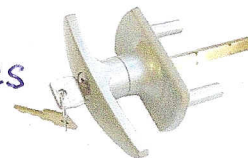




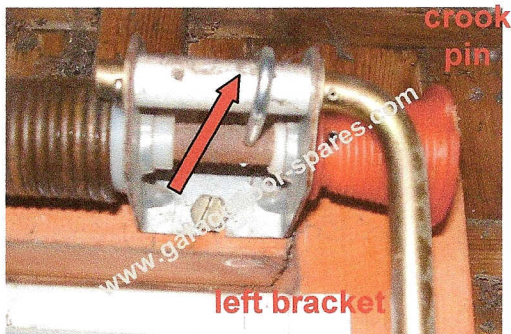
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Fitting Instructions For Henderson Cones & Cables Premier & Pre-Premier Garage Doors



Tools Needed: Tension Kit ,4mm Pin Punch Mole Grips, Screwdrivers,
(wire cutters) Hammer, (13mm Socket ,) Oil

Picture 1



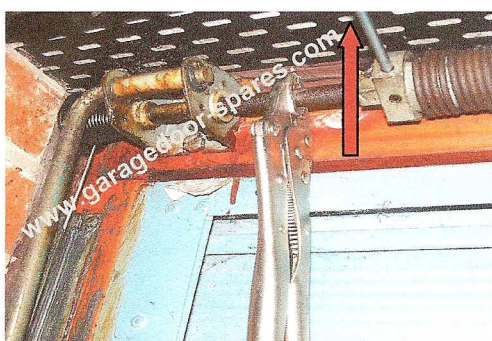
1. The first step is to isolate the tension from the main spring. This is done by putting the crook pin in the isolating hole in the long bar that runs through the cones & main spring!

By doing this it makes the door safe to work on!

Henderson Premier doors have 2 crook pin holes left side & right side. (Pre Premier 1 hole on the right)

Picture 2

Collar & Tension Bar



2. Place a tension kit bar in the collar of the main spring Picture 2

3. Slowly lift upwards, as you lift the tension off the cables look to the left hand side of the left bracket Picture 2

4. When you see the roll pin in the horizontal position, Picture 3 clamp off tightly with mole grips!

5. Knock in the crook pin with a hammer Picture 1 release mole grips, then re-apply for safety, all the tension is now on the crook pin!!



Picture 3
Roll Pin

Picture 4



6. With the **4mm Pin Punch** knock the pins straight out into the wood frame ..out of sight, then take off cone.

On some doors you may have take out the screws from the brackets, lift the bracket clear of any brickwork / walls to pull the cone off!

7. Undo the screw in the bottom chanel tracks to allow you to remove old cables, and replace new cables.

Picture 5



Henderson
Pre Premier
Rollers

Picture 6

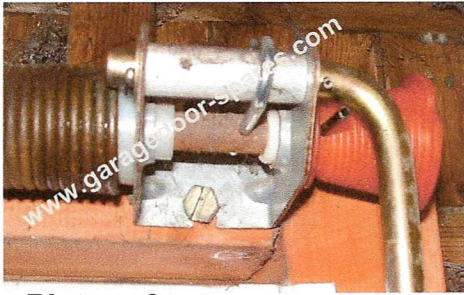


Henderson
Premier Rollers

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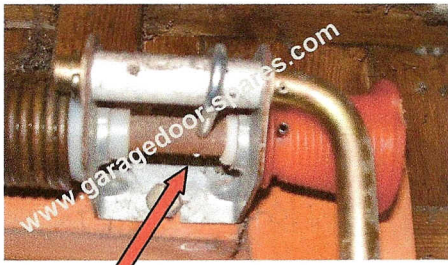
Fitting Instructions For Henderson Cones & Cables

Picture 7



8. Replace the new cones, align the holes in the cones with the hole in the shaft, making sure that the cable exits the cone at (left side 1-2 o'clock) (right side 10-11 o'clock) the cable needs to be heading away from you and down the back of the cone!

Picture 8



9. Knock in the roll pins with the 4mm pin punch, untill 2-3mm stick out on both sides, & attach cables to Roller Spindles

Picture 9



10. Now we release the tension back onto the cables, whilst the mole grips are still attached on the main bar, force out the crook pin with a screwdriver picture 8.

Place tension bar in the collar, release mole grips and wind downwards.

Picture 10



11. Look to your left to make sure the cable is running in the outer most groove on the cone.

Picture 11



If you have problems with the right cable jumping out of its groove then use a screwdriver as in picture 11 to guide the cable into place.

Remember to remove the screwdriver before lifting the door!

Make sure that the cables on both sides are running free of any obstructions, and there is tension back on the cables!

Oil all parts, and then lift the garage door slowly to check everything is working ok.

If you need more tension on the cables then follow the next step,

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Premier & Pre-Premier Garage Doors

Picture 12



Picture 13



How to add more tension to your Cables!

1. Place mole grips on bar **Picture 13**, between the bracket, this prevents the main bar also turning when turning the main spring!
2. Place a tension bar in hole in collar, **Picture 12**, undo the allen screws, now all the tension is on the tension bar!
3. Wind upwards approx 10 -12 turns using 2 tension bars, hold tension bar, tighten allen screws, release mole grips. make sure cables are correct. You may need to add even more turns in some cases.

If tension has been lost altogether run a chalk line along slack spring wind up until you see you can count 25 spirals along the spring, careful not to let tension slip from tension bars..

Tighten allen screws, release tension onto cables, check cables in outer grooves before lifting the door slowly for first time.

Oil every thing WITH A LIGHT OIL, NEVER USE GREASE

SAFETY NOTE

The overhead spring is under a great deal of tension!
Great care should be taken to follow the instructions carefully.
If you have any doubts please consult a qualified person, or
e-mail richard@garagedoor-repairs.co.uk

All work is undertaken at your own risk!

All work is undertaken from inside the garage therefore ensure that all tools required are at hand, you may need two people to make the job easier for you!