

2nd January 1997

BULLETIN#139

## HULFTEGGER PULL GUN MAXON MOTOR BRUSH CHANGEOVER

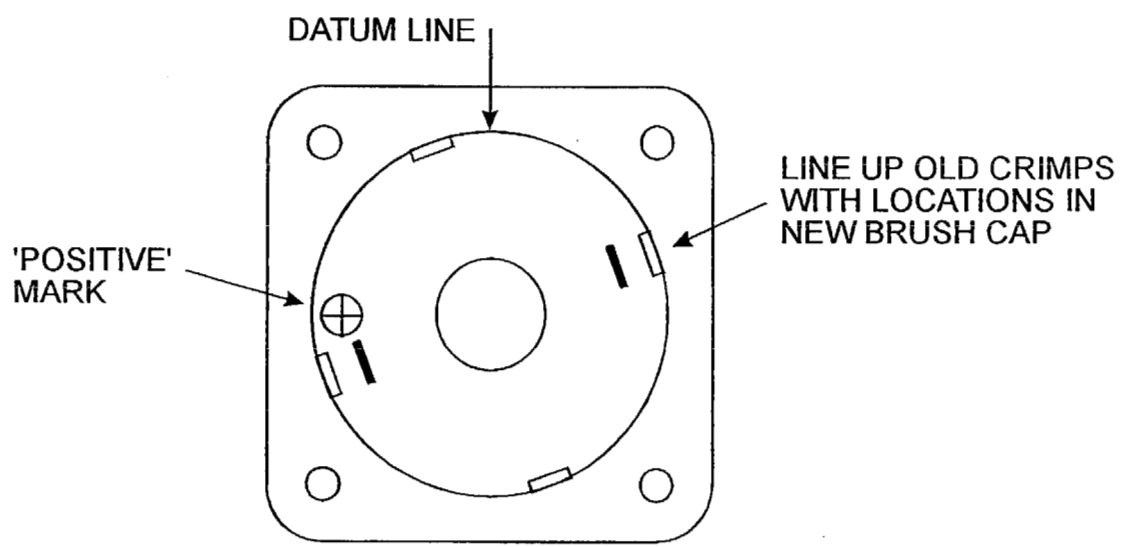
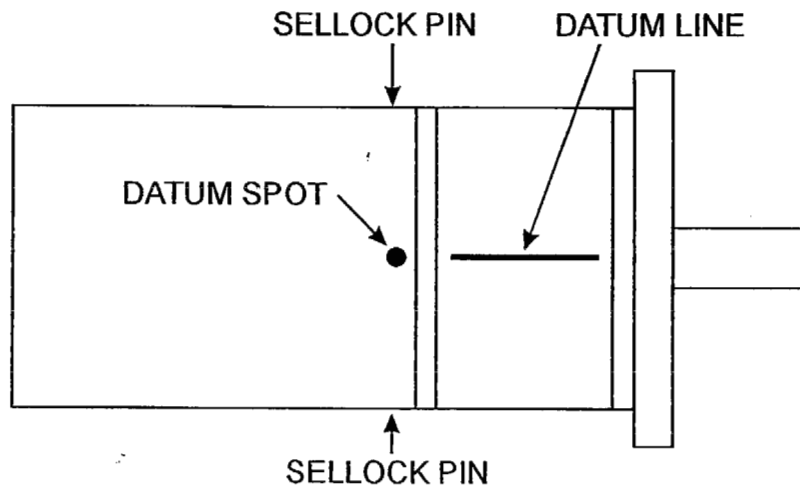
A MAXON motor, part no. HT300-460/m has been in the WIA inventory for approximately two years and has been supplied as an alternative to the original Hulftegger motor. The MAXON motors have performed well in the field, but are now beginning to exhibit worn or broken brushes.

While not a quick or easy task, the brushes can be replaced. Brushes Part No. HT300-460/1 are now in stock, two per motor are required.

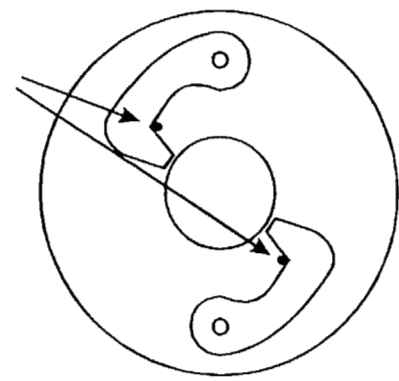
To gain access to the brushes, the motor end cap must be removed. A miniature milling cutter (Dremmel, or Arlec 'Super Tool') should be used to remove the crimp in the motor body which retains the end cap. Reassembly directions are shown on the attached page.

  
Gary Cheesman  
EQUIPMENT PRODUCT MANAGER

QUALITY PRODUCTS, SYSTEMS AND SERVICES



HOLD BRUSHES IN OPEN POSITION WITH A SMALL PIECES OF WIRE WHILE FITTING END CAP TO MOTOR BODY. WIRES FIT THROUGH HOLES IN PLASTIC END CAP



**FITTING NEW BRUSH END CAP TO MAXON MOTORS.**

Motors run at 260 - 300rpm with 24vdc applied.