

Ellard Report - T200



Handing procedure for JM500 1ph PCB model drive.



Photograph one

Remove the brake activation bolt and lay aside.

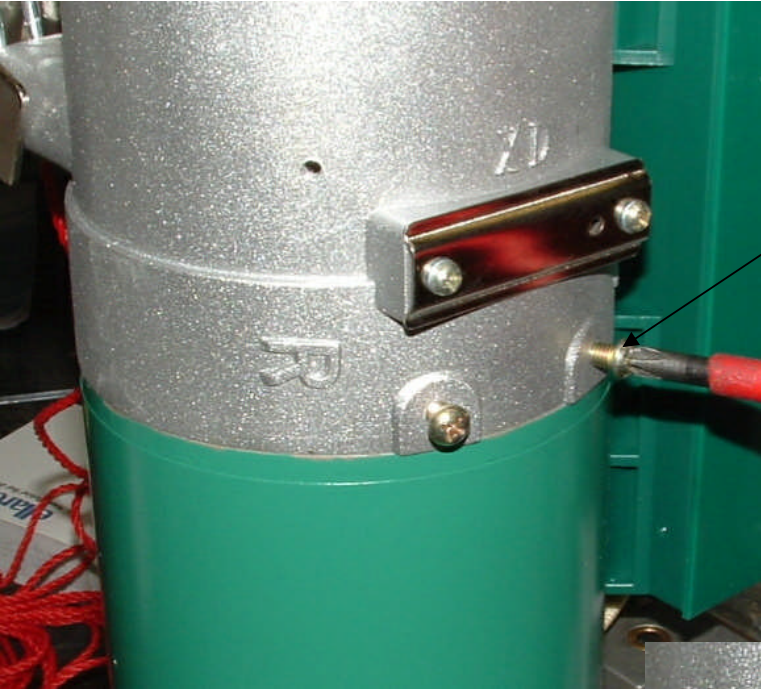
Brake activation screw.

Photograph two

View showing the brake activation screw removed.

Tapped location hole for brake activation screw.





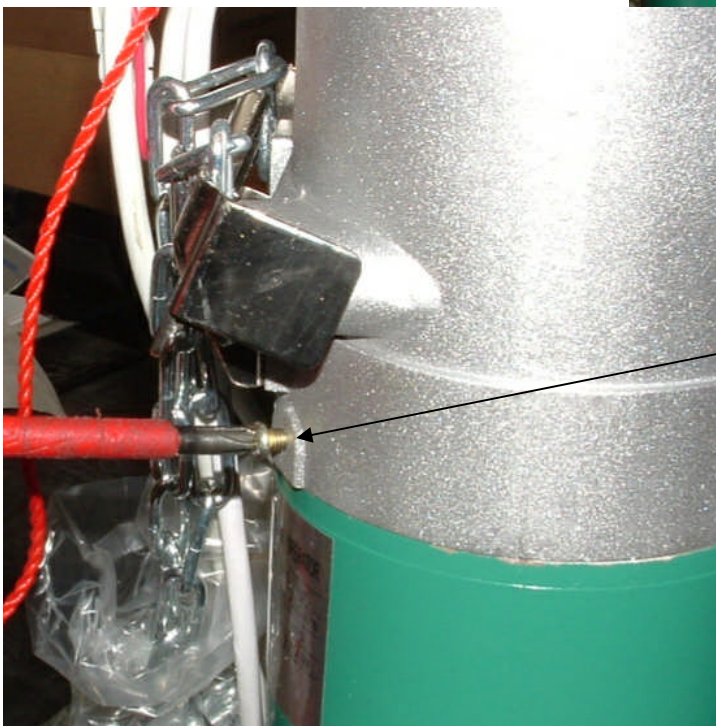
Photograph three

Remove the brake unit retaining screws and lay aside.

(Note - these screws locate in a groove around the motor body.)

Photograph four

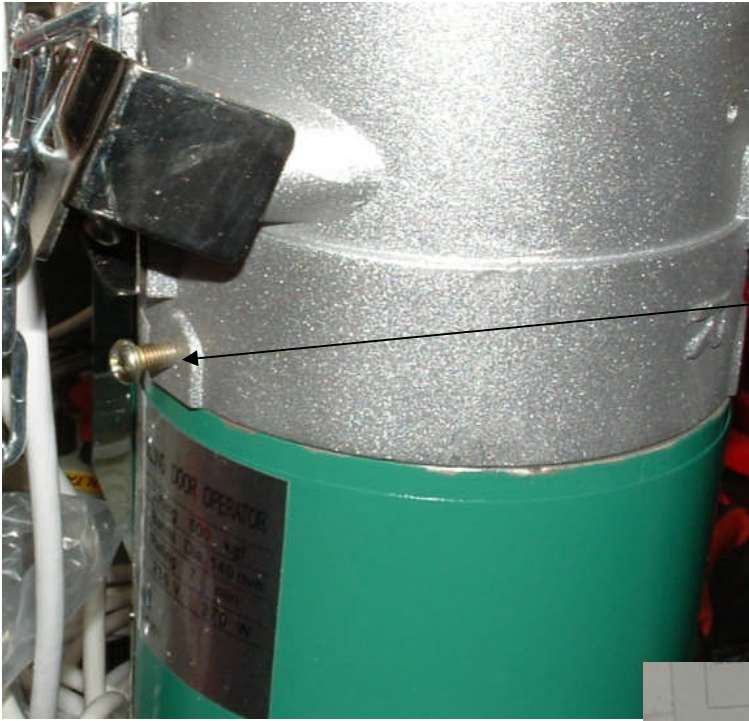
View showing the retaining screws removed from brake unit.



Photograph five

Slacken the remaining two retaining screws.

(Note - these screws do not need to be removed.)

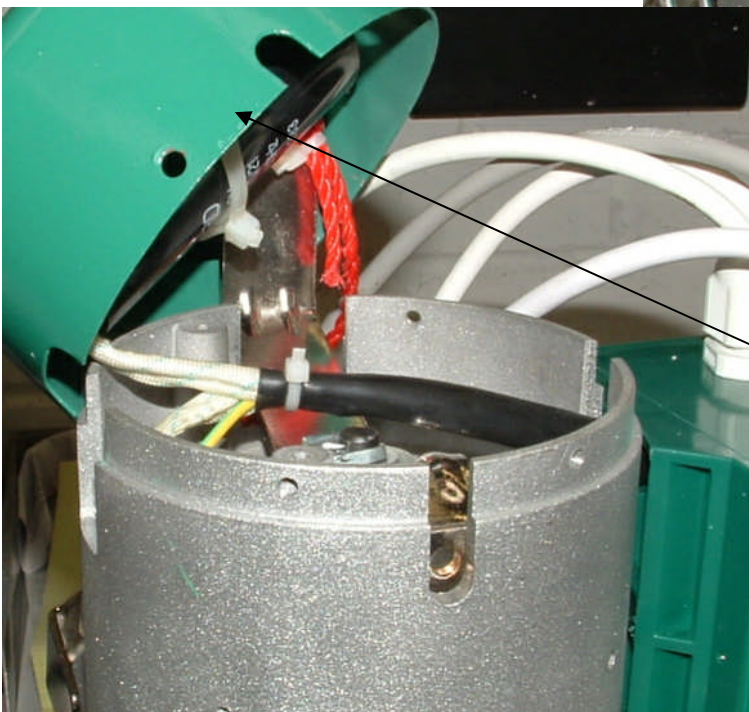


Photograph six

View showing the remaining two retaining screws slacked.

Photograph seven

Remove the four end cap retaining screws and lay aside.



Photograph eight

Lift aside the end cap.



Photograph nine

Carefully lift the cable from the slot in the brake housing and place on the diecast rim.

Note - if the cable is too short, gently pull sufficient from the starter to allow it to clear the rim.

Photograph ten

Rotate the brake housing through 180°



Photograph eleven

Reposition the end cap and replace the retaining screws.



Photograph twelve

Tighten the four end cap retaining screws.



Photograph thirteen

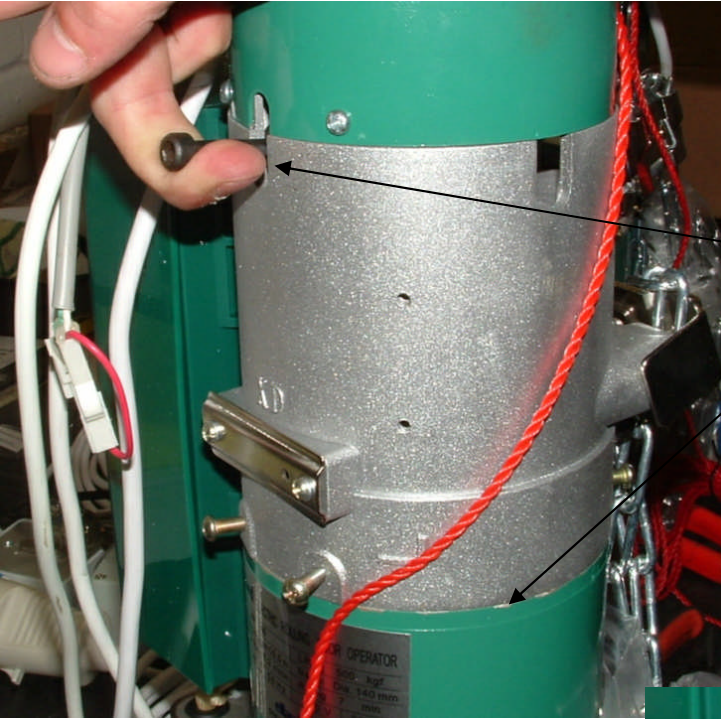
Replace the brake activation screw.



Photograph fourteen

Replace the brake housing retaining screws, ensuring that they locate in the groove.

ELECTRIC ROLLING DOOR OPERATOR		
Lifting	50	kgf
Barrel	140	mm
Rating		min
230 V		370 W

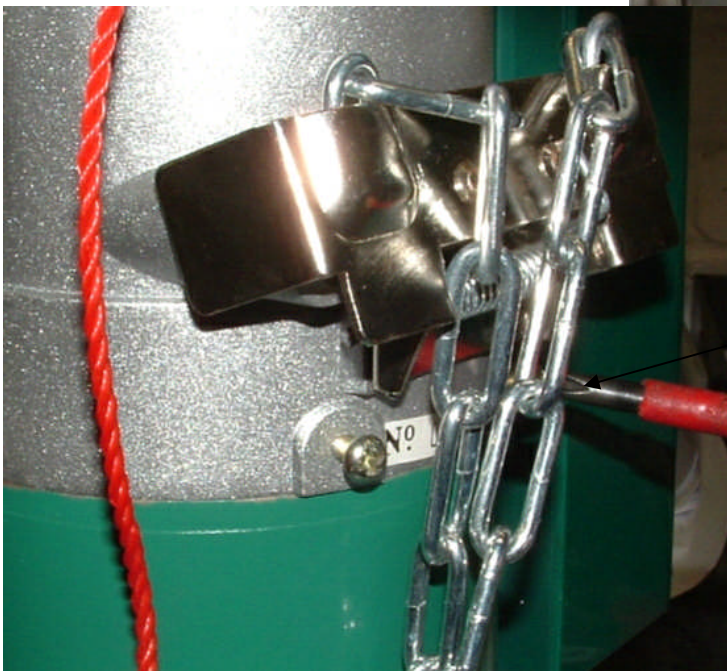


Photograph fifteen

Lift the brake release screw and press down on the housing to ensure that there is no gap between the motor body and brake unit.

Photograph sixteen

Tighten the brake unit retaining screws



Photograph seventeen

Tighten the two remaining brake unit retaining screws.

Comments

- On completion of this sequence, the handing of the unit has been reversed.
- Lift the brake release screw (as shown in “**photograph fifteen**”) and manually rotate the sprocket on the gearbox output shaft to ensure that the brake is releasing correctly.
- The handing sequence from Right Hand to Left Hand and vice versa is exactly the same procedure.

A handwritten signature in black ink, appearing to be 'Ron Swift', with a long horizontal stroke extending to the left.

Prepared by Ron Swift
Date 17th July 2008