

## Toolcat 5600 Rear Auxiliary Selector Valve Installation Instructions

Selector Valve should look like Figure 1 upon delivery

Step 1: Remove both (2 bolts only) 3/8" Bolts at Drivers Side that hold the Lift Bed Pin Bracket and the Bottom Cylinder Pin Bracket (Figure 2)

Step 2: Install Selector Valve Mounting Plate ovetop the pin clip brackets using the bolts removed in Step 1

Step 3: Mount the Selector Valve onto the Mounting Plate. Have the Quick Couplings facing the rear of the machine. (Figure 3)

**DO NOT LOOSEN OR REMOVE ANY HYDRAULIC LINES ON DUMP BED CYLINDERS UNTIL ALL WIRING IS INSTALLED**

Step 4: Raise Dump Bed. **MAKE SURE THE SAFETY ON THE DUMP BED IS IN PLACE.**

**Steps 5-7 are for Electric Selector Valve only. For Manual Selector Valves skip to step 8.**

Step 5: Run wires back from Selector Valve to the cab along the frame in a neat manner. Zip-tie as needed.

Step 6: Install switch & wiring in cab at location of your choice.

Step 7: Ensure that the switch is only powered when ignition is on. Any low amperage HOT wire that is only HOT when the ignition is on will work – for example, the lights or the horn. Run hot wire to switch as marked.

Step 8: Lower Dump Bed all the way.

Step 9: Disconnect hydraulic lines on both Dump Bed Cylinders 1 at a time. Have a container ready to catch minimal hydraulic leakage.

Step 10: Take the 2 lines from the Driver's side cylinder and fit Top line to Top of Valve (P1) & Bottom line to the 12" hose at the Bottom of Valve (P2). These are your hydraulic supply lines to the Selector Valve. Route these lines neatly.

Step 11: Install the hydraulic lines from Selector Valve to Dump Bed Cylinders. The top lines go to the tops of the cylinders, bottom to bottom. The longer lines go to the Passenger's side, short to driver's side. Align the fittings on the Selector Valve in the orientation which provides the best fit.

- Run the 2 lines that go to the Passenger Side Dump Bed Cylinder on the back side of the Cooling Fan and fasten using zip-ties

**WHEN INSTALLING LINES, BE AWARE OF POSSIBLE PINCH POINTS! WATCH CAREFULLY WHEN YOU RAISE AND LOWER THE DUMP BED FOR THE FIRST TIME. ENSURE THAT THE ROUTING ORIENTATION IS SUCH THAT THERE ARE NO PINCH POINTS**

Step 12: Install 2 plugs on the lines that went to the Passenger side Cylinder, both top and bottom. Zip-tie to the new lines.

\* Placements of Fittings are not Exact.

\*\* Hydraulic Lines and Fittings are not fully tightened. Tighten before Using.



Figure 1



Figure 2 - Arrows point to 3/8" bolts



Figure 3