F3C FRAME TRACK ASSEMBLY

Peter

(READ IN CONJUNCTION WITH DRAWING NO 90.02.003 SHEET 2)

PROCEDURE FOR REPLACING CABLE

(A) IF CABLE HAS BROKEN

1. Close the door and wedge firmly in opening.
2. Remove split pin and clevis pin from top of link arm, swing link arm downwards and allow to hang from door bracket.
3. Remove all fixing screws securing frame track assembly.
4. The frame track assembly may now be twisted away from the wall and door. (Care must be taken not to damage the nylon roller).

(B) IF CABLE IS FRAYED BUT NOT BROKEN

1. Fully open the door and securely prop the bottom of the door.
2. Cut the cables as near to top pulley as possible.
3. Remove props and carefully close the door.
4. Continue with steps 1 - 4 above, as for door with broken cable.

(C) TO FIT REPLACEMENT CABLE

1. Complete procedures A and/or B above as required.
2. Using 3/16" dia drill and/or cold chisel, remove the 'pop' rivets, securing the spring cover plate (Item 23 on drawing). Remove the spring cover plate from the frame track assembly.
3. Remove all pieces of broken cable.
4. To enable the new cable to be fitted, a slot must be cut (use a hacksaw) in the top of the frame track assembly, as shown on the drawing.
5. Fit the new cable in position (see drawing) around the two pulleys. To achieve this it is necessary to first extend the cable by means of a piece of wire or strong cord, (a part of the old cable will do), threaded through the eye of the cable.
6. Hold frame track assembly in a vice (or hold securely by some other means). Pretension the spring by pulling the cable until the clip on the pulley bracket can be hooked over the top of the frame track assembly as shown on the drawing. Some assistance may be required to do this.
7. Refit and re-rivet spring cover plate to frame track assembly.
8. Re-position frame track assembly to wall/door and replace all fixings.
9. Re-position top of link arm and secure with clevis pin and split pin.
10. Fit cable eye over roller spindle hook. Ensuring that the cable is running correctly in pulley wheel grooves. Pull the cable in direction indicated by fig 1, sheet 2, to take up the slack. A further tug will release the spring from its pre-tensioned position. Allow the cable to return slowly to it's position behind the link arm. Remove all wedges. The door is now ready to operate.

(D) PROCEDURE FOR REPLACING SPRING AND COMPENSATING ATTACHMENT ASSEMBLY

1. Complete procedures A and/or B above as required complete steps 1 - 3 procedure C above.
2. Remove lower spring anchor pin (item 14 on drawing).
3. Remove old/broken spring and compensating attachment assembly.
4. Replace new spring and compensating attachment assembly into frame track assembly and fix bottom end of spring with replacement spring anchor pin. (Alternatively a long bolt and nut may be used).
5. Carry out steps 4 - 11 procedure C above.