

# REFURBISH OLIVETTI F802 DRIVE

All part numbers refer to drawing 50407.01 page 10.5

## Spring collect

- Remove screw 40 on both sides crosspiece 7.
- Remove bracket 50.
- Lift and turn crosspiece 7 to remove spring collect unit, watch out that part 53 and 49 not spring away.
- Remove bracket 51 and pull out all parts.
- Put a few drops sewing machine oil on top of bearing 35, let it flow in the bearing and cleanup the oil on top.
- Clean the outside cone 34 and inside spring collect 18 with alcohol.
- Wet with a thin layer of oil on both sides of parts 37, 49, 52, 53.
- Put it together and replace bracket 51.
- Put the unit in the chuck 19.
- Push down crosspiece 7 and replace bracket 50.
- Bring crosspiece 7 in position and replace both screws 40.
- The spring collect must now be rotating very light.

## Photo sensor

- Clean photo sensor 29 with compressed air.

## Belt

- Remove the screw 76 on the print and the 3 black screws on the black plastic wire holder.
- Remove the connectors from the print and turn the print over.
- Lift the print and the plastic wire holder to remove the belt 21.
- Clean the belt inside with a toothbrush and soap, spool it off and dry it.
- Clean the pulley 20 and 32 with acetone (or polish it with brass polish).
- Put the belt back and fix the print and plastic wire holder.
- Replace the connectors on the print.

## J1 connector

- Polish the contact fingers on both sides with brass polish and clean with alcohol.

## Step motor

- Put some sewing machine oil in the hole at the bottom of the motor 4.

## Head Assembly

- Put some sewing machine oil on the carriage shaft's 33 and move the head assembly back and forth (don't touch the heads).
- If there is black dirt on the end of the shafts, remove it with a cotton bud.
- Leave a thin film of oil on the carriage shaft's 33.

## Head's

- Clean the heads with alcohol.

## Signals

- The large print and frame and long wires makes the read circuit sensitive for noise.

### IMPORTANT

- Solder a wire to ic 149 pin 7 and connect to frame ground on connector block 17 - 4.
- This drive is on a different cable so resistor array 154 and 156 must be in place.

- Keep the power supply at least 10cm away from the drive.

- If the drive is not in a case, put a metal plate connected with the frame at both sides.