Fixed Disk Compact Hopper €uro Conversion

1. Contents

Disk Bed Assembly
● Optic Shroud
◎▬ Spring
Screws
╬ Ejector Finger
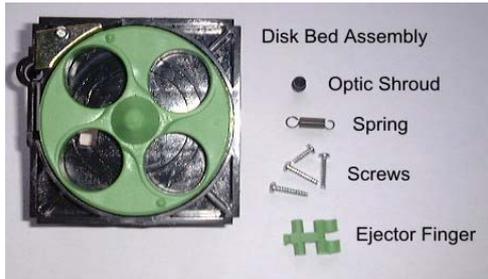
Note: The colour of the disk and ejector fingers are Euro coin dependant.

2. Tools Required

i. Phillips screwdriver
ii. Pliers
iii. Soldering iron

3. Remove the Coin Bowl

Prise apart the rear struts in the direction shown by the arrows in Figure 1.
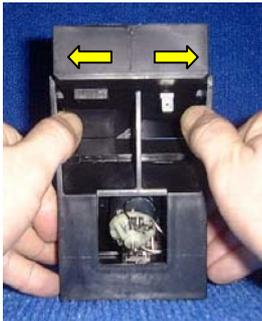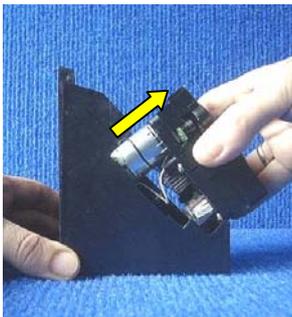

Figure 1:

Now remove the bowl.

4. Remove the Compact Hopper

5. Remove the Rear Cover

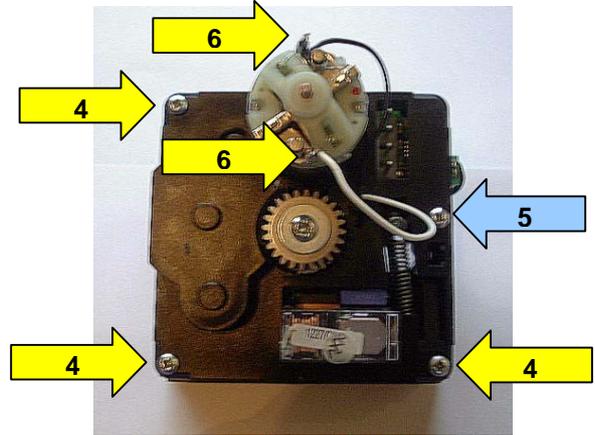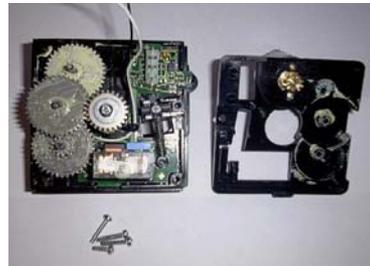Remove the 4 screws shown in Figure 2 and de-solder the motor wires (arrows 6).

Figure 2:

Note: Screw (arrow 5) is the short one.

Carefully lift off the cover to expose the gears and control PCB underneath.
Note the hole where the motor wires pass through.

6. Conversion

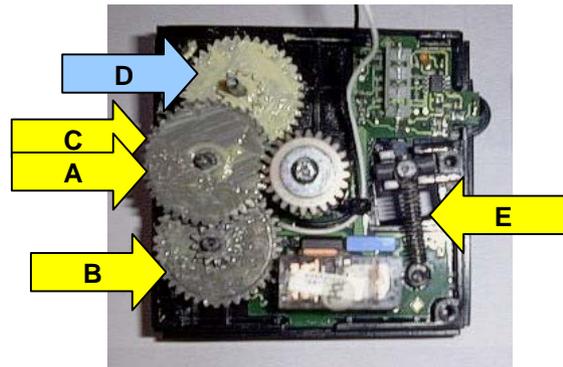Remove gears A, B, C and D (plastic) and the finger spring E (see Figure 3).

Figure 3:

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Remove the PCB (F), the optic shroud (G) and using a pair of pliers, remove the 3 shafts (H) (Figure 4) by pulling them out of the bed – **DO NOT BEND.**
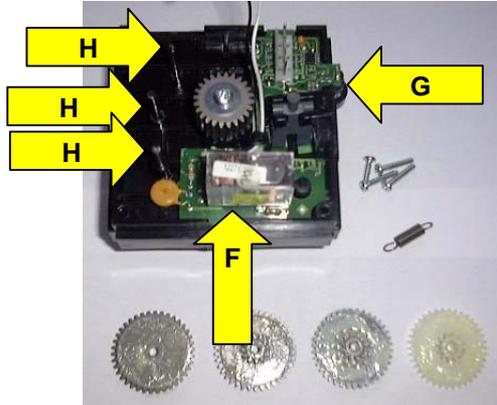

Figure 4:

Figure 5 shows all the parts to be re-assembled.

Figure 5:

7. Re-assembly

Using the parts supplied in the kit, re-assemble the hopper following these instructions in reverse - with the following additions.

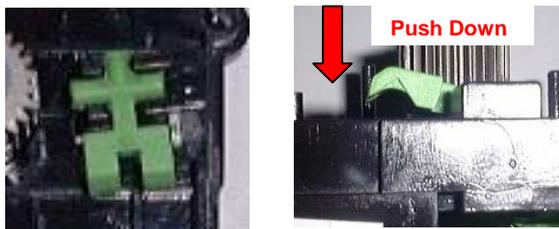i. When fitting the new fingers to the new Disk Bed refer to Figure 6

Push Down

Figure 6:

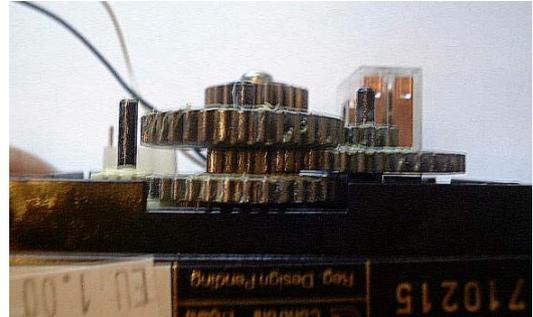ii. When fitting the gears ensure that they are all engaged with each other (see Figure 7).

Figure 7:

iii. Fit the small loop of the **NEW** spring to the turret (Figure 8a). When the cover is fitted the spring can then be stretched over the Fingers using a pair of pliers. (Figure 8b).
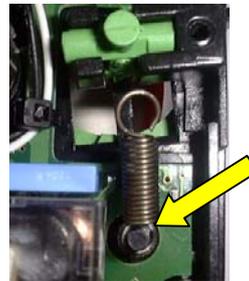

Figure 8a *Figure 8b*

iv. Feed the motor wires through the hole provided and solder the wires as shown in Figure 2.

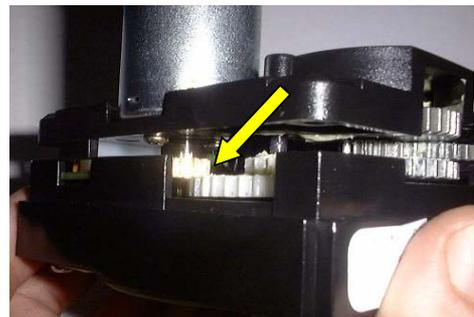v. When fitting the rear cover ensure that the motor drive gear fully meshes with the plastic gear (see Figure 9).

Figure 9: