

REFURBISH OLIVETTI F802 DRIVE

See UniFLEX\Documents\Manuals\FloppyDrives for OLIVETTI service manuals.

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.