

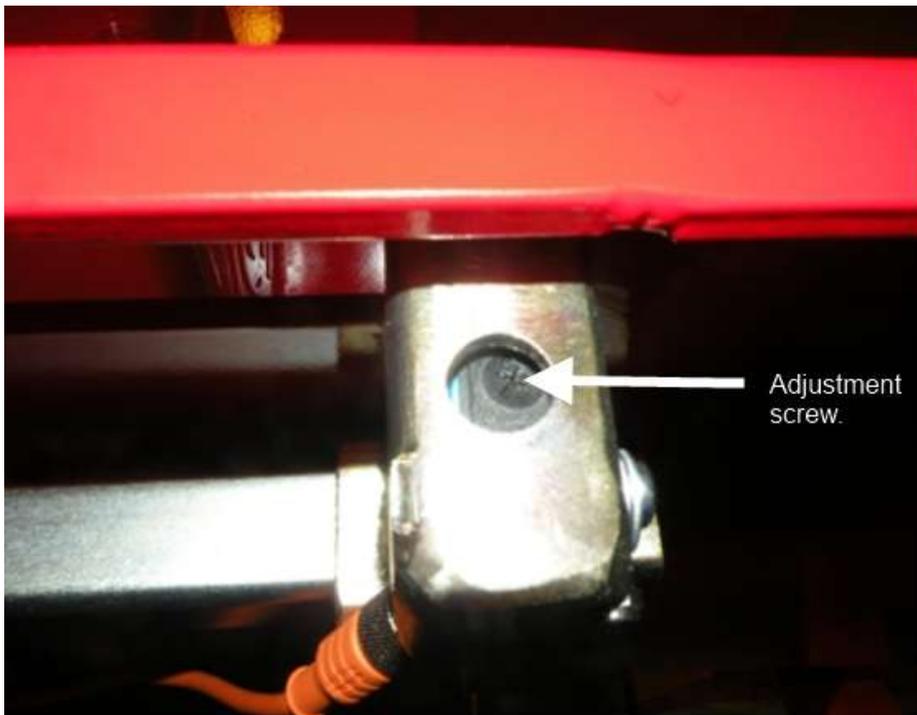
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Technical Bulletin

We have detected problems with optical eye of HakkiPilke 50 and HakkiPilke 42, in which optical eye doesn't "see the wood" or it "sees it the whole time" (infeeding belt doesn't move forward). In those cases, there's a wrong adjustment on the sensitive screw of optical eye (see picture below). In problem cases, adjust the sensitive eye as follows:

1. Optical eye doesn't see the wood: turn the sensitive screw clockwise.
2. Infeeding belt doesn't move forward (when there's nothing in front of the optical eye): turn the sensitive screw counter-clockwise.



We have also detected some problems with splitting function of Hakkipilke 38 Easy, in which a return movement has been too slow and it has loaded electric motor or tractor too much, because the shaft of split valve hasn't moved fully to return-position. Fix the problem in following manner:

1. Add Voltage of power supply:

1. Disconnect power supply and remove the cover of control unit.



2. Open the door of start unit.



3. Add the Voltage of power supply by turning the screw (see picture) clockwise (don't push too much in order not to brake the socket of screw). If required, turn it as much as possible.



4. **Clean the split valve.** In some cases, there's been rubber dust in split valve, which has had access to split valve from intake hose of hydraulic pump (is due to of cutting process of intake hose). Because of that the shaft of split valve doesn't move well and the split valve jams.

You can clean the split valve in following manner:

1. Disconnect the machine from power source.
2. Remove the cover of control unit.
3. Put a bowl under the machine and have the plugs (3/4 " and 1/2") handy for hydraulic hoses like in figure below.





4. Remove the hydraulic hoses of speed valve and mount the plug (3/4") for the hose, which goes to hydraulic oil tank. Like in figure above.



5. Remove the attachment bolts of speed valve and remove the speed valve from the split valve.



6. Mount 1/2" plug to T-branch like in figure.



7. Remove the electric plugs of split valve (2 pcs).



8. Remove the attachment bolts of split valve (2 pcs).



9. Put the valve on clean workbench.



10. Remove the attachment nut of inductor and pull inductor and O-ring off (from both side of shaft).



11. Remove the shaft of inductor, springs and washer. (N.B there's only 1 spring on the other side).



12. Pull the shaft off. You can also test that the shaft isn't too tight to move.



13. Spray a cleanser (e.g. Brake Spray) into valve from every opening and blow also pressure air at the end. Then mount the pieces in reverse order.