

# **FITTING INSTRUCTIONS**

## **Cone & Cable replacement procedure Birtley & King canopy doors**

These doors have a spring mounted across the door frame header

Amourelle Ref. BIR0010 & KIN0010

## **SAFETY NOTE**

**The overhead spring holds immense force, consequently the job can be dangerous.  
Great care should be taken to follow the instructions carefully.**

**SAFETY GLASSES AND GLOVES SHOULD BE WORN AT ALL TIMES**

**All work is undertaken at your own risk**

**IF IN DOUBT, THIS WORK SHOULD BE CARRIED OUT BY AN EXPERIENCED INSTALLER**

All work is undertaken from inside the garage therefore ensure that all tools required are at hand. You may require assistance with step 1/

1/ Ease the spring tension by rotating the spring axle shaft to allow some slack in the cables then securely clamp the spring shaft to prevent it rotating. (a pair of 'mole' grips will provide a suitable clamp)

2/ Remove the screws at the base of the jamb channels and the screws holding the brackets half way up (if fitted). This allows removal of the cable from the spindle.

3/ Using a pin punch, (King = 3mm dia, Birtley = 4mm dia) carefully drive out the hollow roll-pin from the cone (see note below).

4/ Remove and discard BOTH old cones and hollow roll-pins. Reassemble using BOTH new cones and pins. The replacement cones are colour coded grey left hand and red right hand. Care must be taken to ensure that the cables exit the cones from the top towards the door frame. Re-attach the cables to the spindles taking care to ensure they do not foul the jamb channels or the door arms. Replace the screws in the jamb channels.

5/ Rotate the spring axle shaft to take up the "slack" in the cables taking care to check that the cables run on the top groove of the cones, then carefully remove the shaft 'clamp'

6/ Oil the overhead spring bearings, spring & roller spindles on installation and again at 12 month intervals, open the door & check for correct spring balance, a correctly balanced door should "stay put" when fully open, increase the spring tension if required.

### **Note:**

It is important that support cables are a matched length so we recommend both are replaced as a pair.

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