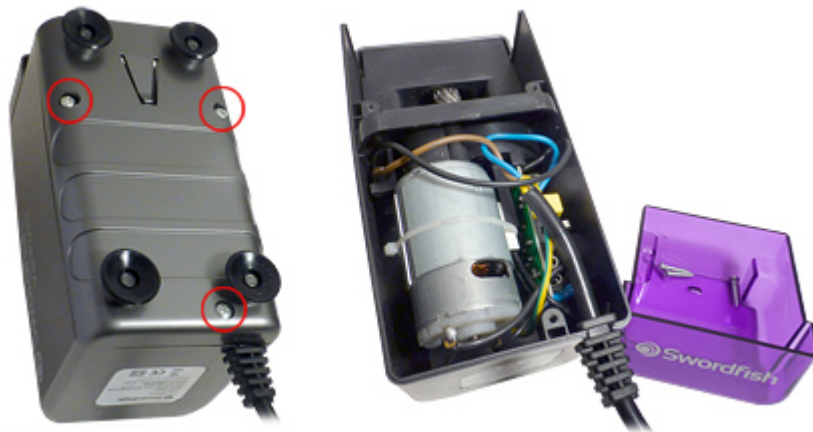


Step By Step Guide - Changing the blade in the Swordfish VariPoint Electric Pencil Sharpener



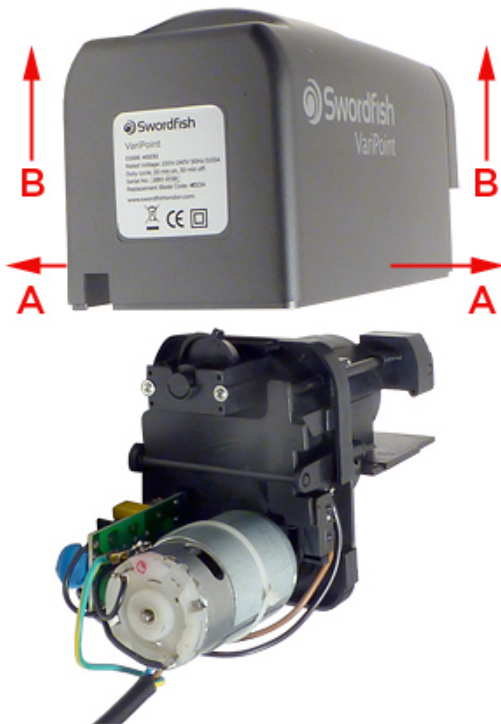
STEP 1

Remove the shavings tray. Remove the 3 screws in the baseplate. You may find it helpful to store the screws in the shavings tray to prevent them becoming lost.



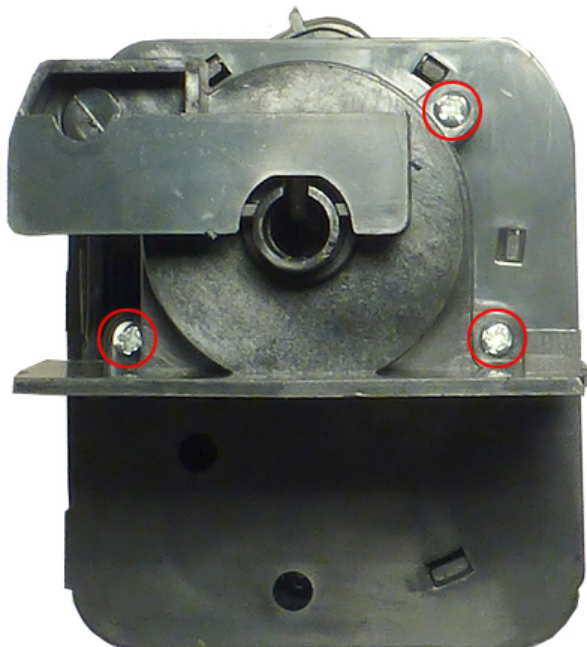
STEP 2

Prise the sides of the casing apart (A) and then lift (B) to remove the mechanism.



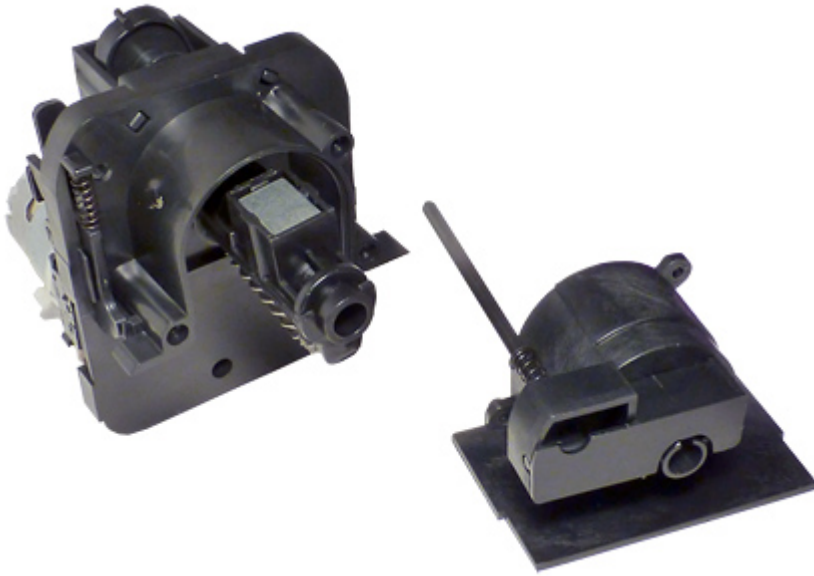
STEP 3

Remove the 3 screws from the front of the mechanism.



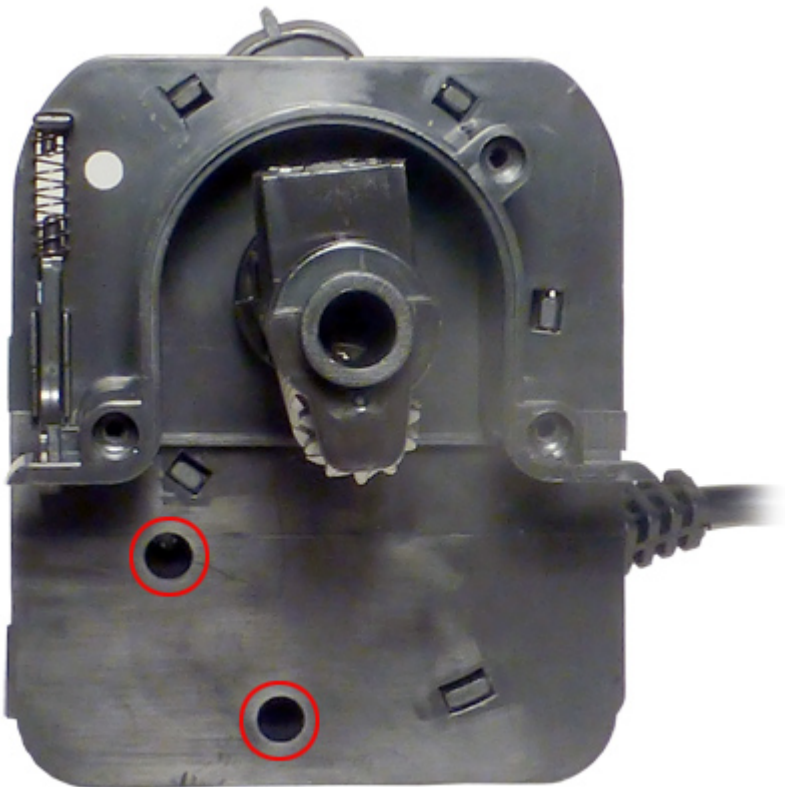
STEP 4

Remove the pencil sensor sub-assembly and set it aside.



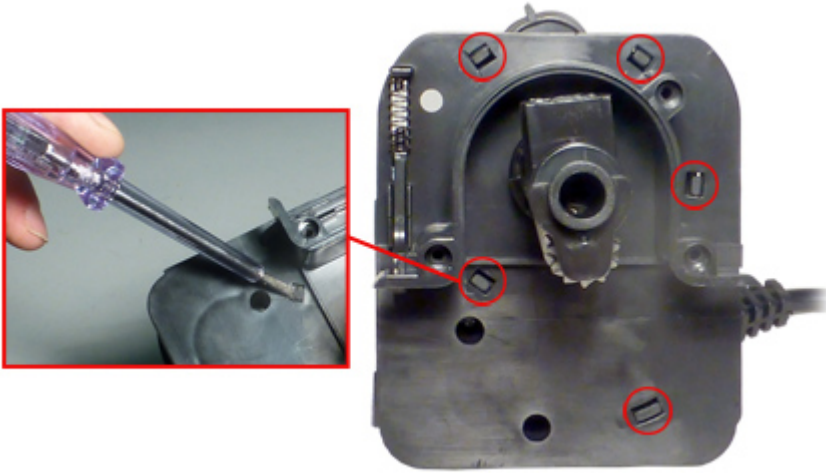
STEP 5

Remove the two short machine screws that retain the motor. Do not disconnect any wires..



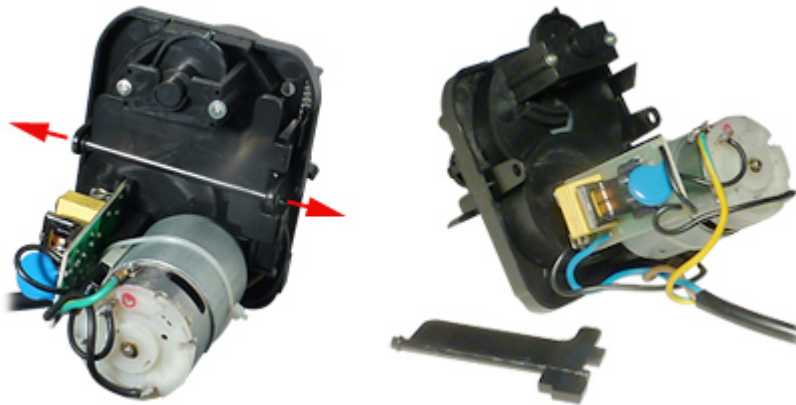
STEP 6

One by one, release the 5 clips indicated by pressing them with a small screwdriver, whilst pulling gently on the backplate. Set the backplate aside.



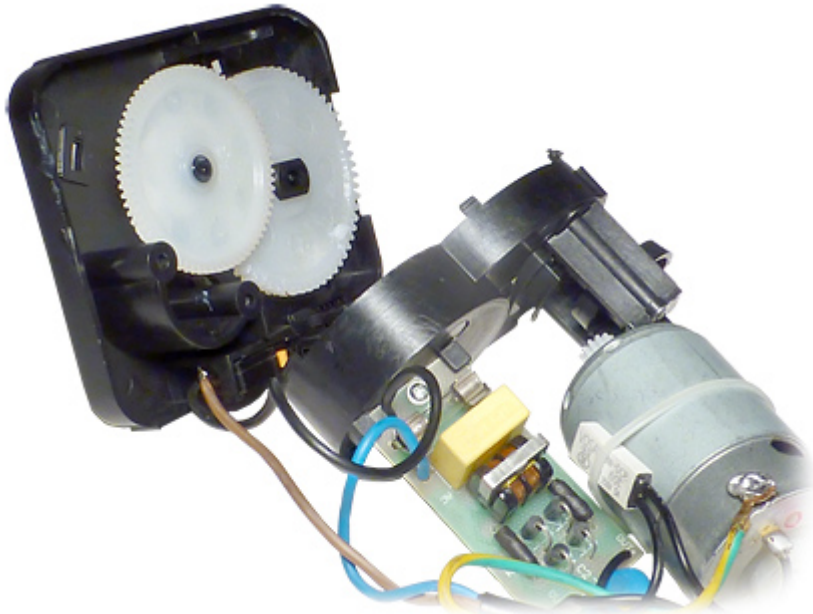
STEP 7

Pry the actuator plate pivots apart and remove the actuator plate.



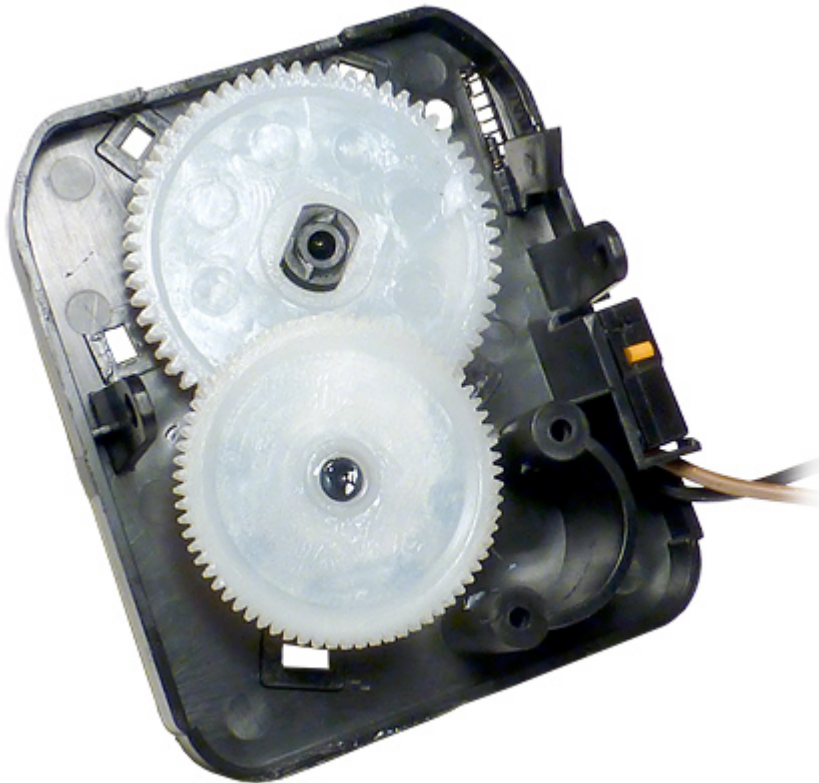
STEP 8

Motor released and the backplate removed.



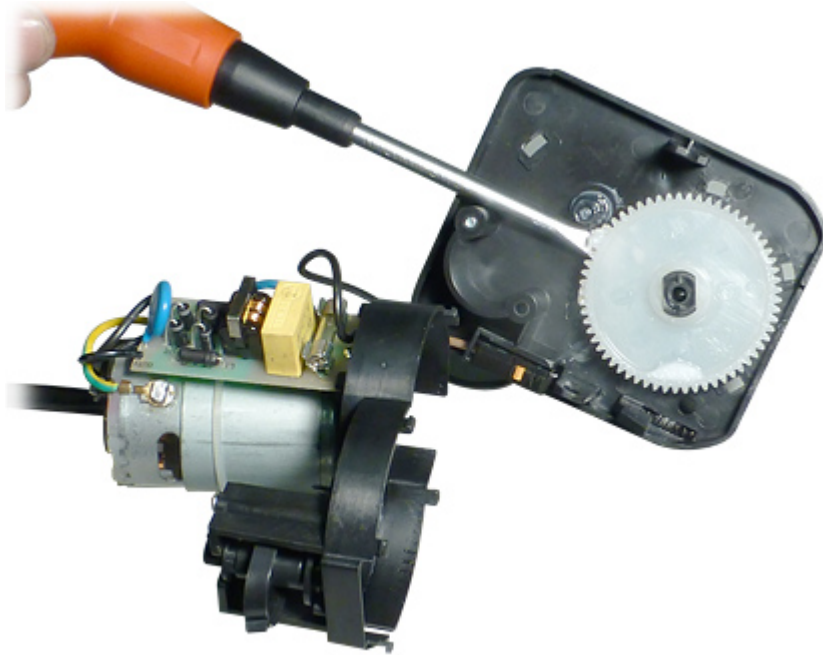
STEP 9

Remove the smaller of the two gears. It may be greasy so have a paper towel handy.



STEP 10

Use a flat-bladed screwdriver to lever the main gear off the sharpener blade shaft. This will release the blade so that it can be replaced.



STEP 11

The replacement blade assembly.



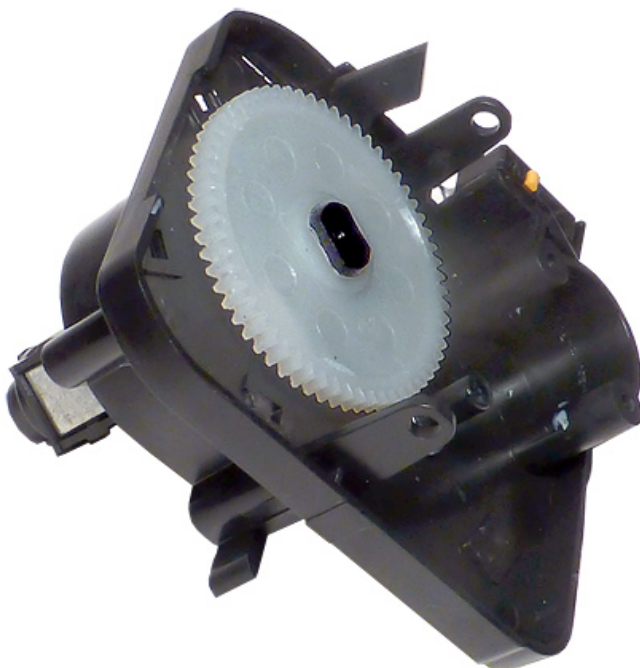
STEP 12

Insert the new blade assembly.



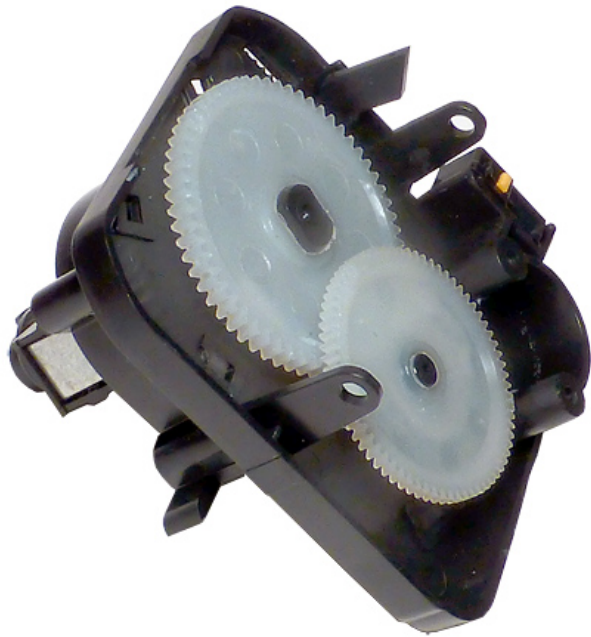
STEP 13

Press the main gear onto the blade shaft.



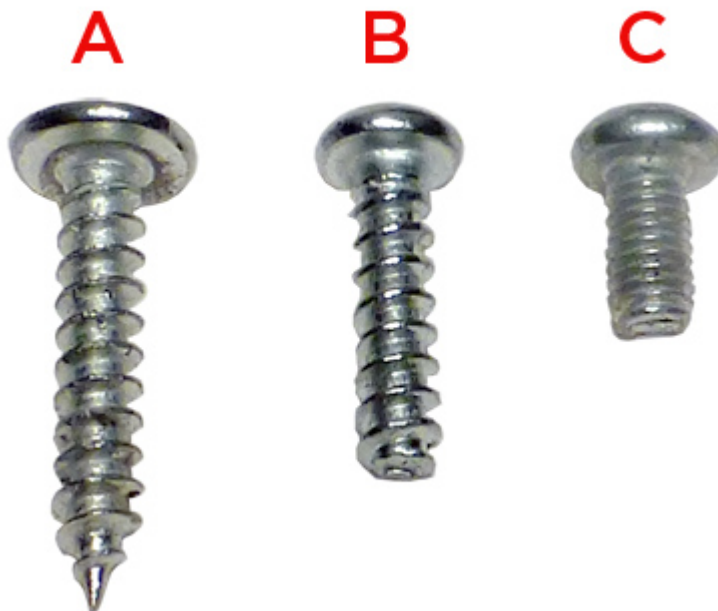
STEP 14

Replace the smaller gear, ensuring that it meshes with the main gear.



STEP 15

Identification of screws...



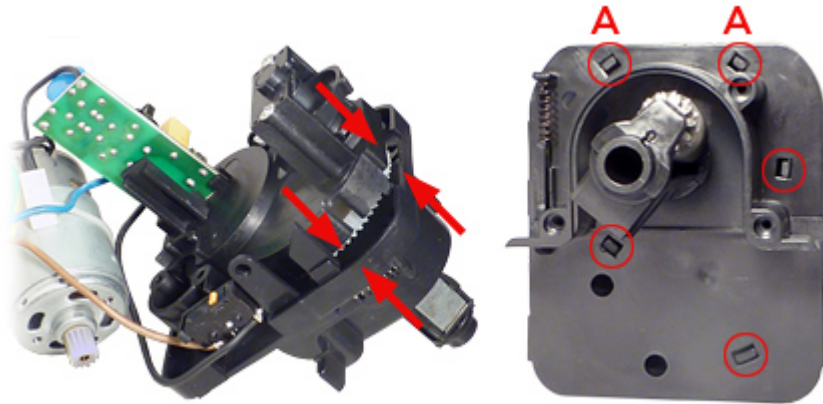
A = Three long self-tapping screws retain the baseplate

B = Three shorter self-tapping screws retain the pencil sensor sub-assembly

C = Two short machine screws retain the motor

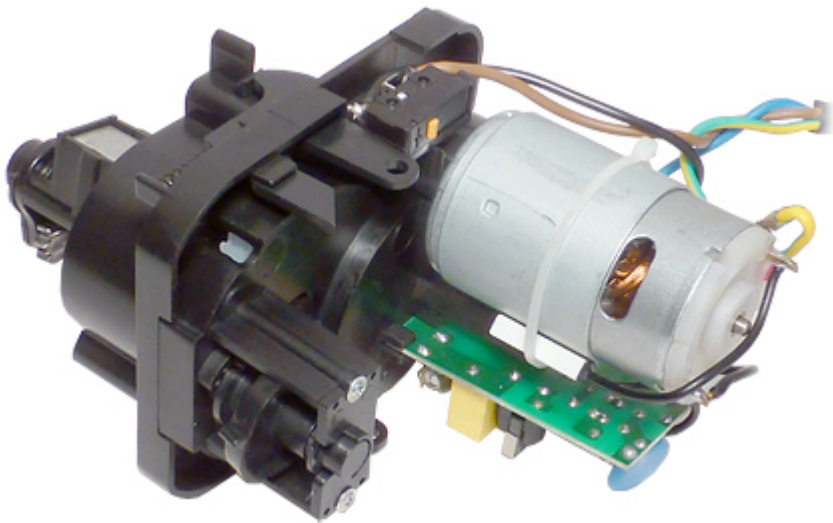
STEP 16

Press the backplate into place, taking care not to bend or distort the clips. We recommend that the top two clips (A) are engaged first. Ensure that all 5 clips are fully engaged before proceeding to the next step.



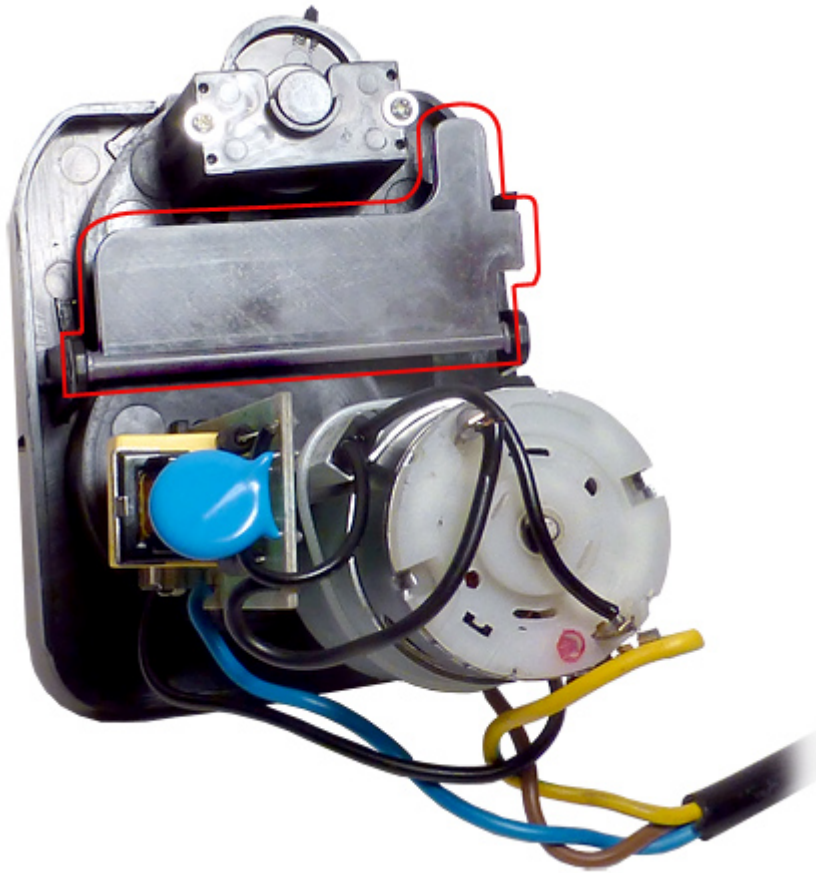
STEP 17

Secure the motor with the two small machine screws. Note that two small lugs on the backplate must engage with slots on the end of the motor.



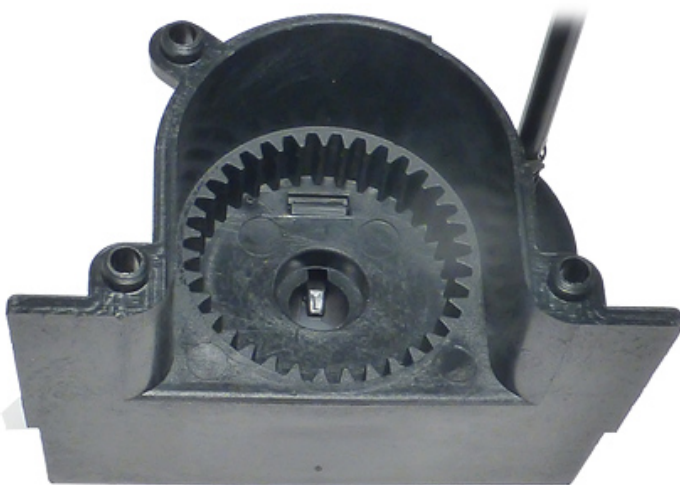
STEP 18

Refit the actuator plate.



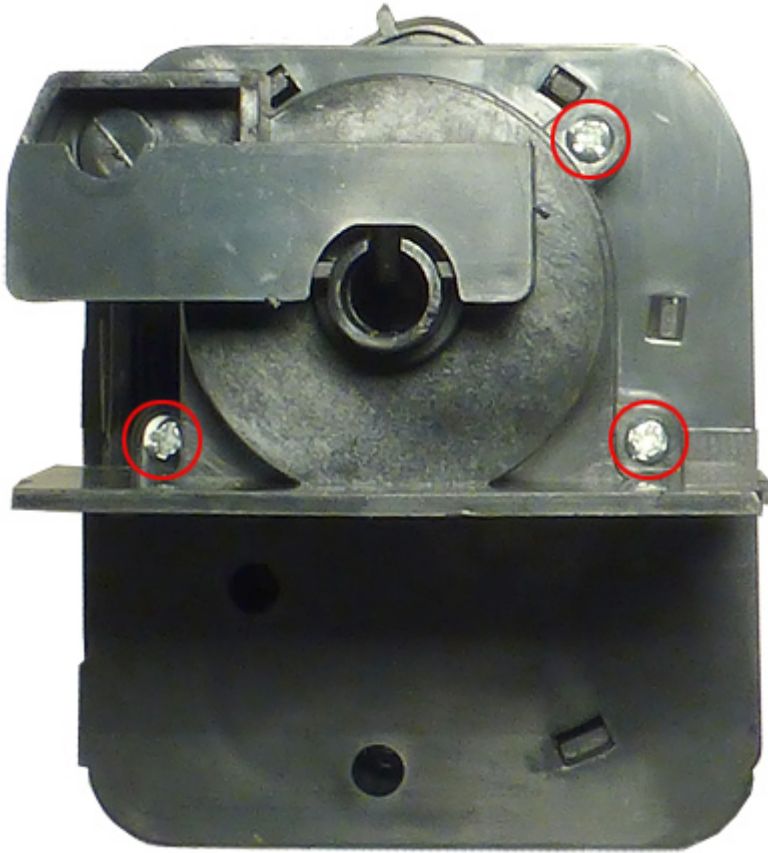
STEP 19

Before refitting the pencil sensor sub-assembly, check that the internal gear track is completely clear of pencil shavings. Serious damage can occur if shavings are allowed to collect in this gear track.



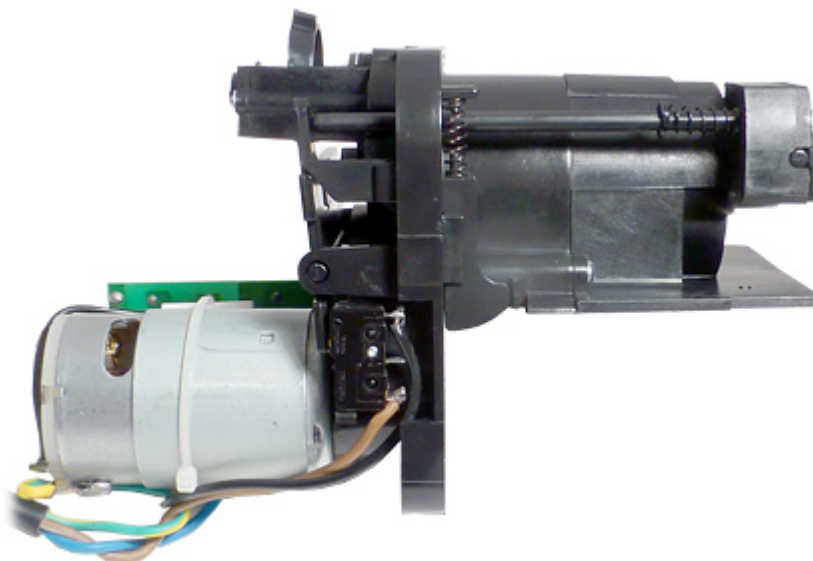
STEP 20

Secure the pencil sensor sub-assembly using the three shorter self-tapping screws.



STEP 21

The re-assembled mechanism, ready to install.



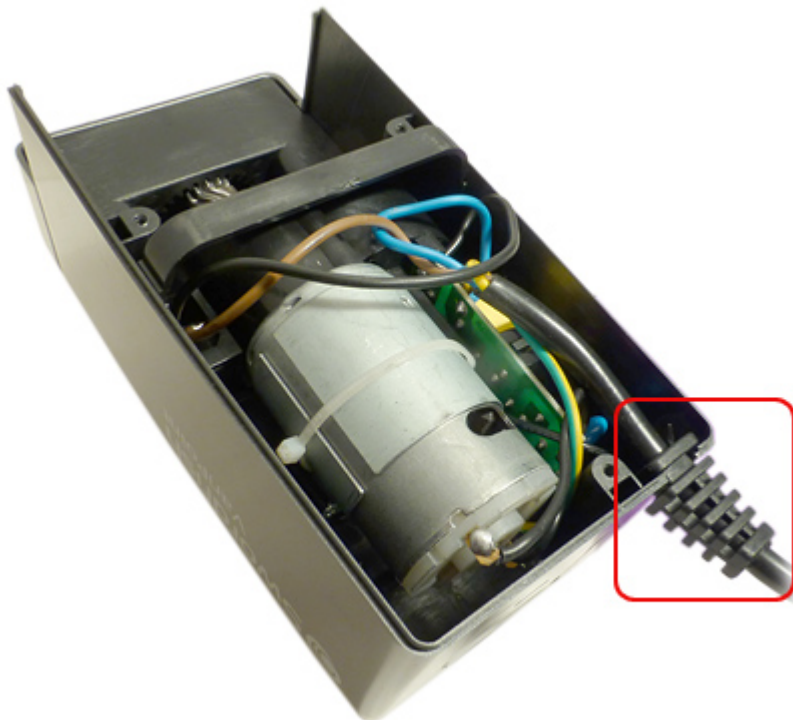
STEP 22

Note that there are raised ribs inside the casing. These ribs will locate the mechanism in the correct position.



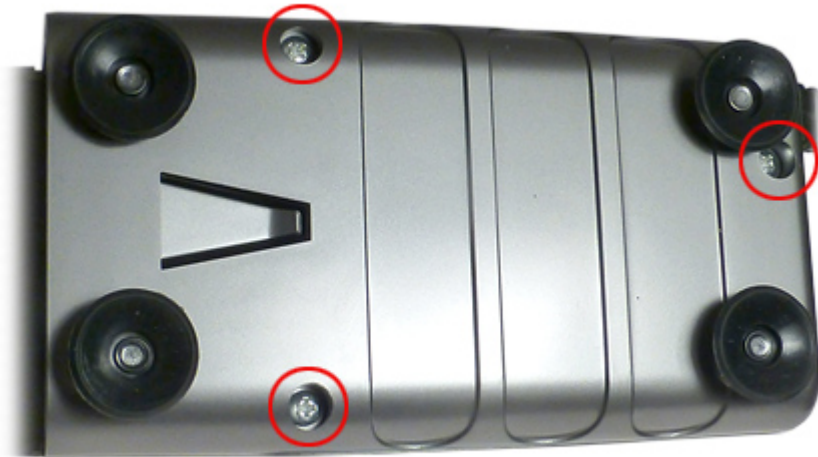
STEP 23

The mechanism correctly installed. The cable protector must be fitted as shown - this is an important safety device.



STEP 24

Refit the baseplate using the three remaining screws, taking care not to trap any of the wires between the baseplate and the casing.



STEP 25

Your Swordfish VariPoint is now ready for use..

