

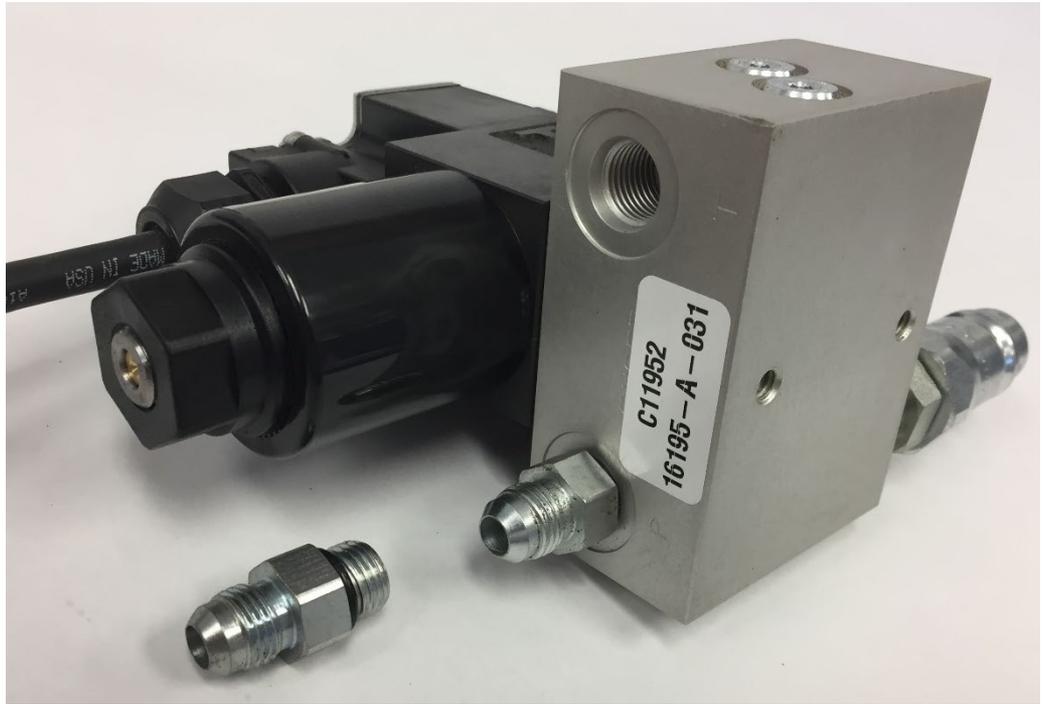


Dealer Training

MX4700, MX4800, MX5100, MX5200, MX5800
#3RD FUNCTION VALVE INSTALLATION MANUAL.
VALVE KIT PART# 380-166A

Assemble Valve.

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



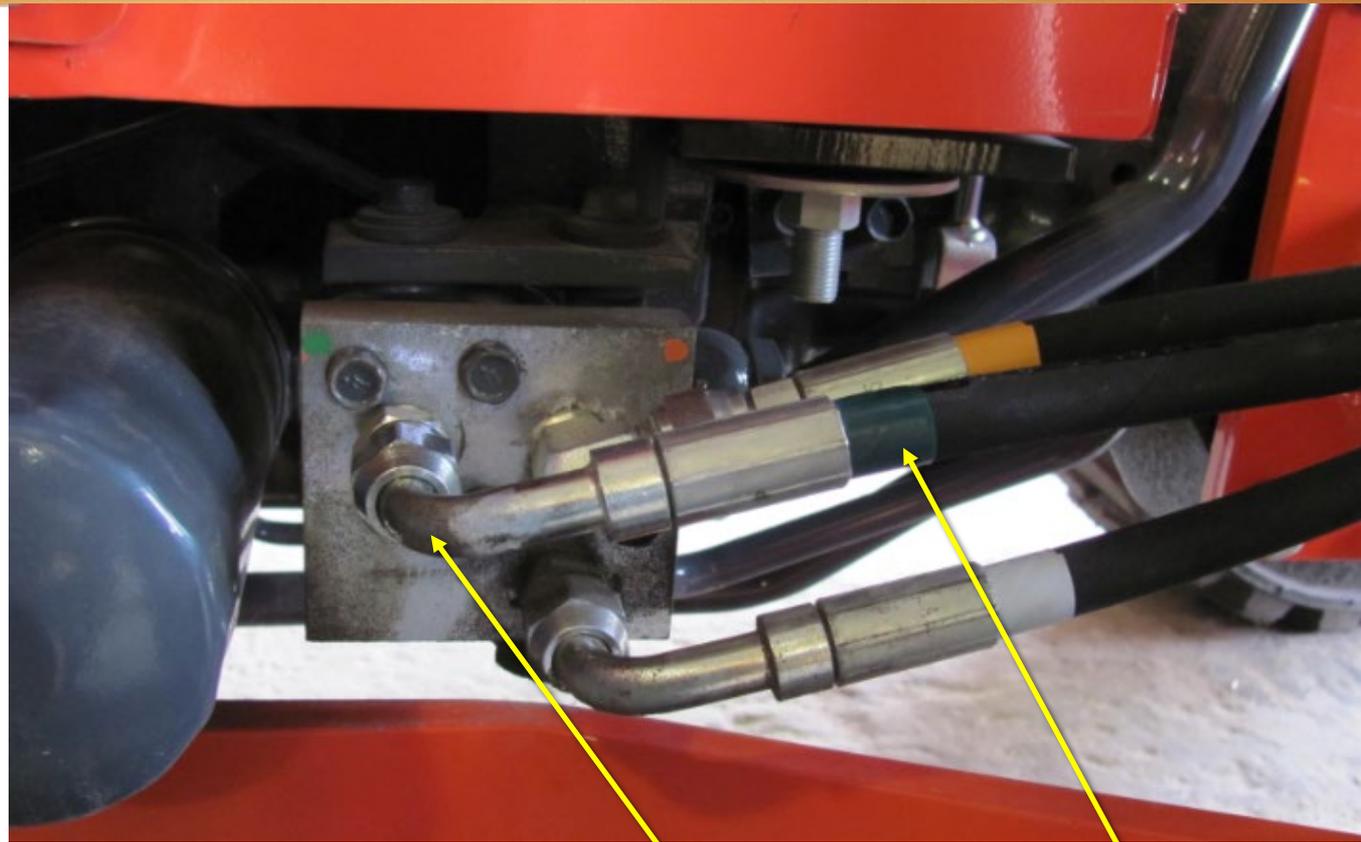
On the other side of valve locate Port A & B. Install PN# 851-084C MORB in each port. then Install Male Tips to this fitting.



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

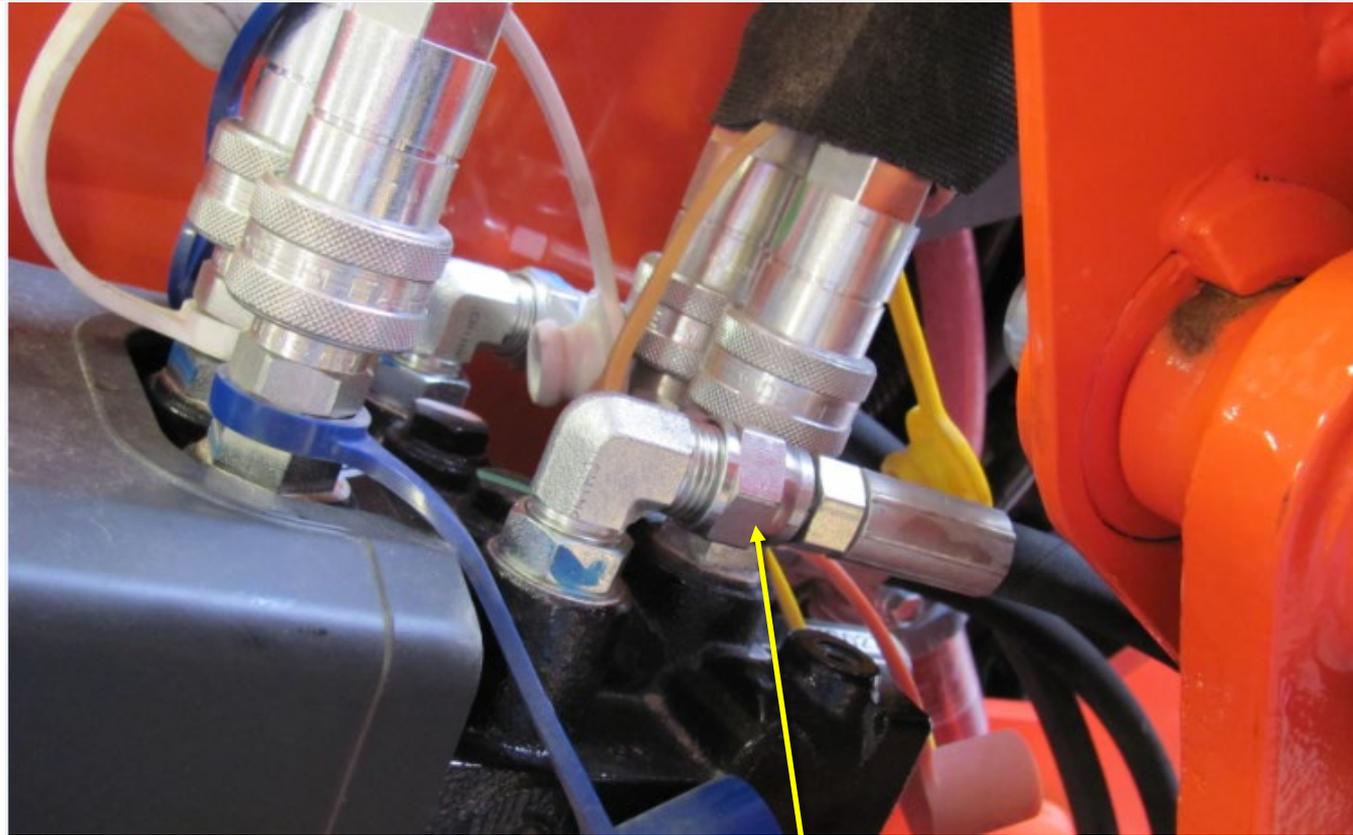


**If Block does NOT
feed rear remote or
backhoe instructions:**
Remove Green line
from block below RH
corner of platform.



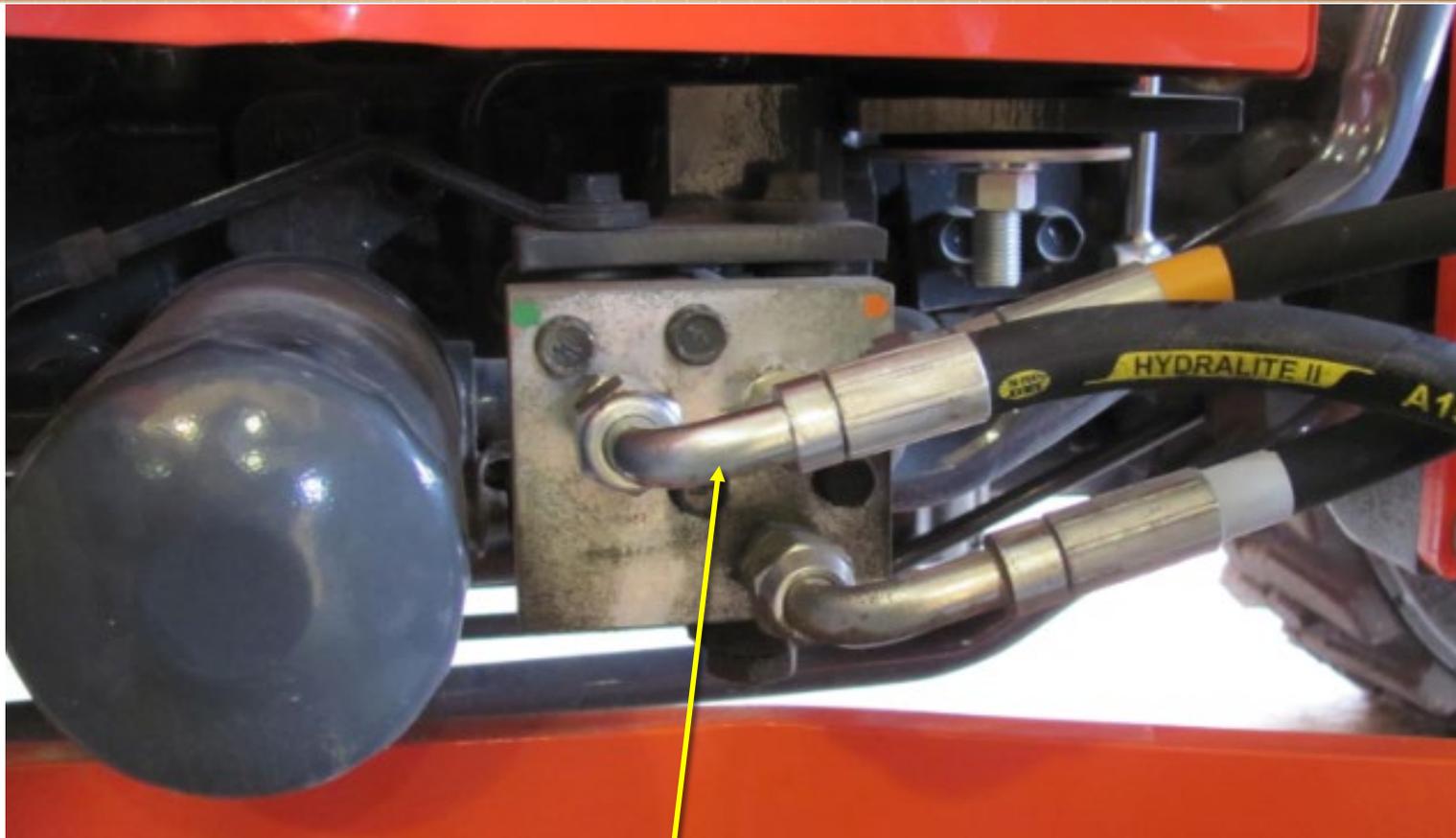
Remove from top rear port, green hose

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.

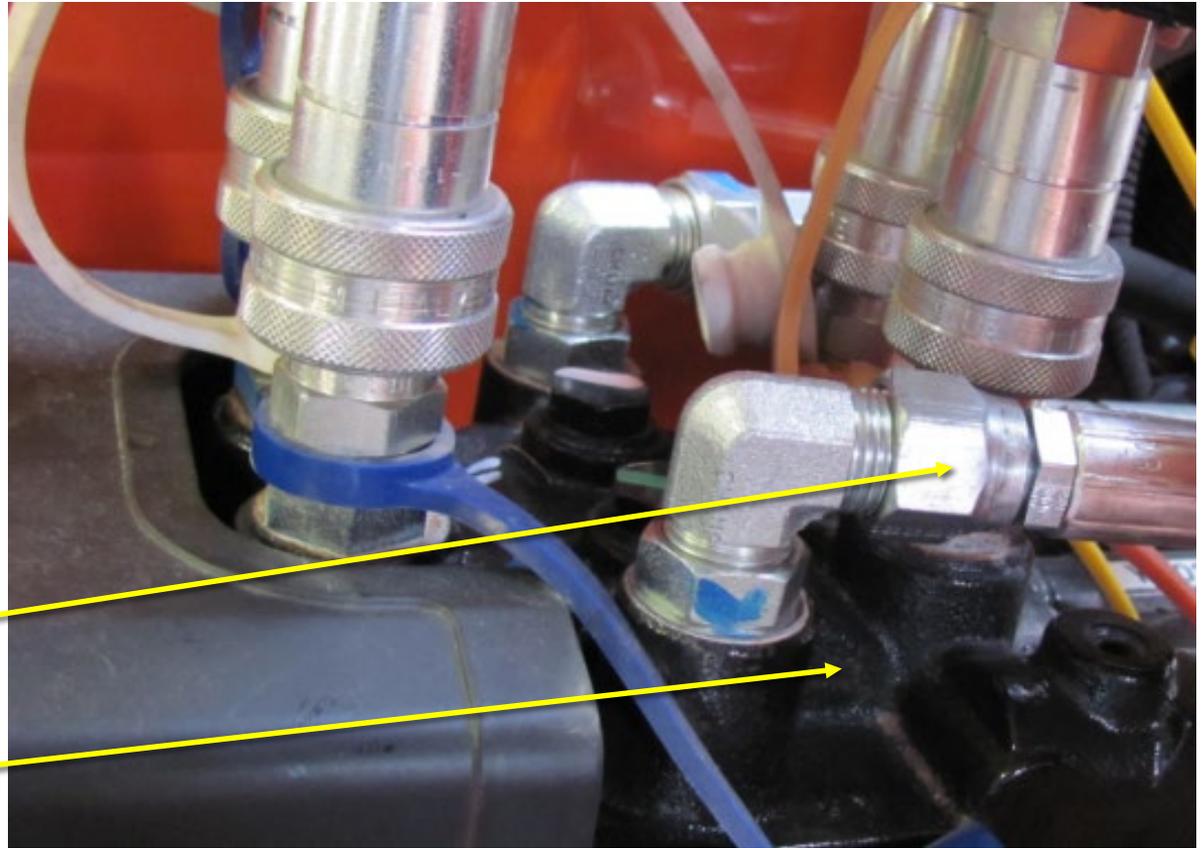


Hose from Block to P Port under Valve

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

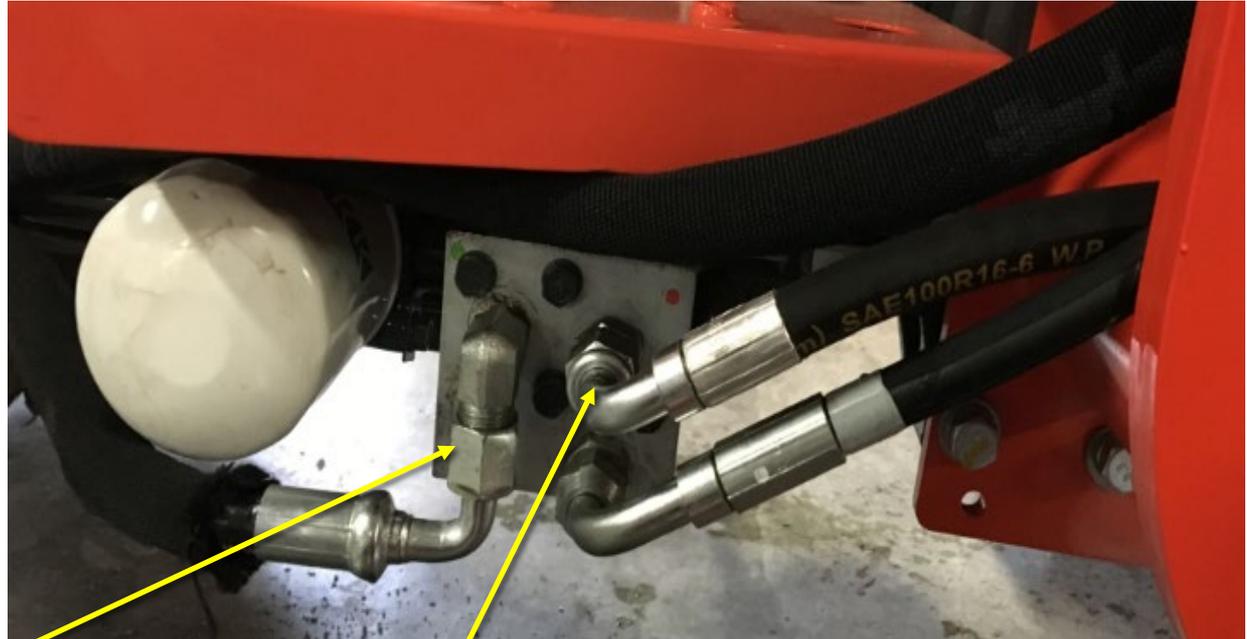
Hose from T port to loader valve elbow.

Loader Valve



If rear remote or backhoe option is installed: Remove Orange line from Top front port of block below RH corner of platform.

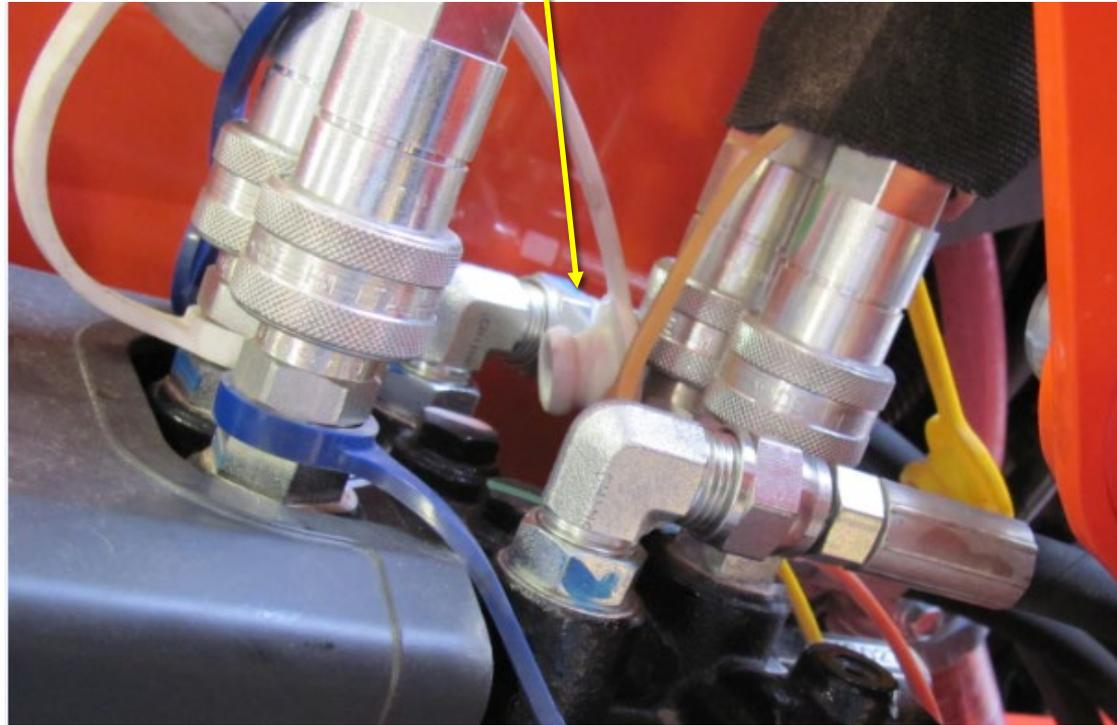
If top rear port of hyd block is used for rear remote or backhoe



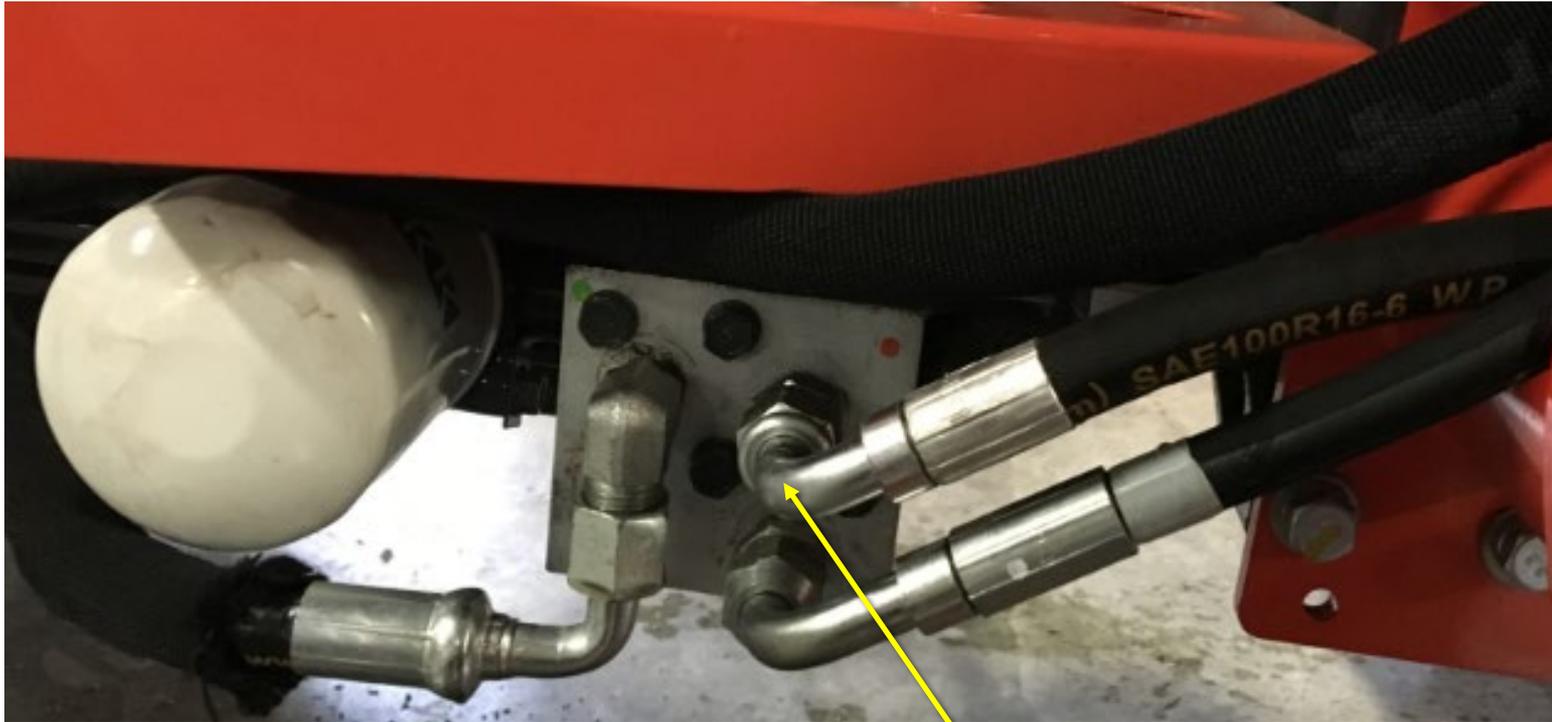
Remove from top front port, Orange hose

Follow hose to loader valve and remove it from elbow fitting

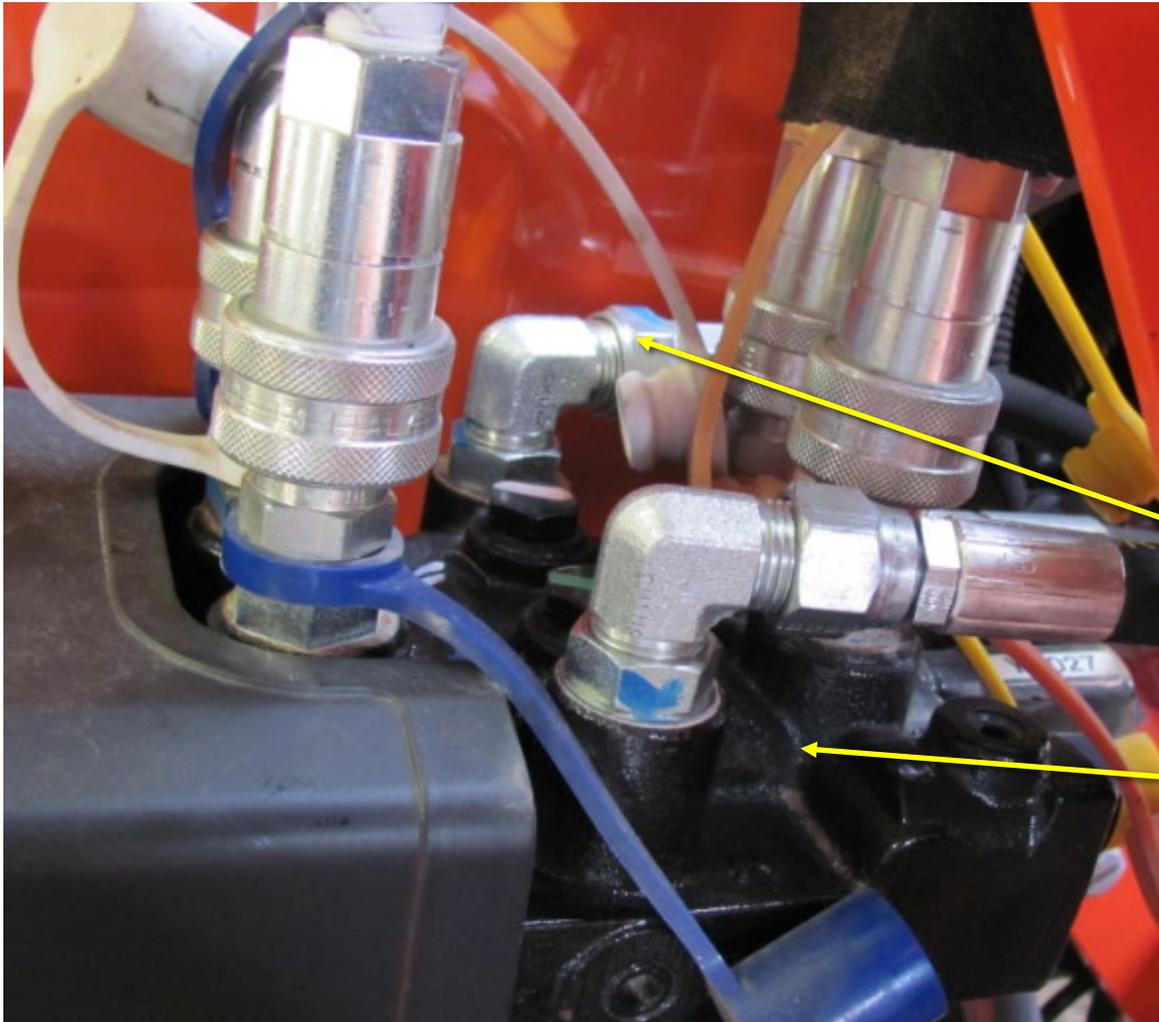
Follow (orange) hose up to loader valve and remove hose from elbow fitting. Discard this hose.



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

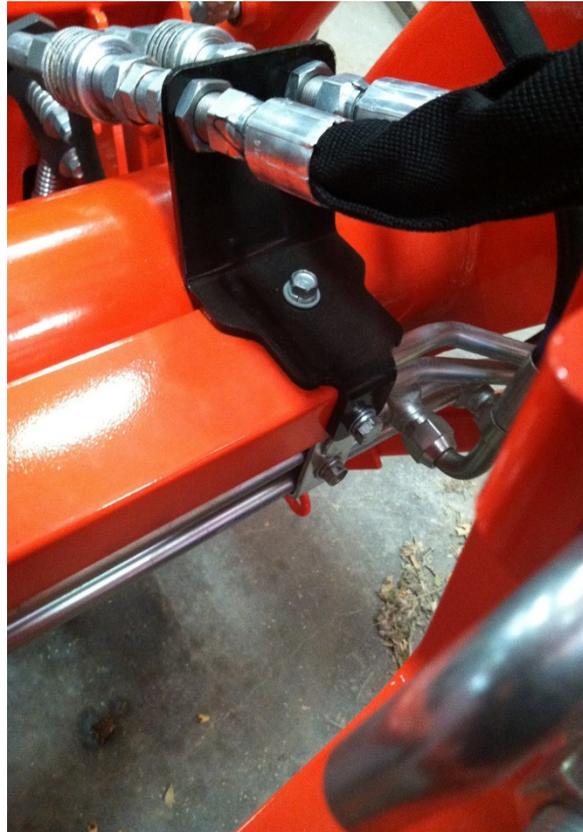


Hose PN# 841-331C will attach to T Port of Valve and other end will connect to loader valve elbow fitting.

Hose from T port to loader valve elbow.

Loader Valve

Assemble Bulk head plate to loader at torque tube shield as shown. 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 3rd function valve. Secure all hoses were needed.

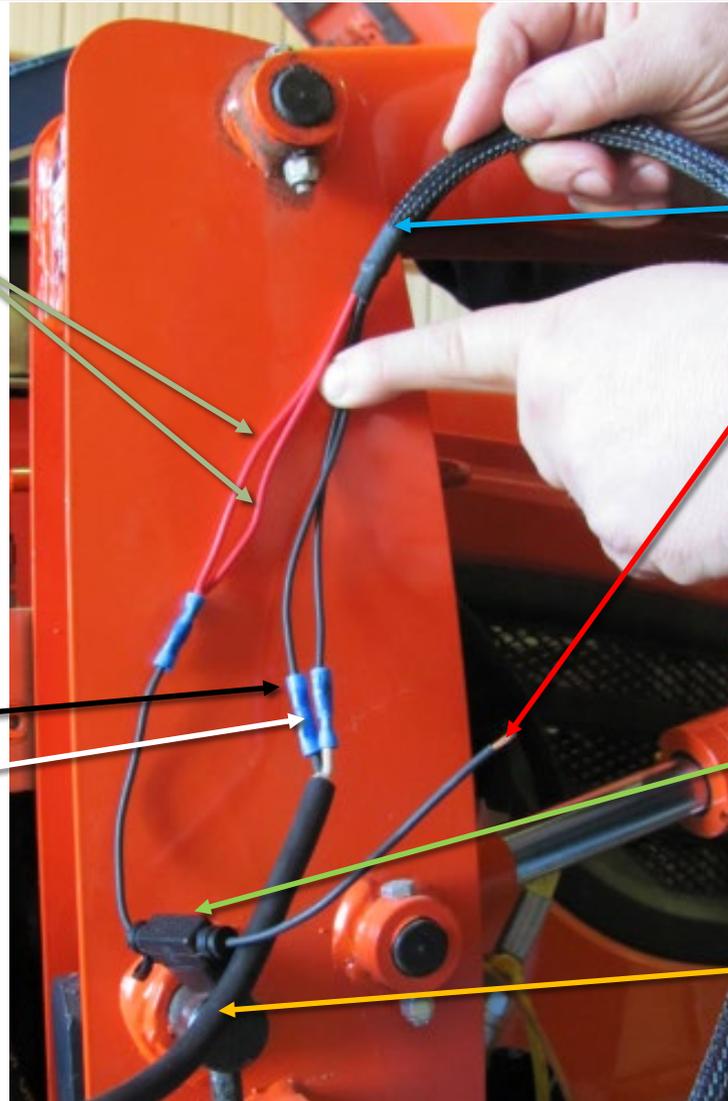


Remove loader knob (pulls off) assemble handle as pictured.
Attach handle to stem, make sure wire harness clears set screws.
Run wiring down stem (zip tie) to valve wiring harness.



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 3rd 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.

