

## FITTING INSTRUCTIONS for Amourelle Ref. CAR1020

### Replacement Cones & Cables for Cardale "Compact" Canopy Doors

*(these doors have a long spring mounted across the centre of the door at waist-height)*

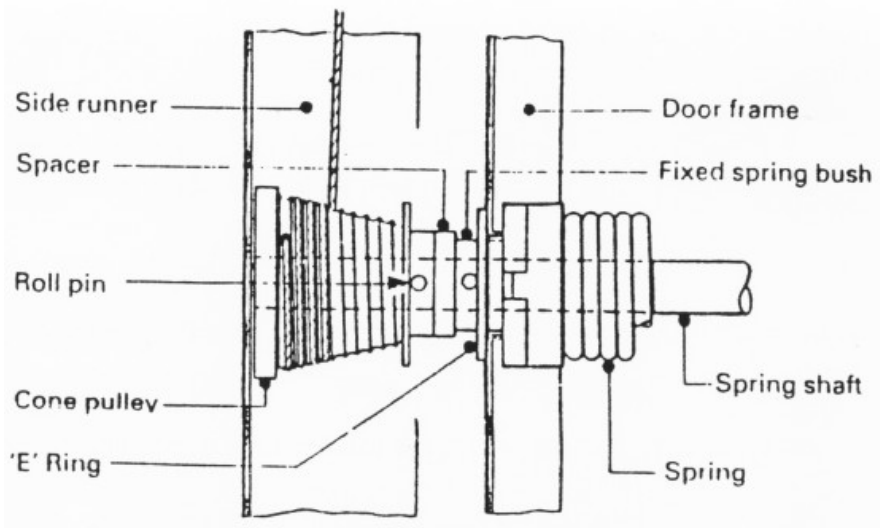
**SAFETY NOTE** The counterbalance spring holds immense force, consequently the job can be dangerous. Great care should be taken to follow the instructions carefully.

**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/ Close the door from the inside and insert a retaining pin through fixed shaft bush and spring shaft.
- 2/ Insert two transit screws in each upper weather strip into the side runners. Remove the door and lean it against a wall.
- 3/ Remove the transit screws and lean side runners against wall.
- 4/ Remove the locking plug from the pivot anchor bracket and take cable end out of the retaining hole.



- 5/ Remove the hollow roll-pin from each cone using a 4mm pin punch. (Our Ref: APL0040) Slide both cones off the spring shaft.
- 6/ The replacement cones are colour coded red right hand and grey left hand. (viewed from inside garage) Fit both new cones ensuring they are fitted as shown in the drawing above using the new hollow roll-pins.
- 7/ Locate end of the cables in the retaining holes in the pivot anchor brackets, ensuring that the cables are on the correct side of the pivot arm and insert locking plugs.
- 8/ Reinsert the four transit screws and re-hang the door. Remove the transit screws and retaining pin checking that the cables run correctly then test the door action.
- 9/ Oil the spring shaft bearings & spring coils 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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**The Garage Door Spares & Automation Specialists**