

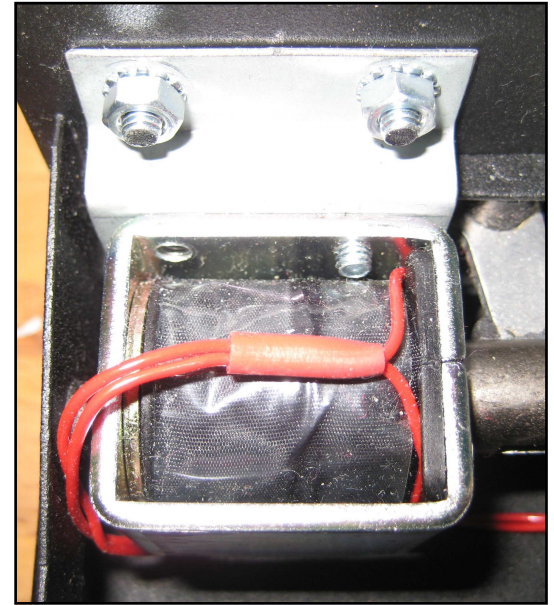
SOLENOID (electro-magnet)

Normally there is no need to replace the solenoid.

If the ejector (the feeding mechanism) is constantly pulled when the Duplimate is powered on (=the ejector moves to the left and stays there), then there is a short circuit in the watchdog (or eprom). When this happens you must be quick to power off before the main solenoid is burnt. c.f. [watchdog.pdf](#).

If the solenoid does not work you should first of all suspect that it does not get any power, c.f. [watchdog.pdf](#).

It could also be a mechanical problem, i.e. that the “moving parts” are stuck. First check the lever going to the ejector, cf [feeder.pdf](#). If the feeding mechanism moves freely it could be so much dirt on the solenoid’s anchor (“its piston”) that it is stuck. To remove the anchor you need to dismantle the solenoid. You can remove the tape on the rear panel of the machine to access the lower screws of the solenoid. If you remove the anchor, check that it has “a cushion” on its short end. If the cushion is missing the machine will be very noisy, but it has no effect on its performance. You can make a cushion from durable plastic foam, or any long lasting material.



Resistance: approx. 8.6 Ohm

Leverantör solenoid:
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Pris per 17/6-08 = 215:-/st

Hel magnet = 9-10 ohm
Brunnen (kortsloten) = 0-1 ohm