

## Electric Brake Mounting Procedure.

The following procedure must be used to mount electric brake to Preslite motors .

**Required Tools** Two sets of feeler gauges, 1 only 2mm Allen key, 1 only 3mm Allen key.

1. Insert brake into correct position as shown. Orientation not important at this stage. (Fig 1)



Fig 1



Fig 2

2. Place both feeler gauges as shown and set gap at 0.8mm between brake and motor end cap. Gap tolerance should be between 0.7mm to 1.00mm. (Fig 2)
3. Insert hex drive nut and line up one of the grub screws 90 deg to flat on motor shaft. Tighten grub screw on flat first then tighten second grub screw diagonally opposite flat. While tightening grub screws (Fig 2) ensure hex drive nut has bottomed out on floating brake plate as shown while feeler gauges are still in place. (Fig 1)

### **Important.**

Brake must not be energised while doing any of these procedures.

Brake may be energised with 24 volt power supply for ease of locating brake drive nut on disk before assembly procedure.

4. Remove feeler gauges and then insert brake locating screws. (2 only 4mm x 12 Allen head screws). Brake unit will need to be aligned for screw hole location by twisting clock or anti-clock wise. (Fig 3)



Fig 3