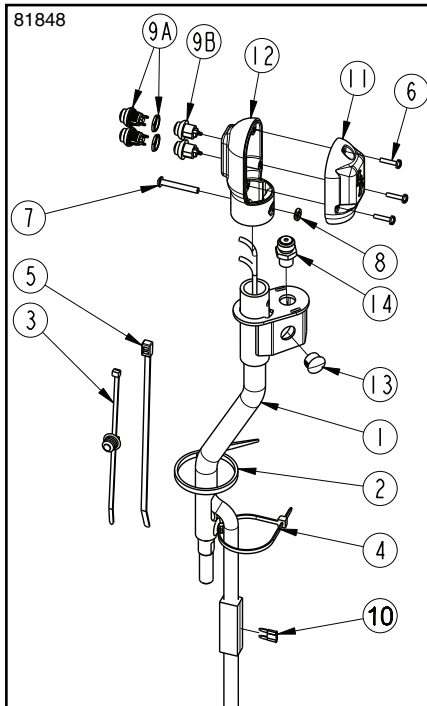


(#22) 850-313C See Parts Breakdown on page 22

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(#2) 380-368S Breakdown



L02 Third Function Valve Kit with Pioneer Couplers (PC) for Kubota ROPS Tractor
Figure 1-33

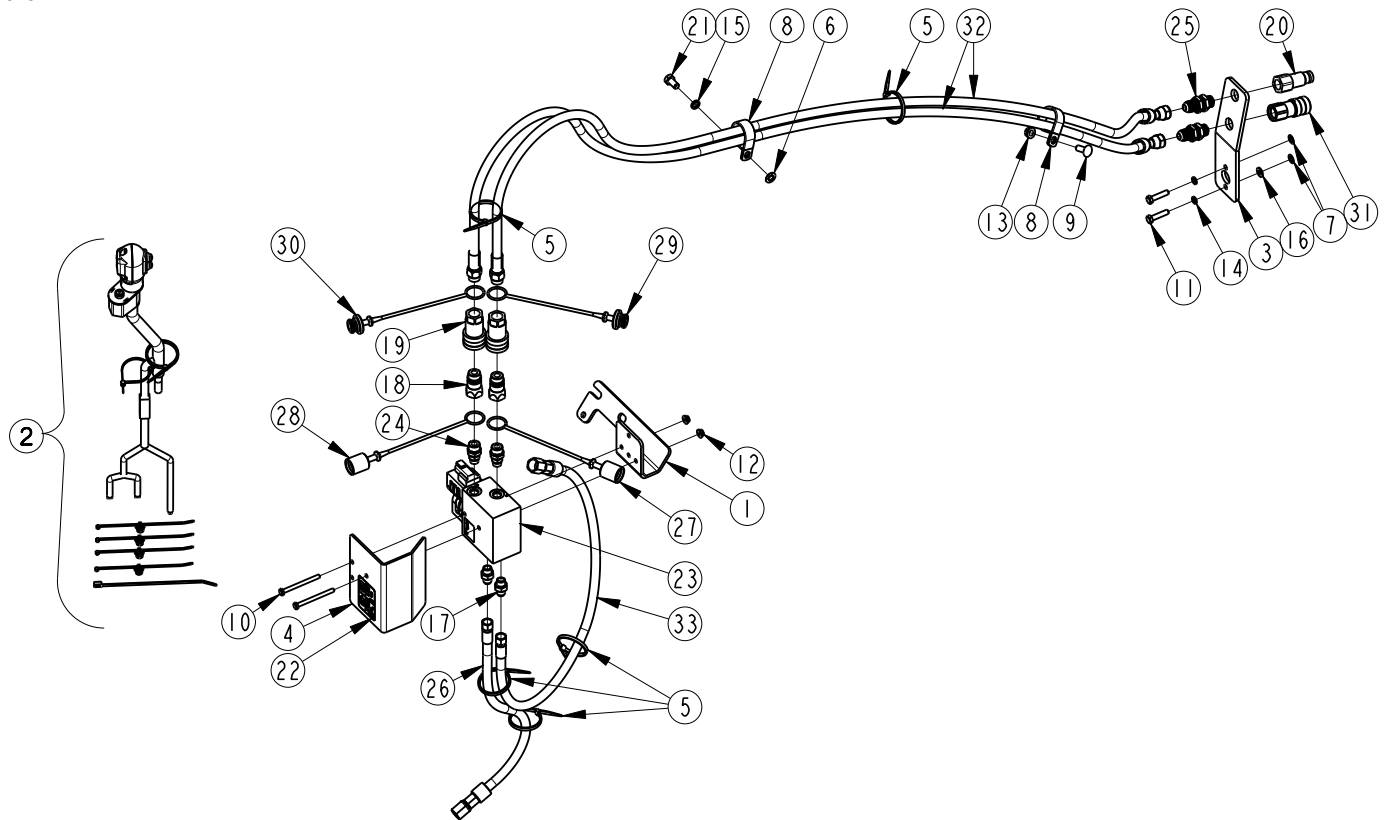

Kit No. 380-362A
L02 THIRD FUNCTION VALVE KIT FOR ROPS TRACTOR (Equipped with pioneer couplers)

Item	Part No.	Description	Qty
1	380-234D	BRKT, VALVE MOUNT	1
2	380-368S	ASY, PSH BUTTN CNTRL HNDL	1
3	380-418D	PLATE, BULKHEAD MOUNT	1
4	380-500D	VALVE COVER	1
5	800-112C	CABLE TIE .19X7.25 1.75D 50LB	5
6	800-560C	PUSH NUT BLT RETAINER 3/8 ROHS.	1
7	800-565C	PUSH NUT BLT RETAINER 5/16ROHS	2
8	800-567C	CLAMP 1.50 ID	2
9	802-015C	RHSNB 3/8-16X1 GR5	1
10	802-274C	HHCS 1/4-20X3 GR5	2
11	802-967C	HHCS M8X1.25X35 GR8.8	2
12	803-194C	NUT HEX WHIZ 1/4-20 PLT	2
13	803-198C	NUT HEX WHIZ 3/8-16 PLT	1
14	804-157C	WASHER SPRING LOCK M8 PLT	2
15	804-158C	WASHER SPRING LOCK M10 PLT	1
16	804-161C	WASHER FLAT M8 PLT	1
17	811-170C	AD 9/16MORB 9/16MJIC	2
18	811-394C	CP 3/4FORB MALE QD POPPET TYPE	3
19	811-870C	CP 3/4FORB QD FEMALE (POPPET)	3
20	842-568C	HHCS M10X1.25X20 GR8.8	1
21	844-286C	DECAL, 3RD FUNCTION OPERATION	1
22	850-313C	VALVE, THIRD FUNCTION	1
23	851-084C	AD 9/16MORB 3/4MORB	2
24	851-344C	AD 3/4MJIC 3/4MORB BLKHD W/ LN	2
25	861-430C	HH3/8R2 023 3/4FJIC 9/16FJIC.	1
26	861-539C	BLACK DUST CAP, 1/2" QD AG	2
27	861-540C	GREEN DUST CAP, 1/2" QD AG	1
28	861-541C	BLACK DUST PLUG, 1/2" QD AG	1
29	861-542C	GREEN DUST PLUG, 1/2" QD AG	2
30	871-062C	HH3/8R2 073 3/4FJIC45 3/4MORB.	2
31	871-084C	HH3/8R2 035 3/4FJIC 9/16FJIC.	1

380-368S
Breakdown of Control Handle (Item #2 in the above parts list)

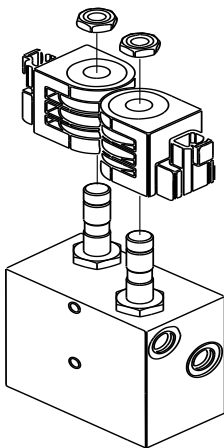
Item	Part No.	Description	Qty
1	380-370H	WMT, CONTRL HNDL 2 BEND	1
2	800-112C	CABLE TIE .19X7.25 1.75D 50LB	1
3	800-483C	CABLE TIE - PUSH MOUNT.	4
4	800-562C	CABLE TIE PUSH .27HOLE .28THK	1
5	800-573C	DBL CABLE TIE 8" 50LB	1
6	801-091C	CRPHMS 6-32X5/8 SS.	3
7	801-250C	HSBHCS #10-32X1 3/8	1
8	803-538C	NUT HEX 10-32 LOCK PLT	1
9A	843-713C	PUSH BUTTON W/NUT	2
9B	833-739C	SWITCH, P9 PB NO SPST MOM RED.	2
10	833-950C	FUSE, 5 AMP MINI BLADE	1
11	837-053C	COVER, PUSH BUTTON CNTRL HNDL	1
12	837-054C	BASE, PUSH BUTTON CNTRL HNDL	1
13	837-365C	PLASTIC SNAP-IN PLUG.	1
14	843-178C	POWER SWITCH ON/OFF.	1

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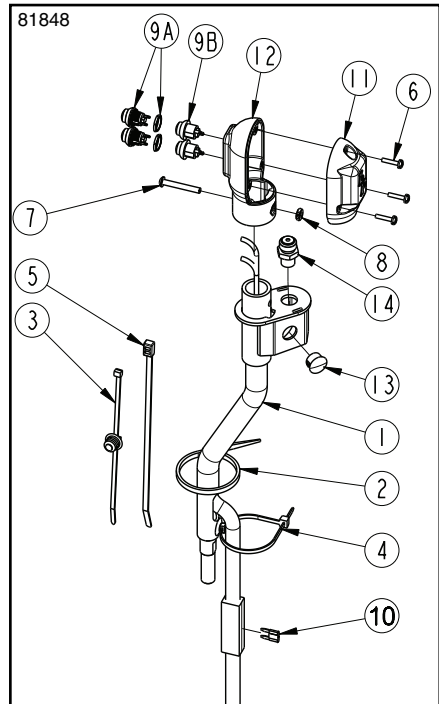
(#23) 850-313C See Parts Breakdown on page 22

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(#2) 380-368S Breakdown

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L02 Third Function Valve Kit with Flat-Face Couplers (FFC) for Kubota ROPS Tractor
Figure 1-34



Kit No. 380-363A

L02 THIRD FUNCTION VALVE KIT FOR ROPS TRACTOR (Equipped with flat-face couplers)

Item	Part No.	Description	Qty
1	1380-234D	BRKT, VALVE MOUNT	1
2	380-368S	ASY, PSH BUTTN CNTRL HNDL	1
3	380-418D	PLATE, BULKHEAD MOUNT	1
4	380-500D	VALVE COVER	1
5	800-112C	CABLE TIE .19X7.25 1.75D 50LB	6
6	800-560C	PUSH NUT BLT RETAINER 3/8 ROHS	1
7	800-565C	PUSH NUT BLT RETAINER 5/16ROHS	2
8	800-567C	CLAMP 1.50 ID	2
9	802-015C	RHSNB 3/8-16X1 GR5	1
10	802-274C	HHCS 1/4-20X3 GR5	2
11	802-967C	HHCS M8X1.25X35 GR8.8	2
12	803-194C	NUT HEX WHIZ 1/4-20 PLT	2
13	803-198C	NUT HEX WHIZ 3/8-16 PLT	1
14	804-157C	WASHER SPRING LOCK M8 PLT	2
15	804-158C	WASHER SPRING LOCK M10 PLT	1
16	804-161C	WASHER FLAT M8 PLT	1
17	811-170C	AD 9/16MORB 9/16MJIC	2
18	811-394C	CP 3/4FORB MALE QD POPPET TYPE	2
19	811-870C	CP 3/4FORB QD FEMALE (POPPET)	2
20	841-099C	CP 3/4FORB QD FLATFACE	1
21	842-568C	HHCS M10X1.25X20 GR8.8	1
22	844-286C	DECAL, 3RD FUNCTION OPERATION	1
23	850-313C	VALVE, THIRD FUNCTION	1
24	851-084C	AD 9/16MORB 3/4MORB	2
25	851-344C	AD 3/4MJIC 3/4MORB BLKHD W/ LN	2
26	861-430C	HH3/8R2 023 3/4FJIC 9/16FJIC	1
27	861-539C	BLACK DUST CAP, 1/2" QD AG	1
28	861-540C	GREEN DUST CAP, 1/2" QD AG	1
29	861-541C	BLACK DUST PLUG, 1/2" QD AG	1
30	861-542C	GREEN DUST PLUG, 1/2" QD AG	1
31	861-543C	CP 3/4FORB QD FML FLATFACE	1
32	871-062C	HH3/8R2 073 3/4FJIC45 3/4MORB	2
33	871-084C	HH3/8R2 035 3/4FJIC 9/16FJIC	1

380-368S

Breakdown of Control Handle (Item #2 in the above parts list)

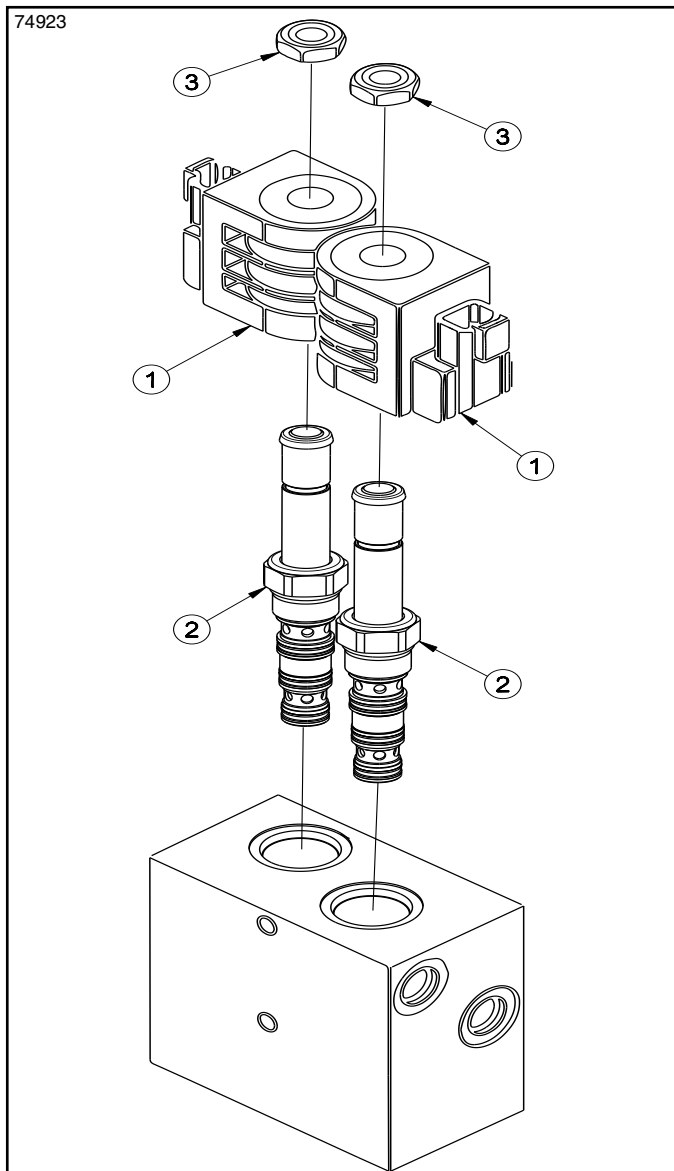
Item	Part No.	Description	Qty
1	380-370H	WMT, CNTRL HNDL 2 BEND	1
2	800-112C	CABLE TIE .19X7.25 1.75D 50LB	1
3	800-483C	CABLE TIE - PUSH MOUNT	4
4	800-562C	CABLE TIE PUSH .27HOLE .28THK	1
5	800-573C	DBL CABLE TIE 8" 50LB	1
6	801-091C	CRPHMS 6-32X5/8 SS	3
7	801-250C	HSBHCS #10-32X1 3/8	1
8	803-538C	NUT HEX 10-32 LOCK PLT	1
9A	843-713C	PUSH BUTTON W/NUT	2
9B	833-739C	SWITCH, P9 PB NO SPST MOM RED	2
10	833-950C	FUSE, 5 AMP MINI BLADE	1
11	837-053C	COVER, PUSH BUTTON CNTRL HNDL	1
12	837-054C	BASE, PUSH BUTTON CNTRL HNDL	1
13	837-365C	PLASTIC SNAP-IN PLUG	1
14	843-178C	POWER SWITCH ON/OFF	1

Third Function Valve Parts Breakdown

Used with Kit No's 380-362A and 380-363A

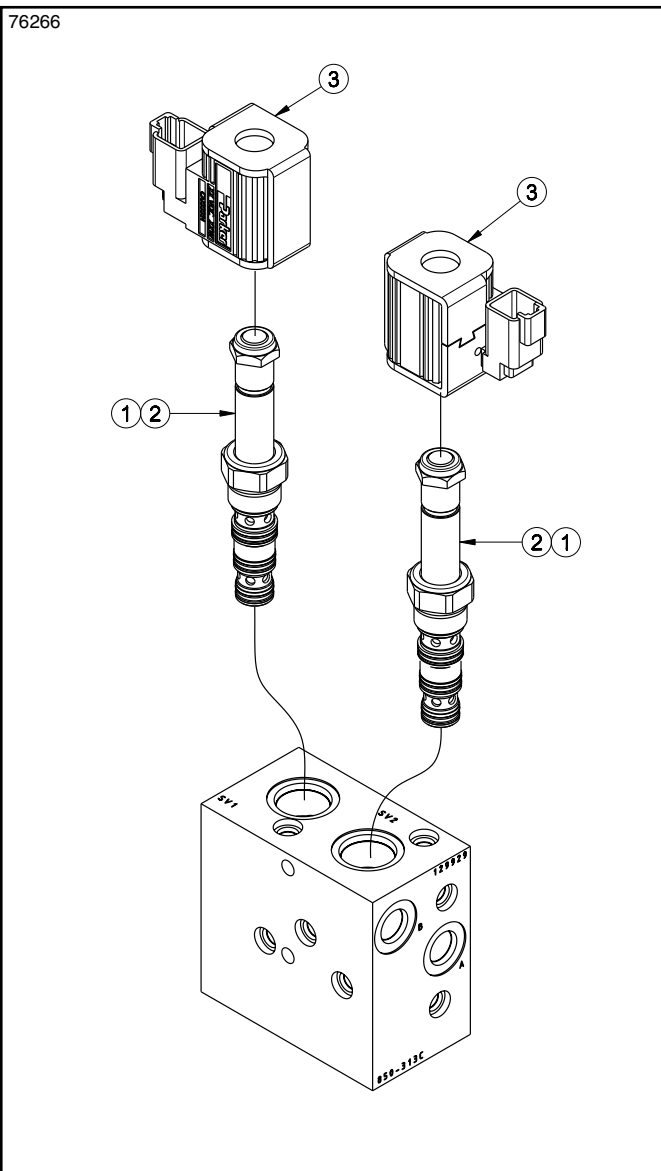
Your kit will include for 850-313C either a Delta Valve or a Parker Valve. Look for the brand name on the valve body. Purchase replacement parts using the part list provide below per your valve name.

Delta Valve Assembly #850-313C



No.	Part No.	Description	Qty
	850-313C	Delta Third Function Valve Assembly	
1	39680034	Delta 12VDC Solenoid Coil, DT04-2P . . . 2	
2	85002296	Delta 4-Way, 2-Position Solenoid Valve . 2	
3	36202020	Delta Coil Nut 2	

Parker Valve Assembly #850-313C



No.	Part No.	Description	Qty
	850-313C	Parker Third Function Valve Assembly	
1	SK10-4N	Parker Seal Kit, IC-8350 1	
2	DSL104E9N	Parker 2P4W C10 Spool Solenoid. . . . 2	
3	CAP012H	Parker Coil/0.625 /SHI/DT/012DC 2	

Warranty

Land Pride warrants to the original purchaser that this Land Pride product will be free from defects in material and workmanship beginning on the date of purchase by the end user according to the following schedule when used as intended and under normal service and conditions for personal use.

Overall Unit: One year Parts and Labor

This Warranty is limited to the repair or replacement of any defective part by Land Pride and the installation by the dealer of any such replacement part, and does not cover common wear items. Land Pride reserves the right to inspect any equipment or parts which are claimed to have been defective in material or workmanship.

This Warranty does not apply to any part or product which in Land Pride's judgment shall have been misused or damaged by accident or lack of normal maintenance or care, or which has been repaired or altered in a way which adversely affects its performance or reliability, or which has been used for a purpose for which the product is not designed. Misuse also specifically includes failure to properly maintain oil levels, grease points, and driveline shafts.

Claims under this Warranty should be made to the dealer which originally sold the product and all warranty adjustments must be made through an authorized Land Pride dealer. Land Pride reserves the right to make changes in materials or design of the product at any time without notice.

This Warranty shall not be interpreted to render Land Pride liable for damages of any kind, direct, consequential, or contingent to property. Furthermore, Land Pride shall not be liable for damages resulting from any cause beyond its reasonable control. This Warranty does not extend to loss of crops, any expense or loss for labor, supplies, rental machinery or for any other reason.

No other warranty of any kind whatsoever, express or implied, is made with respect to this sale; and all implied warranties of merchantability and fitness for a particular purpose which exceed the obligations set forth in this written warranty are hereby disclaimed and excluded from this sale.



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