

# Live 3rd Function Valve Kit (VKKULA340) Installation Instructions for the Kubota LA340 and LA344 (12B)

LA340 on BX23S LA344 on BX1880, BX2380, BX2680

Please visit our Frequently Asked Questions (FAQ) page on our website. [www.wrlonginc.com/help](http://www.wrlonginc.com/help)

1. Three holes will need to be drilled into the right side of the deck and three in the top. Use the W. R. Long valve and mounting bracket as a template for the placement of these holes. Align the side of the W. R. Long valve with the front of the deck and make sure the A and B ports point up. Drill three holes in the side of the deck to match the three holes in the valve mounting bracket and the same with the top 3 holes. Use the three 3/8" bolts and nuts included in the kit for the side and the 3 carriage bolts for the top.
2. The loader valve is located under the right rear fender. There are two 1/4" hoses with 90-degree fittings connected to the loader valve that can be seen on the outer side of the valve. One of these hoses is connected to the power beyond port. Disconnect the hose end that is connected to the power beyond port.
3. Connect one of the 3/8" hoses provided in the kit to the hose end just removed from the power beyond port and connect the other end to the "T" port on the W. R. Long valve.
4. Connect the other 3/8" hose provided in the kit to the power beyond port and connect the other end to the "P" port on the W. R. Long valve.
5. On the right side of your loader torque tube there are two bolts that secure a linkage bracket to the tube. Remove these bolts and use the longer bolts from your kit to install the bulkhead plate to the torque tube. Make sure the quick connects point toward the back of the attachment.



NOTE: This valve kit is designed to work off the power beyond port of your loader valve to operate hydraulic cylinders. Visit [www.wrlonginc.com/help](http://www.wrlonginc.com/help) for more information.

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6. Install the remaining two hoses to the “A” and “B” ports on the W. R. Long valve and the other ends to the bulkhead plate.
7. See the Valve Kit Owner’s Manual for the electrical instructions.
8. Once installation is complete, verify that ALL fittings and hose connections are tight. Carefully operate your new W. R. Long valve to check for leaks. Next, slowly operate your loader and attachment functions (up-down, dump-curl, open-close), through the full range of motion, to check for hose clearance or binding.

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