

Service description

Product: VM370	Service description no: 4131-S001	Ver: 1
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Symptom

The saw motor and the splitting ram do not start even though the machine control box has power supply.

Caused by

Thermal damage to circuit board. The plus and minus poles have been changed during connection.

Solution

Upgrade the machine's electronics to the last version prepared to withstand opposite polarity.

1. Open the cover as illustrated and open the electronics box.



2. Open the cover aside the gear box. Untighten the screws holding the safety sensor. Release the safety sensor from the mounting bracket. Installing a new sensor, the distance from the safety sensor to the safety cover must be approximately 3mm.



3. Release the contacts (4 pcs.) on the hydraulic control unit. Note carefully on the control panel where different functions are attached. The contacts are already marked originally.



4. Release the contact as shown in the picture. Disconnect the cables from the contact.



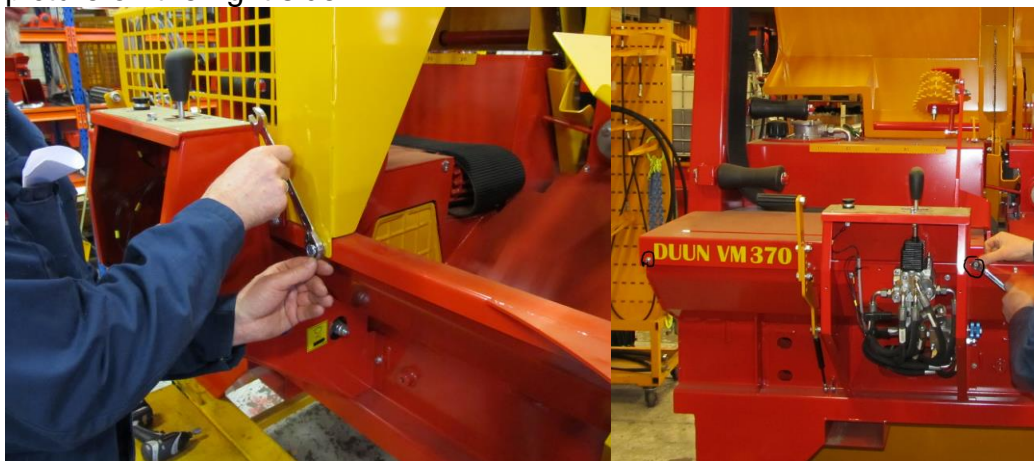
5. Dismount the cover of the operating console. Remove the cover.



6. Release the switch and dismount the contacts as shown in the picture. Mark the contacts ensuring that these are connected correctly when new ones installed.



7. Open safety cover above the feed belt and loosen the screws for the covering lid as shown in the picture on the right side.



8. Remove the cover under the feed belt to access the sensors on the splitting ram.



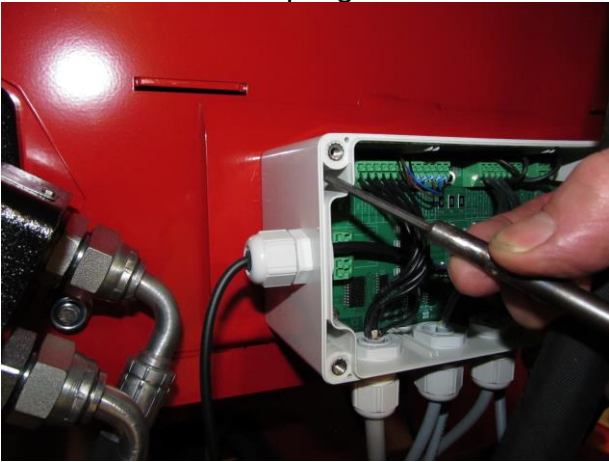
9. Remove the sensors for the splitting function. Mark, which is which, for properly installation. Distance from the sensor to the screw head for the plunger should be approx. 8 mm. Make sure the new sensors are fitted in the correct position for return and stop of the splitting ram. Check this by test driving.



10. Release the contacts on the temperature sensor at the oil tank.



11. Release the couplings box and remove the entire electrical system from the machine.



12. Take the new electrical system and install it in the reverse order.



13. Test the machine after everything is assembled.