

Jari Niskakoski

Maaselän Kone Oy

9 October 2014

Valve kit installation instructions, HP Falcon



1. Run the machine's input conveyor belt until the joint reaches the appropriate position.
2. Turn off the machine and disconnect it from the power source.
3. Raise the input conveyor into the transport position and pull the input conveyor's connecting wire (Figure 1) out of the coupling.

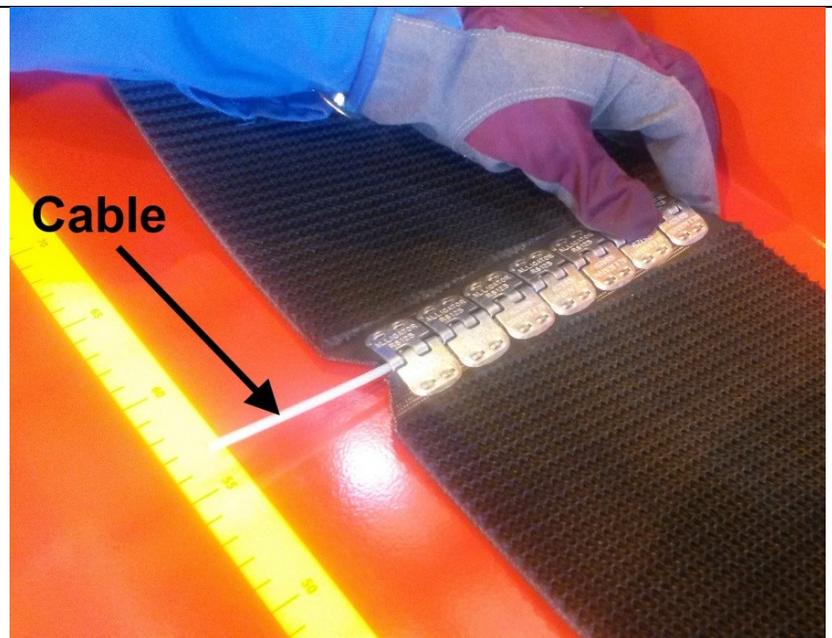


Figure 1.

4. Remove the wood gripper's locking pin and washer (Figure 2) and pull out the wood gripper.
5. Remove the fastening nuts (7 pcs) as shown in figures 3 and 4 and lift the input table cover.

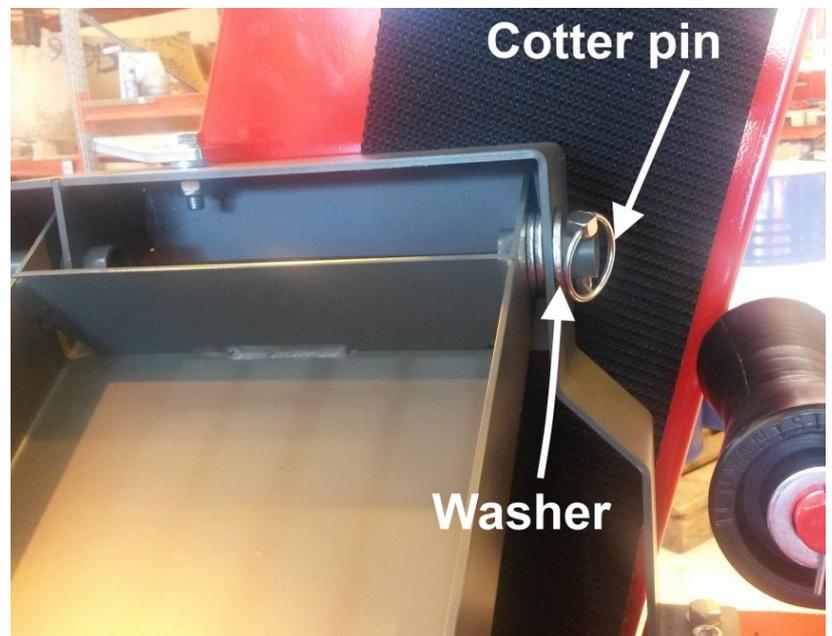


Figure 2.



Figure 3.

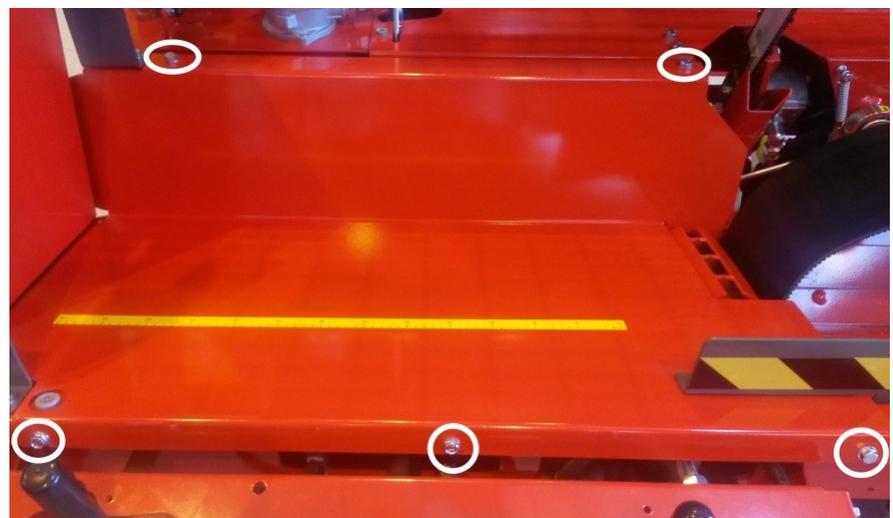


Figure 4.

6. Remove the plugs shown in Figure 5, and smooth the plug attachment surfaces with a file.

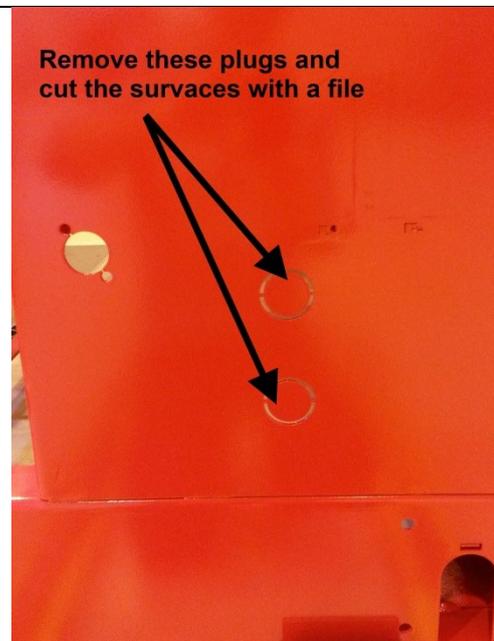


Figure 5.

7. Install the valve kit and attach it with the fastening screws, as shown in Figure 6.



Figure 6.

8. Install the quick coupling/hose assemblies (upper hose in the upper hole and lower hose in the lower hole).

Note! The hoses may be loose at this point so that they will turn into the correct position.



Figure 7.

9. Place the locking rings around the quick couplings, and use pliers to slide the locking rings into the fifth groove of the quick coupling, as shown in Figure 8.
10. Tighten the hoses depicted in Figure 9 into place.



Figure 8.

11. Remove the lower hose of the input conveyor motor, as shown in Figure 10.



Figure 9.



Figure 10.

12. Then use pliers and a ring spanner to turn the end of the hose detached in step 11 to the correct angle (as shown in Figure 11), so that the end is properly aligned with the T-branch of the lower quick coupling (Figure 11).



Figure 11.

13. Once this is done, attach the other end of the hose included in the package (which features an elbow) to the input conveyor motor, as shown in Figure 12.

Note! Tighten the hose in such a way that the hose is aligned with the bearing in the figure, so as not to interrupt the machine's splitting mechanism.

14. Fasten the other end of the hose (straight) into the T-branch of the upper quick coupling, as shown in Figure 13.

Note! Use pliers to hold the T-branch in place while tightening the hose, as shown in Figure 13.

15. Install the input conveyor cover by following steps 3–5 in reverse order.
16. Test the operation of the valve using the HakkiFeed 422 timber deck, for example.

Note! The valve's operating instructions can be found in the machine's manual.



Figure 12.

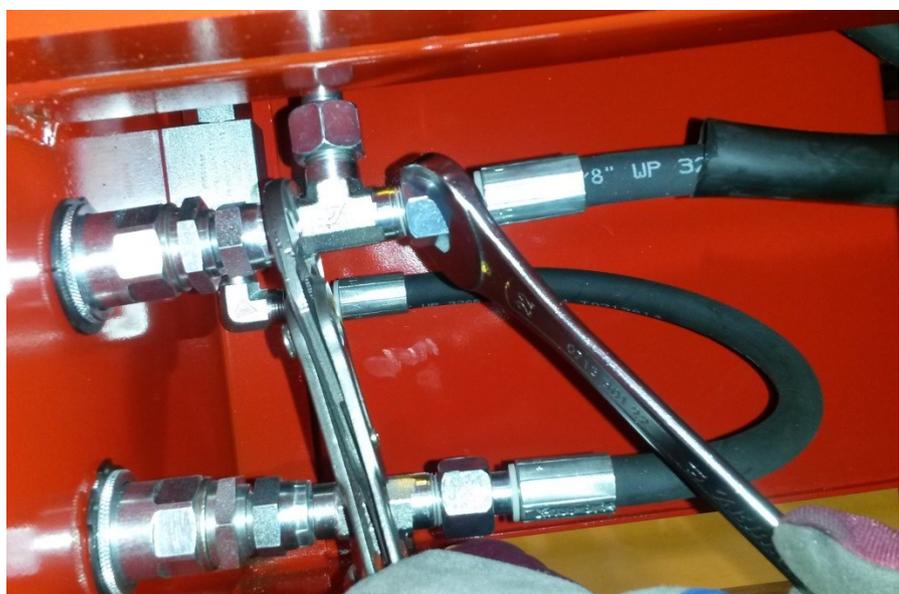


Figure 13.

