

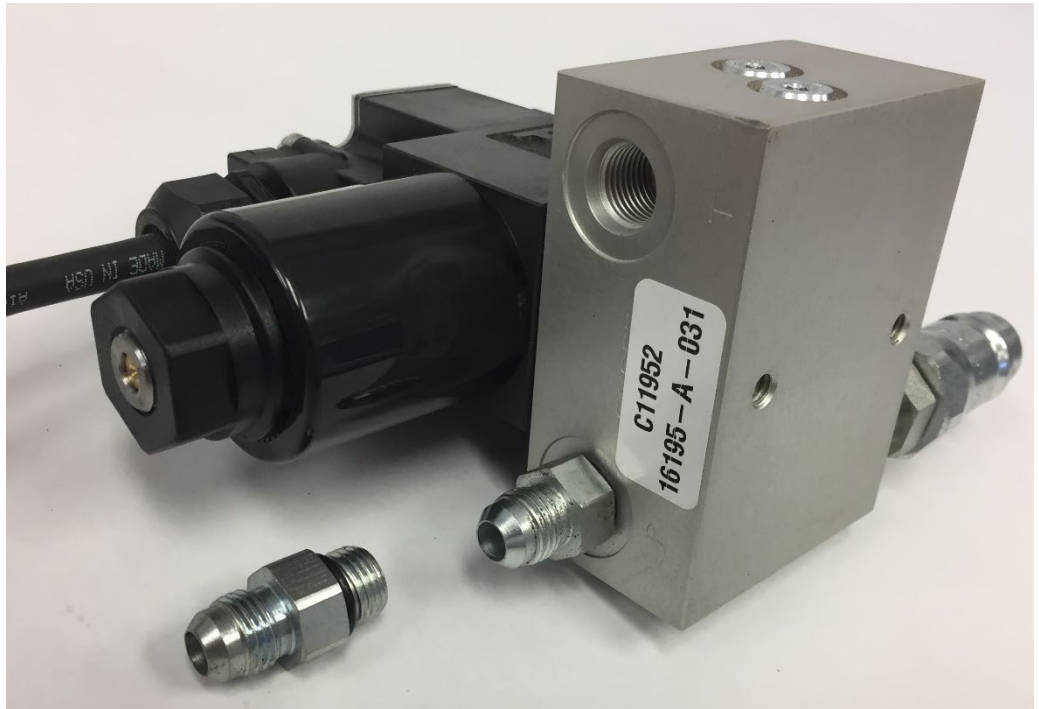


# Dealer Training

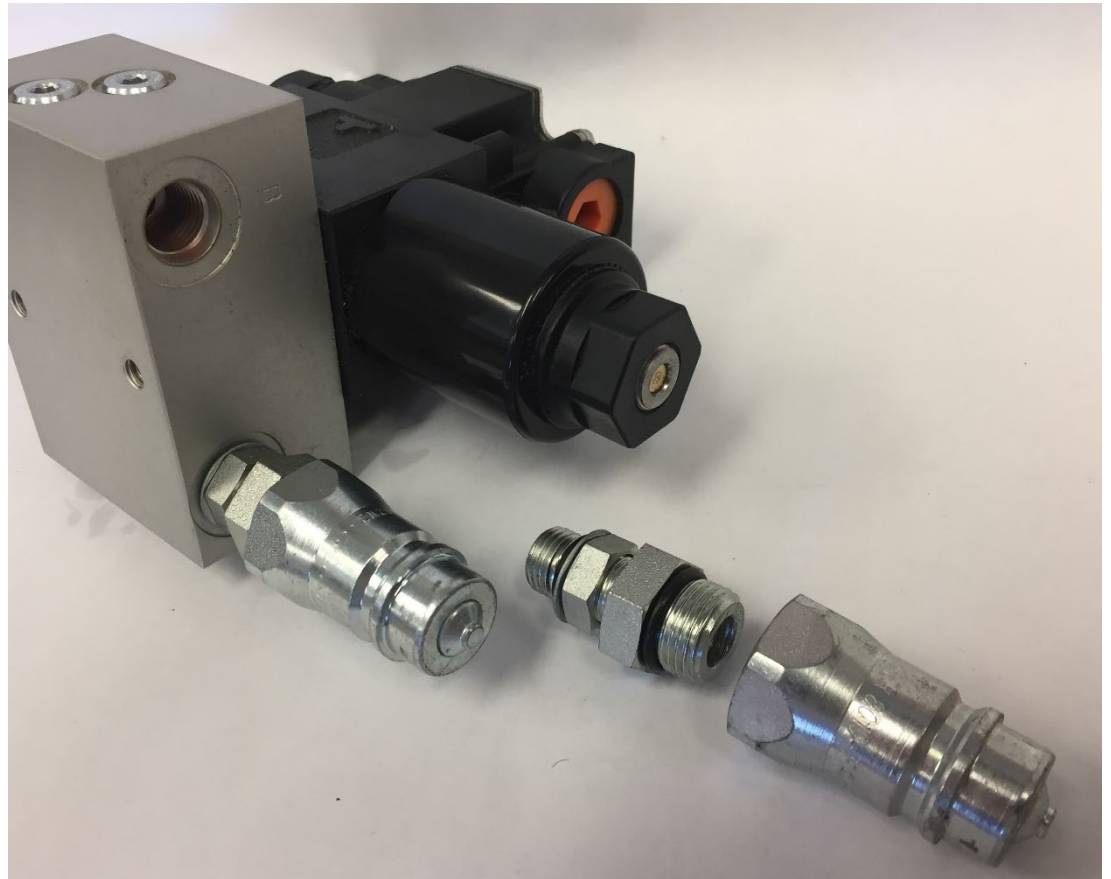
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L2501, L3200, L3301, L3800, L3901, L4600, L4701  
#3<sup>RD</sup> FUNCTION VALVE INSTALLATION MANUAL.  
VALVE KIT PART# 380-152A

Assemble Valve.  
Locate port P & T and install  
one PN# 811-170C on each  
port.



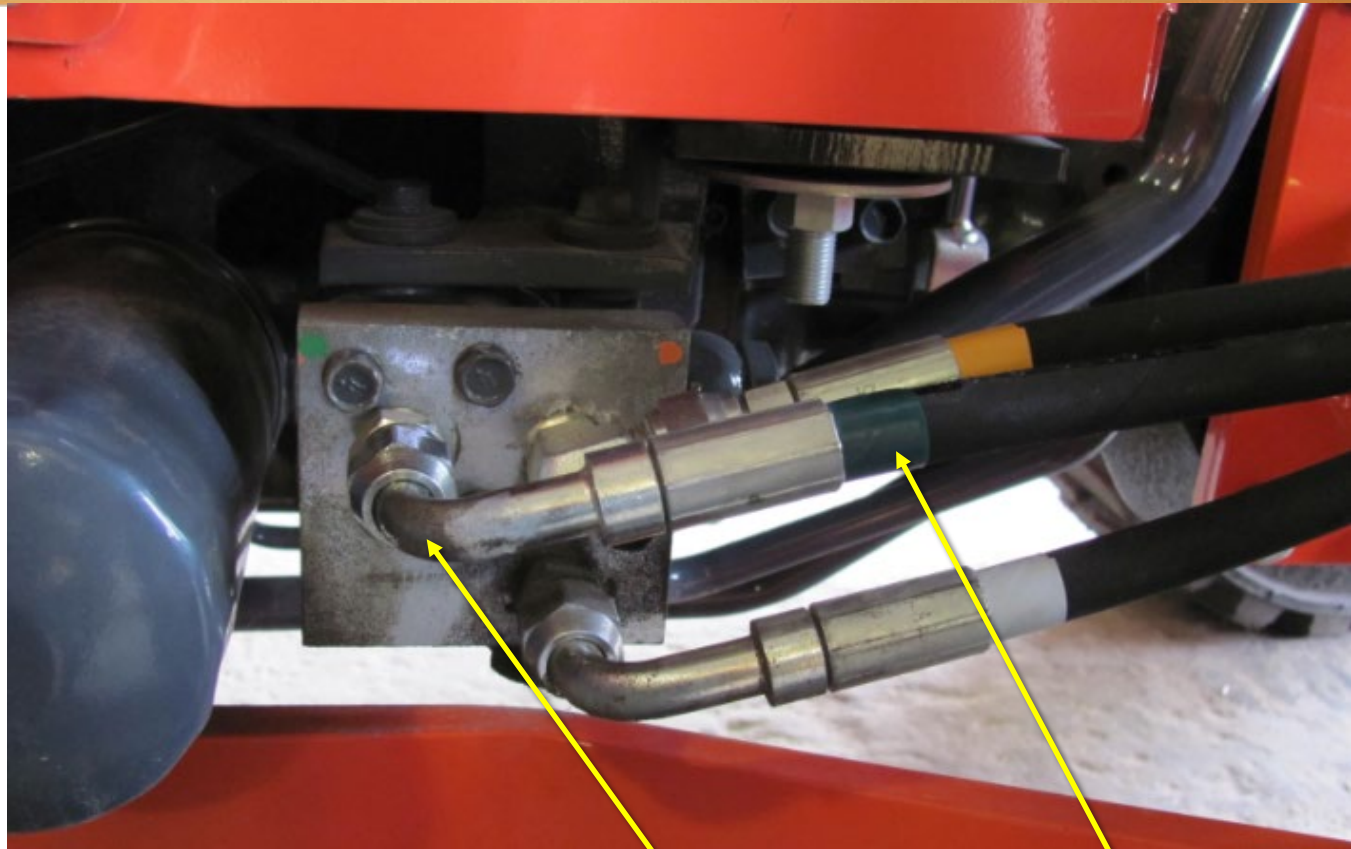
On the other side of valve  
locate Port A & B. Install PN#  
851-084C MORB in each port.  
then Install Male Tips to this  
fitting.



Install Valve mounting bracket to tractor then install Valve to bracket with male tips up.



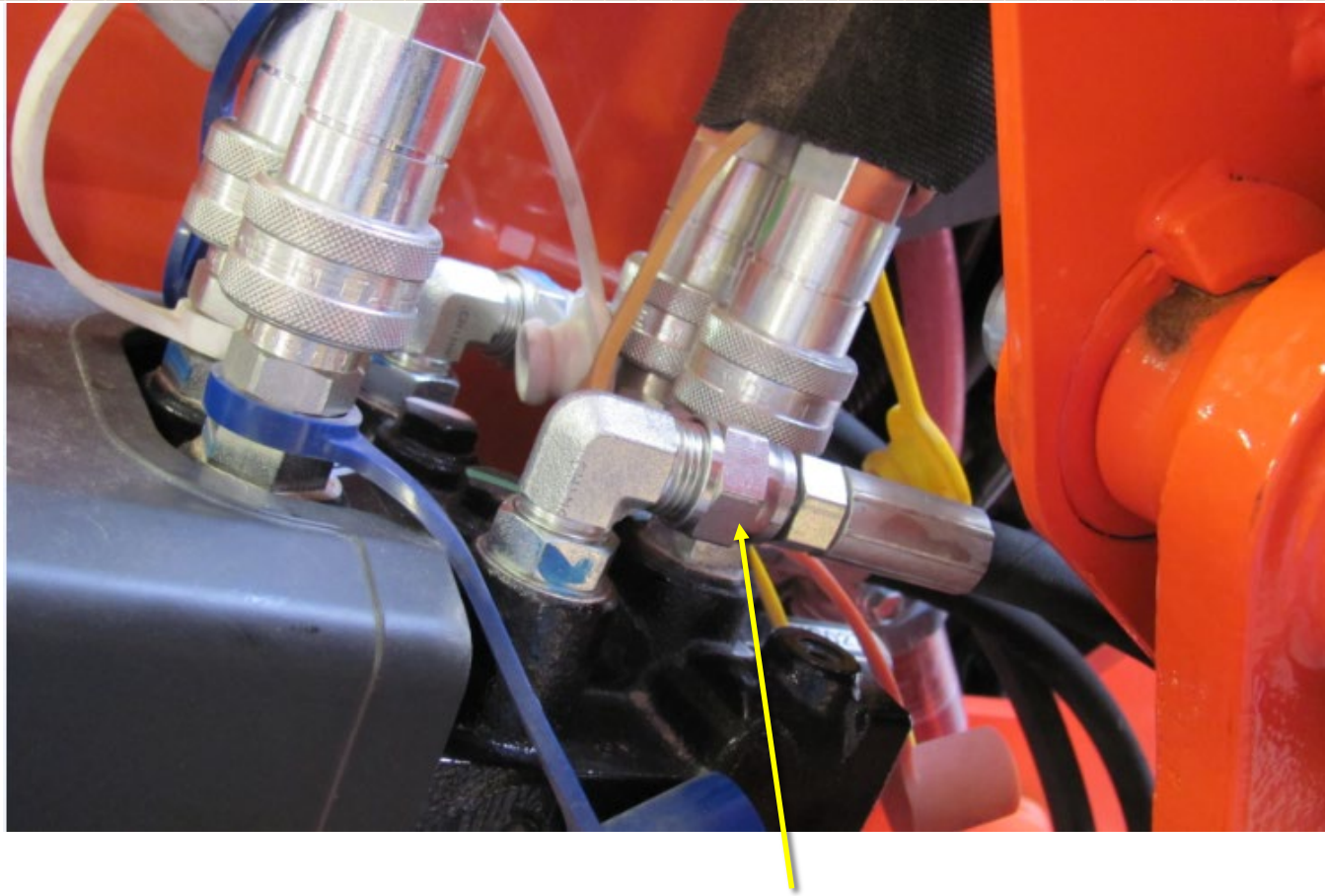
**If Block does NOT  
feed rear remote or  
backhoe instructions:**  
Remove Green line  
from block below RH  
corner of platform.



Remove from top rear port, Green hose

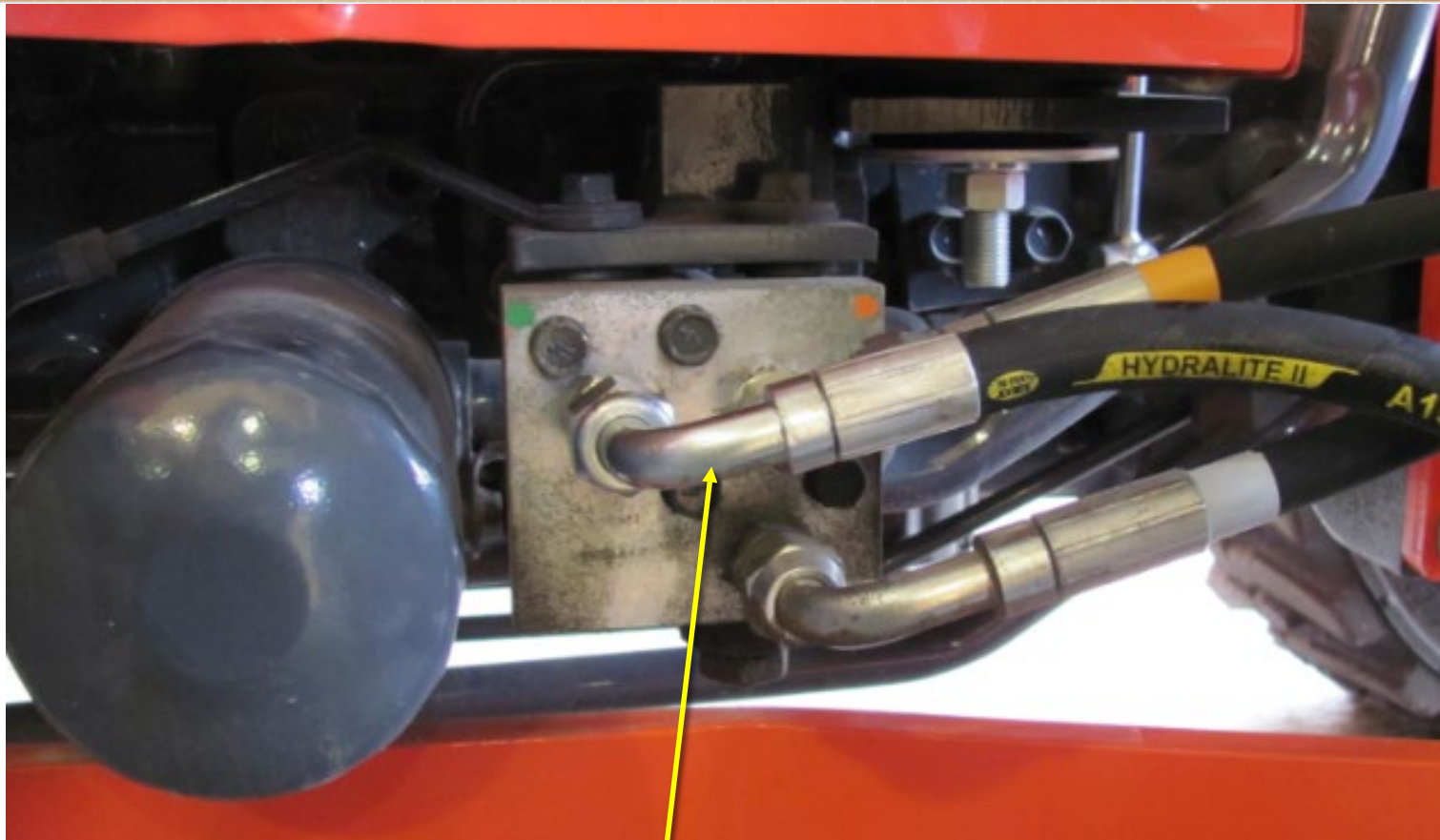


Follow (green) hose up  
to loader valve and  
remove hose from  
elbow fitting.  
Discard this hose.



Follow hose to loader valve and remove it from  
elbow fitting

Install hose  
PN# 851-490C,  
elbow end to  
block. Other  
end of this  
hose will  
connect to P  
Port of Valve.

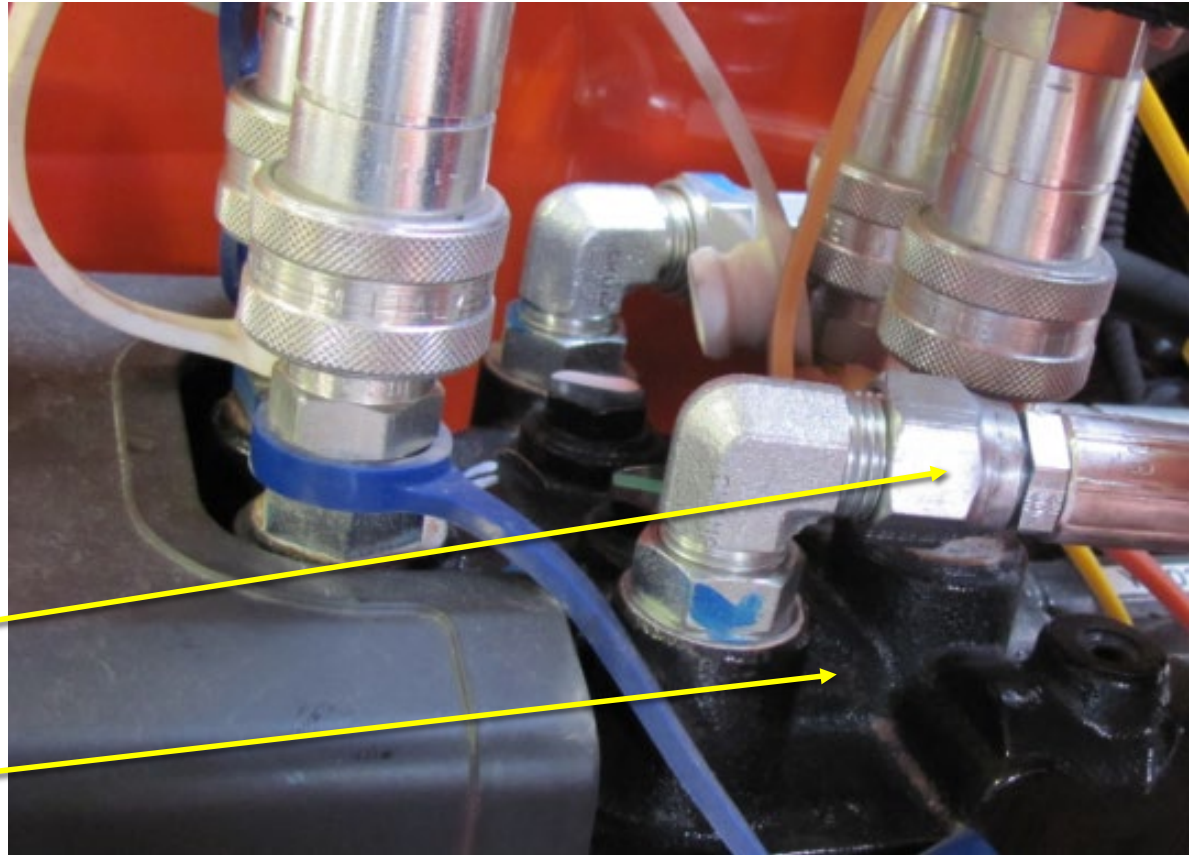


Hose from Block to P Port under Valve

Hose PN# 841-331C will attach to T Port of Valve and other end will connect to loader valve elbow fitting.

Hose from T port to loader valve elbow.

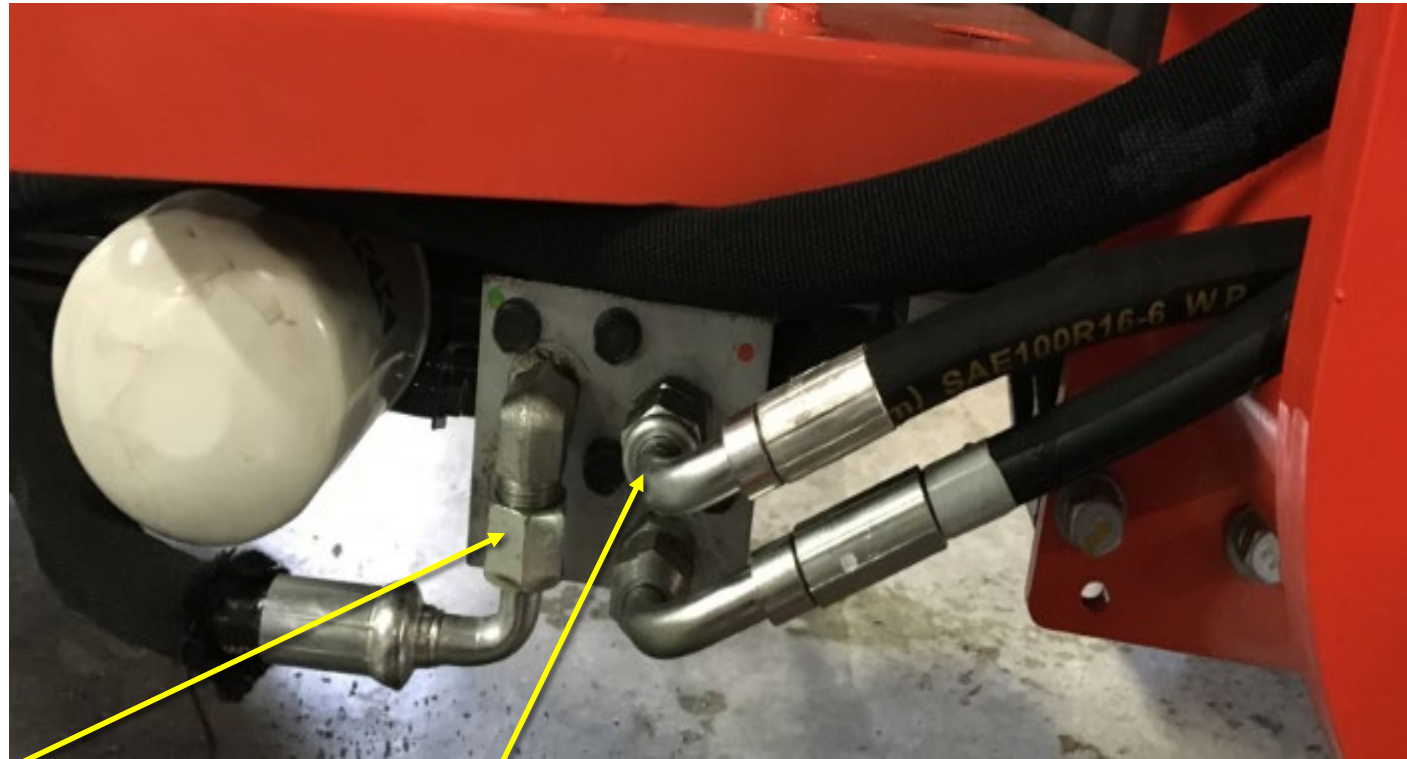
Loader Valve





**If rear remote or back  
hoe option is installed**

Remove Orange line  
from Top front port  
of block below RH  
corner of platform.

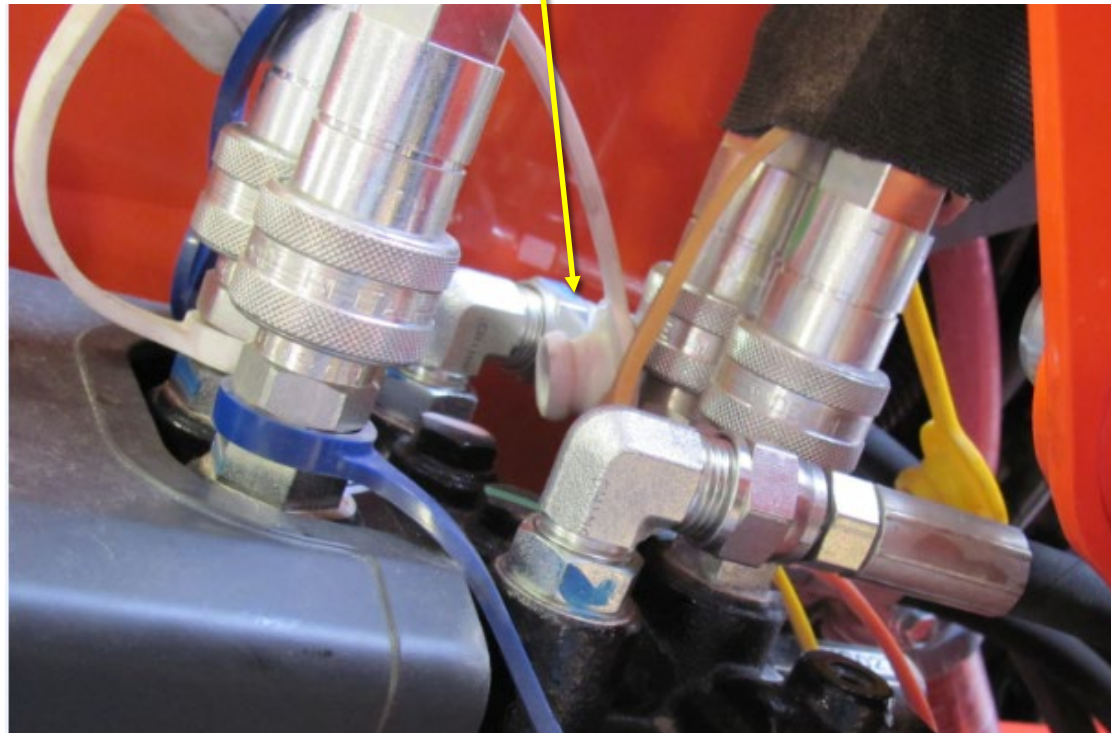


If top rear port  
of hyd block is  
used for rear  
remote or  
back hoe

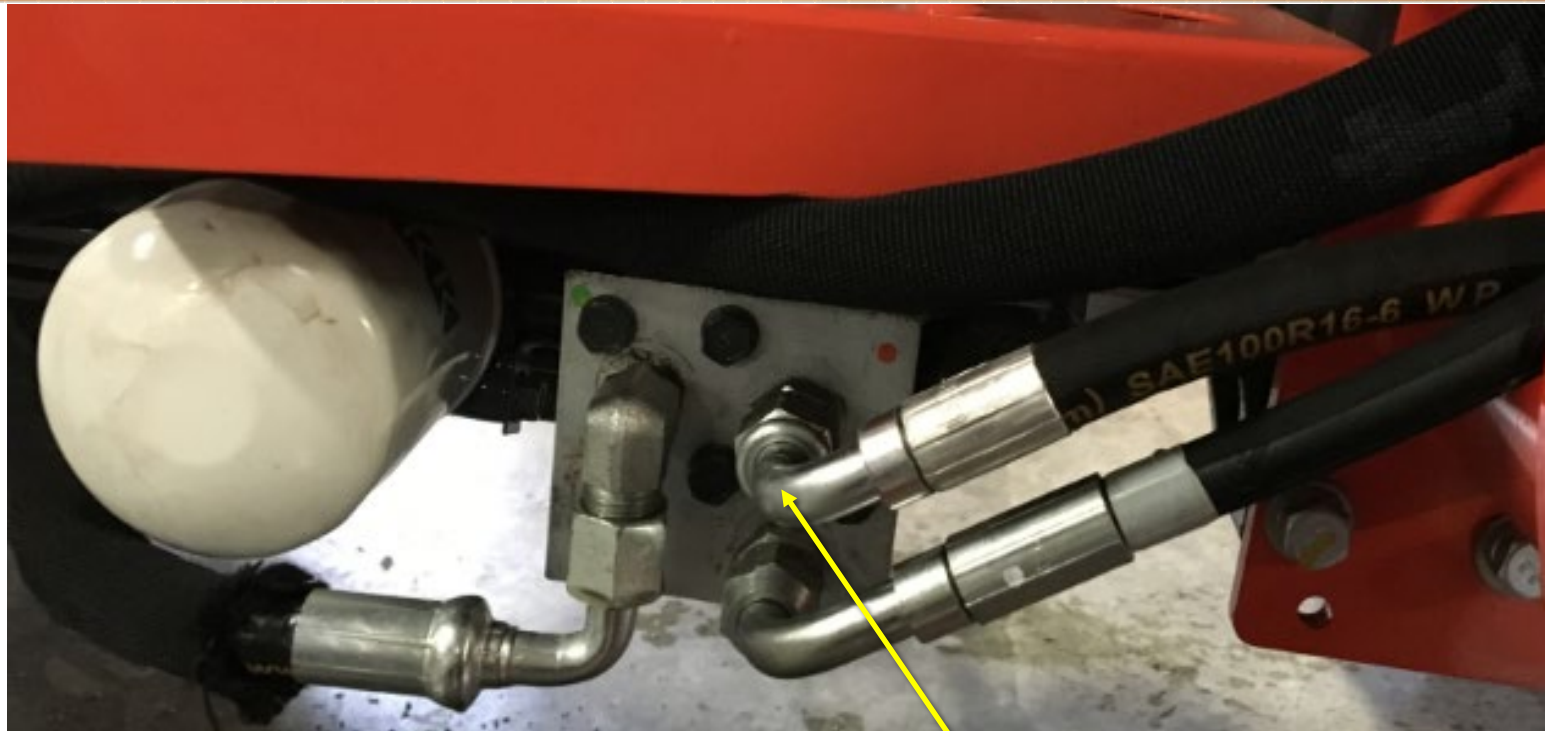
Remove from top front port, Orange hose

Follow hose to loader valve and remove it  
from elbow fitting

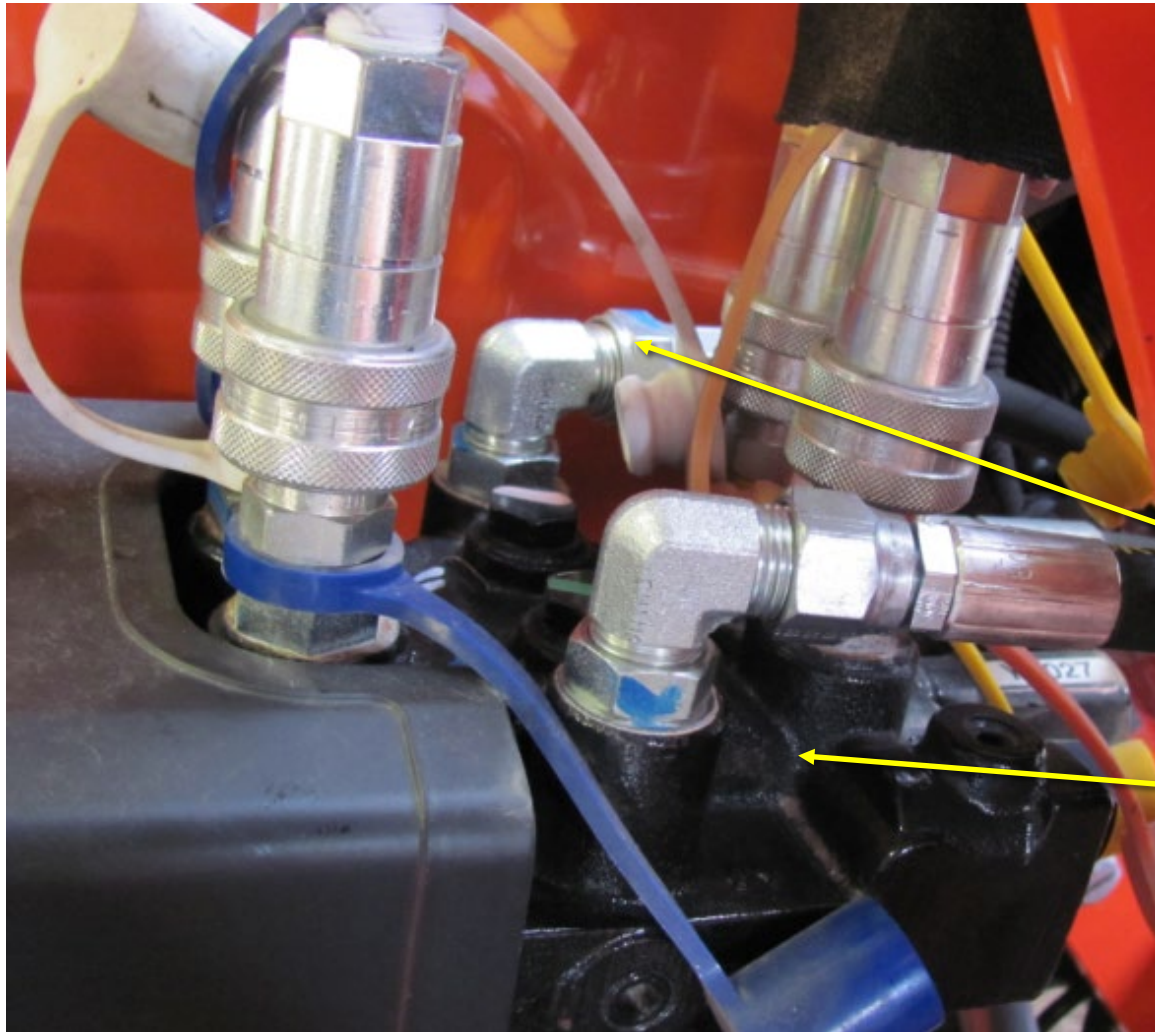
Follow (orange) hose  
up to loader valve and  
remove hose from  
elbow fitting. Discard  
this hose.



Install hose  
PN# 851-490C,  
elbow end to  
block. Other  
end of this  
hose will  
connect to P  
Port of Valve.



Hose from Hyd Block to P Port under Valve



Hose PN# 841-331C will attach to T Port of Valve and other end will connect to loader valve elbow fitting.

Hose from T port to loader valve elbow.

Loader Valve



Assemble Bulk head plate to loader at torque tube shield as shown with U bolt.

Install PN# 851-344C, bulkhead fitting to bracket. Male tips install toward front and Shielded hoses attach on rear of fittings. Run hoses down loader arm and install two female couplers. This will connect to male tips on top of 3<sup>rd</sup> function valve. Secure all hoses were needed.



For L4701 & L4600 tractors use PN# 380-255D bulk head bracket in kit and install as shown. Secure all hoses were needed.



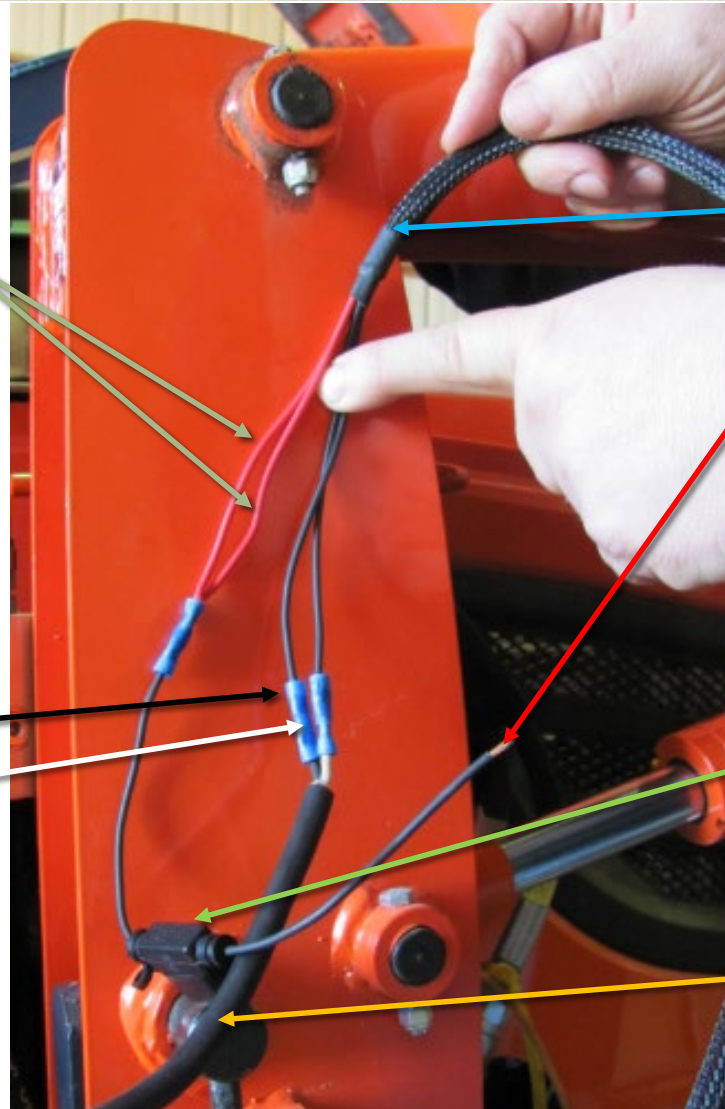
Remove loader knob (pulls off) assemble handle as pictured.  
Attach handle to stem, make sure wire harness clears set screws.  
Run wiring down stem (zip tie) to valve wiring harness.





The two **Red (+)** wires from the Control Handle will attach to Fuse Holder. Install supplied 10 AMP fuse, attach to Positive **(+)** battery post.

The two **Black** wires from Control Handle will need attached to pig tail from the Valve. Connect one **Black to Black** and one **Black to White**. (Butt connectors are not supplied). Secure all wiring with cable ties.



Wire Harness from Control handle

To Positive Battery Post

Fuse Holder

Wire Harness to Valve





## Check the following:

Start tractor and check for leaks.

Check tractor hydraulic levels, add as needed.

Check to make sure 3<sup>rd</sup> function valve energizes and the indicator light on the front correspond to the button being pushed.

If not engaging check the fuse , if it is blown check the wires to make sure the set screws are not pinching the wires.

