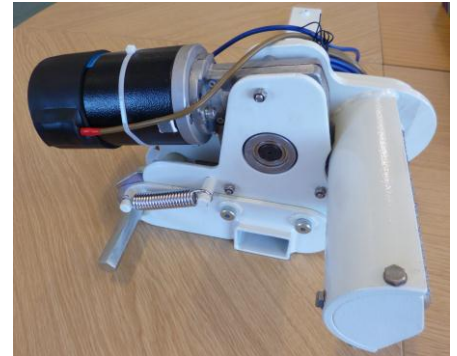
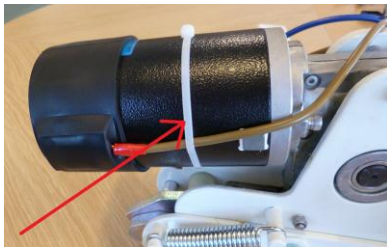


## MODELS 1/2/3/4/5/6/7/CLASSIC

### REPLACING MOTOR BRUSHES



1) Remove the cable tie securing the cables to the main motor body.

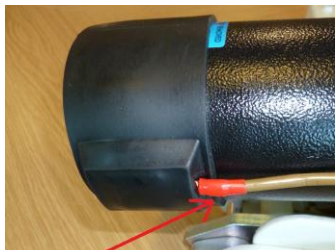


**Cable Tie. (Arrowed)**

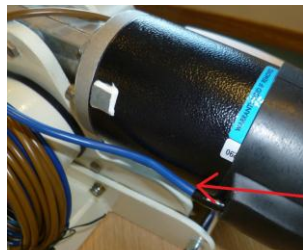


**Cable Tie removed. (From above)**

2) Remove the Positive and Negative cables from the terminals on the rear of the motor, by gently pulling the spade connector rather than the cable. (Make a note of the position of the cables.)



**Positive Cable. (Arrowed)**

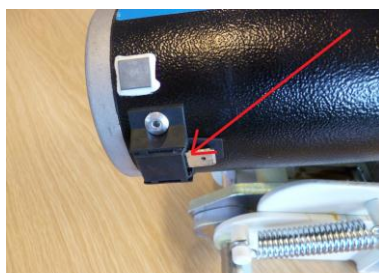


**Negative Cable. (Arrowed)**



**Cables removed. (From above)**

3) Slide the rubber boot off the end of the motor. This will expose the motor brush terminals. (As shown below.)



**Brush Terminal. (Arrowed)**

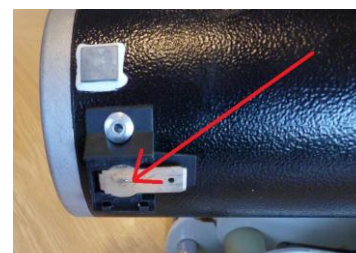
4) Slide the square plastic brush cover forwards to expose the motor brush itself.



Brush cover. (Arrowed)



Slide cover forward. (Arrowed)



Brush exposed. (Arrowed)

5) Working with one brush at a time, gently pull on the terminal and carefully pull out the brush. (Note the orientation of the brush.)



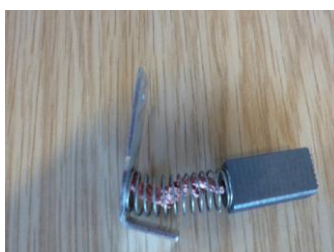
Pull brush gently. (Arrowed)

**NB. The brush must be placed back in the same orientation and in the same holder it came out of.**

6) Carefully check the condition of the brush, spring, wire and brush holder. If necessary any residue can be removed with a blast of compressed air.



Brush holder. (Arrowed)



Motor Brush.

7) Replace the brush and reassemble in the reverse order from above. Repeat the above steps for each motor brush.