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Auxiliary valve installation instructions, Hakki Pilke 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.

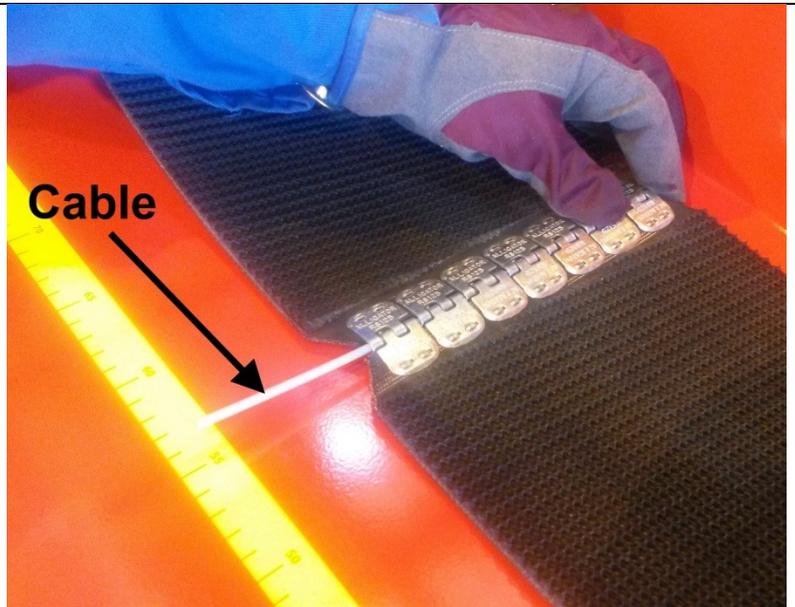


Figure 1.

4. Remove the locking pin and washer of the wood gripper (Figure 2) and pull out the wood gripper.

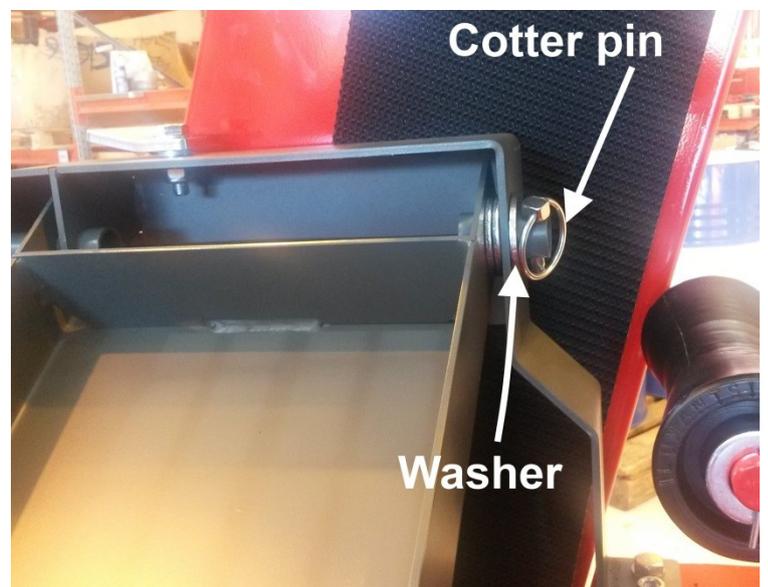


Figure 2.

5. Remove the saw bar adjustment and locking disc, as shown in Figure 3.
6. Remove the control panel fastening nuts (8 pcs), which are circled in figures 4 and 5, and remove the control panel.



Figure 3.



Figure 4.



Figure 5.

7. Remove the fastening nuts (7 pcs) as shown in figures 6 and 7 and lift the input table cover.



Figure 6.

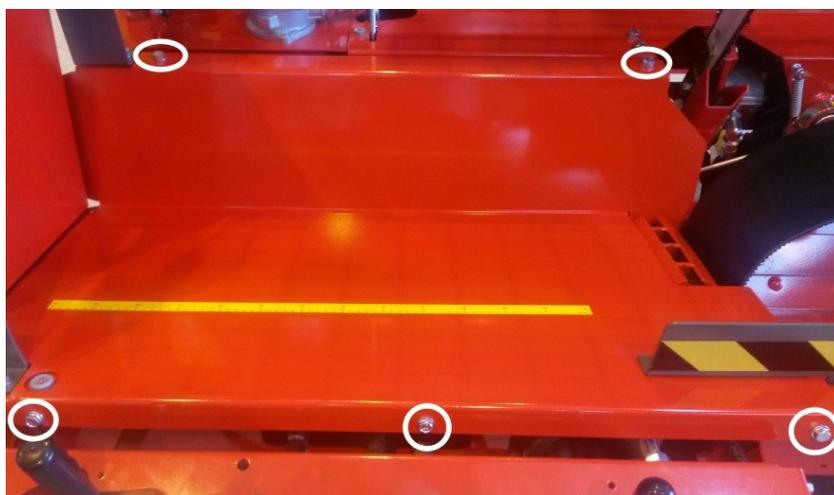


Figure 7.

8. Install the valve fastening nuts, as shown in Figure 8.

9. Remove the valve control lever, insert the valve and push the fastening bolts through the valve attachment holes, as shown in figures 9 and 10.



Figure 8.



Figure 9.

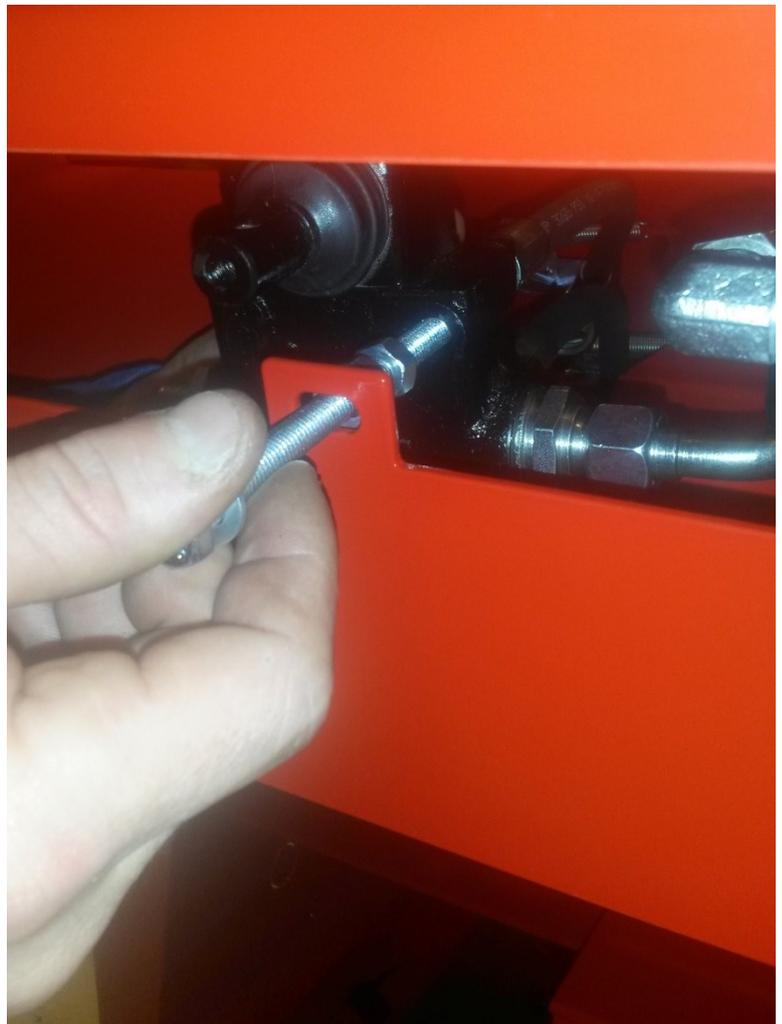


Figure 10.

10. Tighten the nuts shown in Figure 11.

11. Screw the Nyloc nut (2 pcs) as shown in Figure 12 into place as shown in the figure, and tighten the fastening bolt nuts (2 pcs) to the valve.

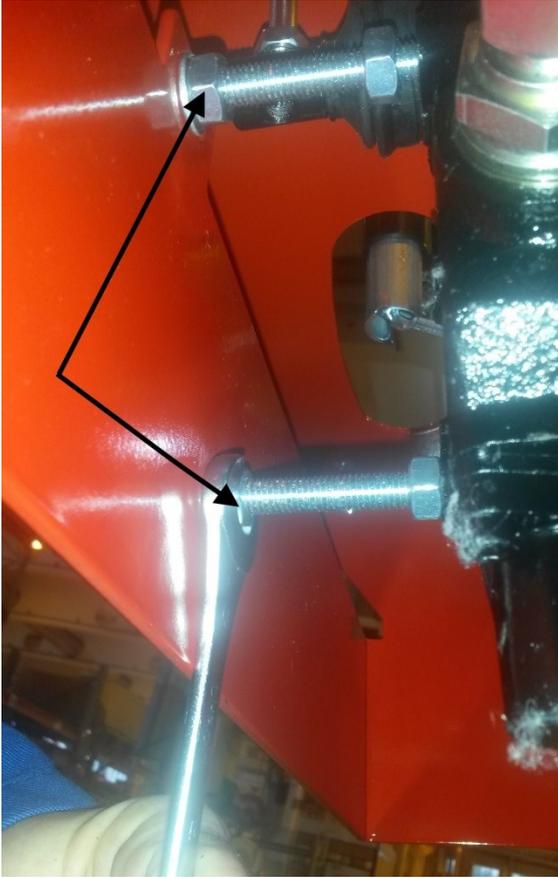


Figure 11.



Figure 12.

12. Once all six valves have been properly tensioned, screw the valve control rod to the valve and ensure that it does not connect with the edges of the slot shown in Figure 13 when it moves.



Figure 13.

13. Guide the valve quick couplings through the openings, as shown in Figure 14, and place the ring pins around the quick couplings.



Figure 14.

14. Use pliers to slide the ring pins in place, as shown in Figure 15.

15. Finally, ensure that both ring pins are in the fifth groove of the quick coupling, as shown in Figure 15.



Figure 15.

16. Then remove the pressure hose of the output conveyor's flow valve (Figure 16) and attach it to the available valve connector, as shown in Figure 17.

17. Guide the hose to the auxiliary valve, as shown in Figure 18.

18. Ensure that there is sufficient room between the hose and the frame so that the hose does not chafe and get broken. Use a cable tie to bind the hose to the cluster of hoses, as shown in Figure 18.



Figure 16.

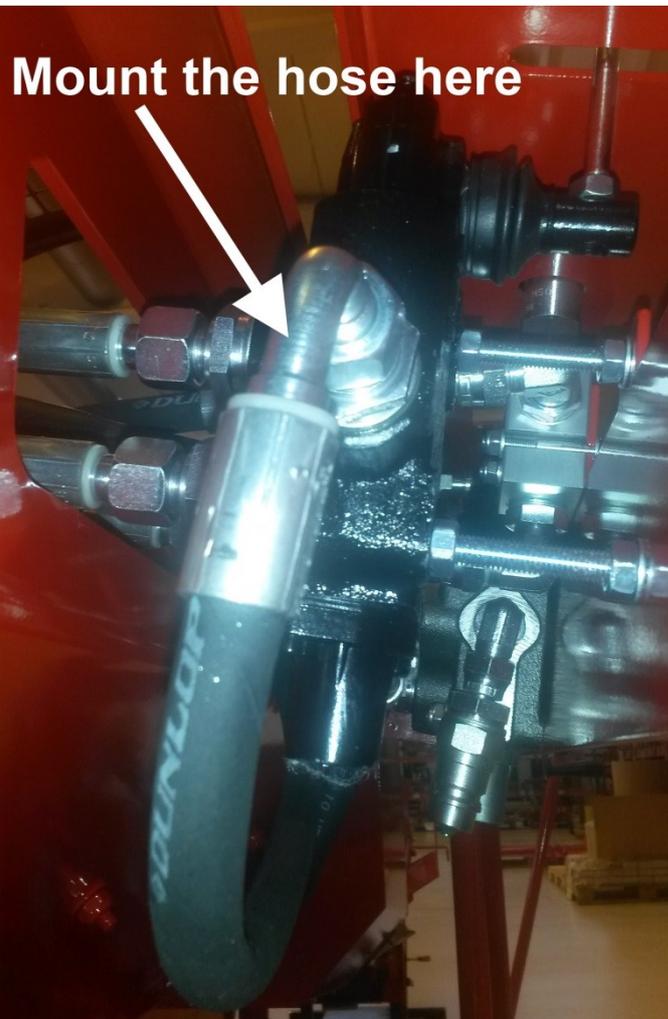


Figure 17.

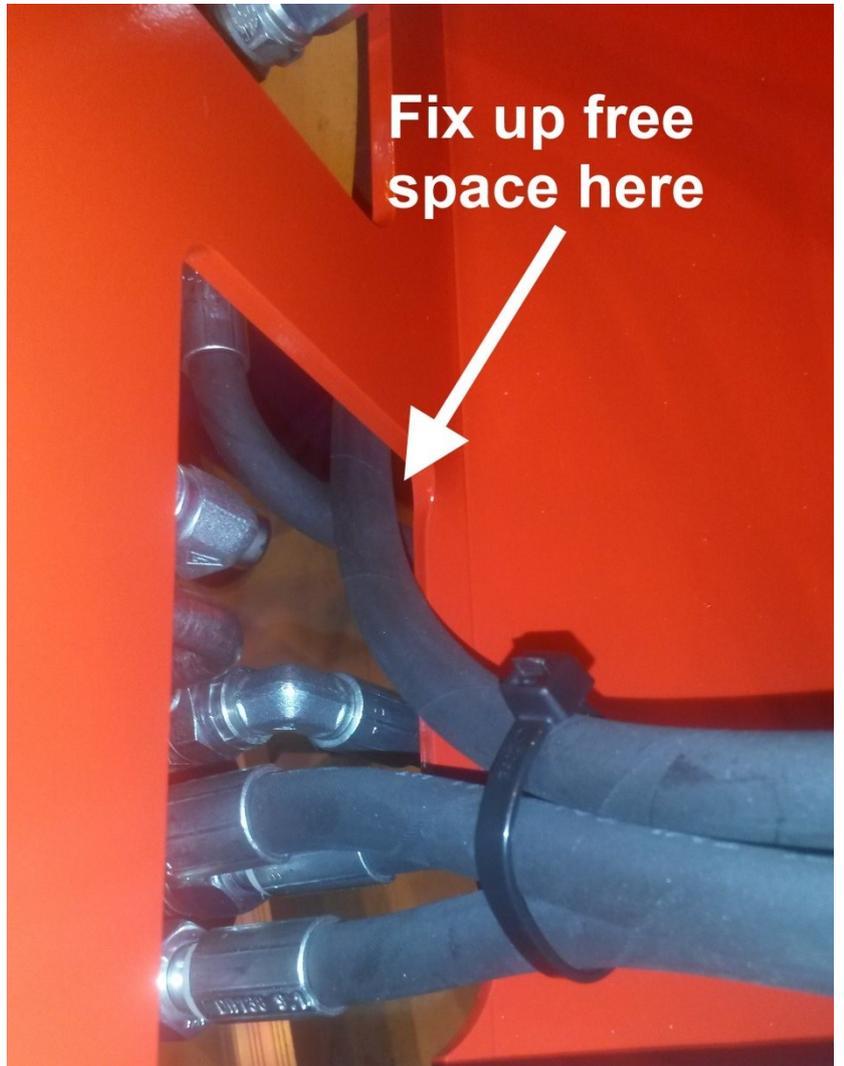


Figure 18.

19. Remove the protective film on the return hose of the auxiliary valve and run the hose to the output conveyor's flow control valve through the smaller opening, as shown in Figure 19.

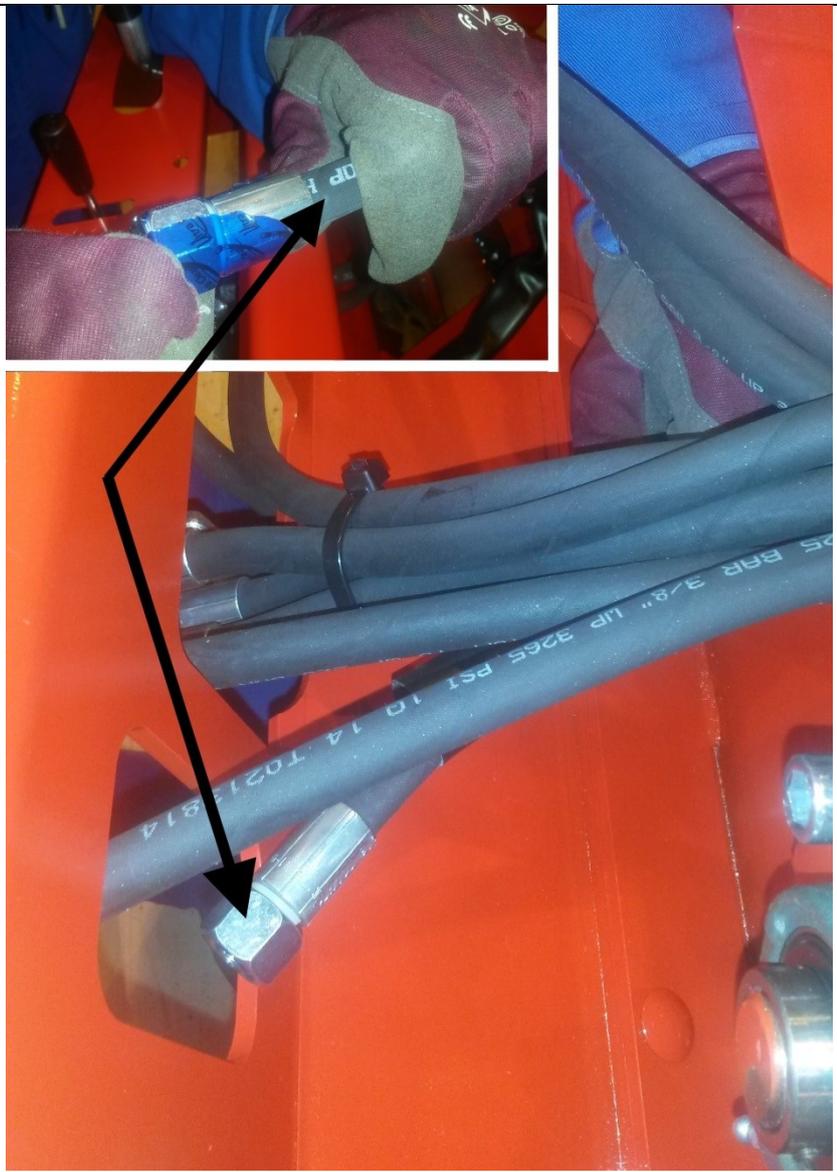


Figure 19.

20. Attach the hose to the same place from which you removed the hose in step 16 (see Figure 16), as shown in Figure 20.
21. Assemble the machine into working order by following steps 1–7 in reverse order.
22. Test the operation of the auxiliary valve using a log lifter, for example.



Figure 20.

