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Fitting Instructions for Henderson Roller Spindles Nuts & Circlip Fittings



Similar principle for: Wessex, King, Birtley, Apex, Cardale

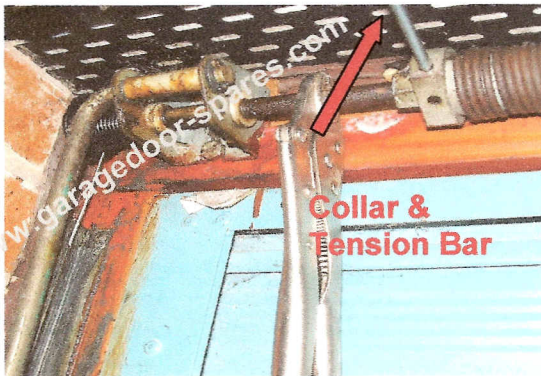
Picture 1 Tools Needed: Tension Kit, Mole Grips, Screwdrivers, Hammer, Adjustable, Oil



1. The first step is to release & isolate the tension from the main spring, this then gives you the slack in the cables to allow you to safely remove the old spindle.

If you are replacing Roller Spindels with nuts the principle is the same!

Picture 2

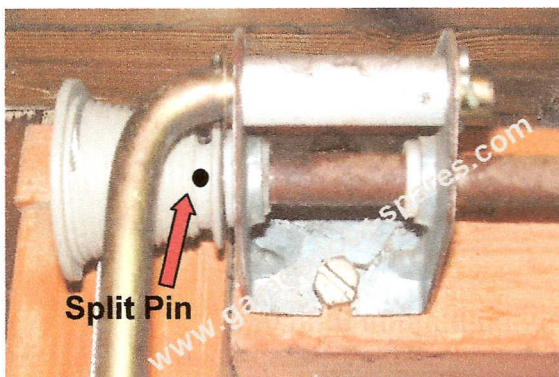


2. Place a tension kit bar in the collar of the main spring (as picture 2)

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

4. When you see the split pin in the horizontal position, clamp off tightly with mole grips! (as picture 3.)

Picture 3



5. If you have the **crook pin** from the tension kit, knock it into the hole as pictured below, if not then, I place another pair of mole grips on the main bar.

I use 2 pairs of mole grips for 2 reasons:

- a. In case the first pair come loose.
- b. if needed you can release the left side to allow you to drag the door inwards to clear any brickwork when removing the old spindles!

SAFETY NOTE

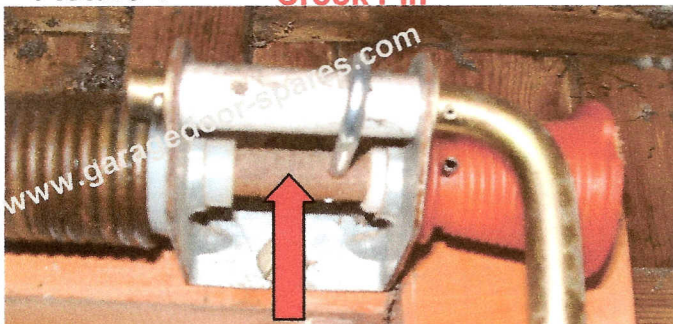
The overhead spring is under a great deal of tension!

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

Picture 4

Crook Pin



Mole Grips clamp on here

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!

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Nuts & Circlip Fittings**

Picture 5



The next few steps replacing the new Roller Spindle.

Picture 6



6. Undo the screw in the track, for nut fixings, if you have circlip fixing as in the picture just unclip, slide inwards then drag the door inwards if necessary to remove old spindle.

Picture 7



7. To allow you to drag the door inwards to clear any brickwork you may have to release the lock catch (**Picture 8**) & release mole grip on the left hand side.

Make sure if you release left hand mole grips that you have second pair on the right side or the Toggle bar is in place!

Picture 8



8. Pull the lock release cable to release the door, to allow the door to be pulled inwards to clear any brickwork!

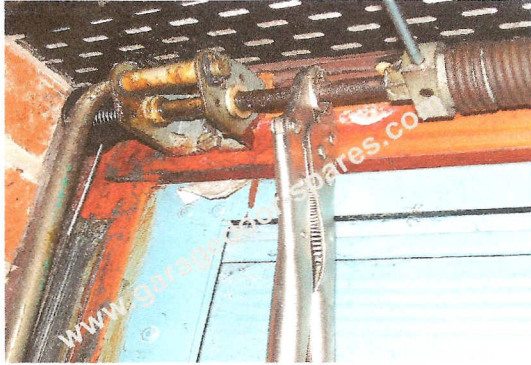
Picture 9



9. Fit the cable to the new Roller Spindle.

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Picture 10



When you have both new Roller Spindles in place the next step is to release the tension back onto the cables! This is the reverse process of Step 2.

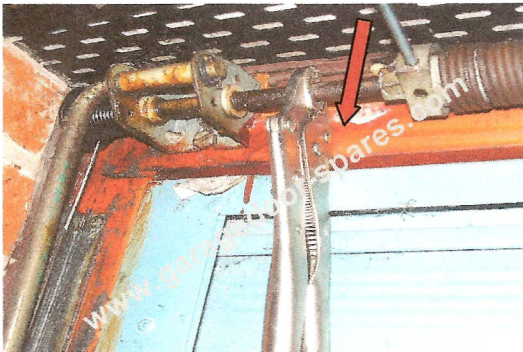
10. Replace mole grips on the bar.

Picture 11



11. Pull out toggle bar if fitted.

Picture 12



12. Release mole grips, whilst holding a tension bar in the collar.
Slowly wind downwards.

Picture 13



13. The Cables should become tight again.
Make sure that the cables are running in the outer most grooves of the Cone!



14. If you have problems with the right hand cable jumping out of its groove, use a screw driver or similar to guide it in, This is if you are working by yourself!!

To add extra tension to your cables see Cones and Cables Fitting Instructions.
NOW OIL ALL MOVING PARTS..NEVER USE GREASE!
Beware the extreme tension in the main spring.
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