
Townsend Rock

DC motor fitting instructions





Remove bottom motor cover by unscrewing allen bolts in side of plinth.

Unbolt 2 screws on topside either side of motor to remove motor retainer.

Remove mains wiring.

Squeeze cable clip on the inside with a pair of pliers and push outwards to remove the mains cable.

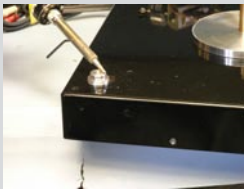
cut motor wires.

REMOVE PULLEY

The pulley is either glued on or press fitted.

To remove it heat the pulley with a soldering iron and plenty of solder. Immediately tap the motor spindle downwards as shown in photo using an M3 bolt or old 3mm drill bit.

The old motor will fall off.



FIT NEW MOTOR

You will only need to hold the motor using one machine screw.

Use motor plate as a template to mark and drill one 3mm diameter hole in position shown.

Fit the motor using a philips screw with an o ring under the head - the motor should have sufficient friction to maintain it's position. If it doesn't then drill another hole for a 2nd bolt fastening.

MANUFACTURERS NOTE - board must run at approx 2.2 V on DC200 - (2 Ultra fast diodes will suffice).

