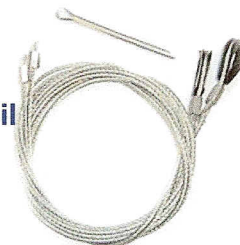


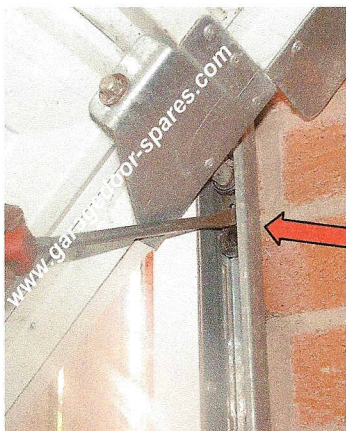
These instructions cover: How to replace cables to a Cardale CD Pro garage door.
It is advised that both cables are changed at the same time, this ensures that the door operates correctly.
By replacing both cables this will also save you time & money in the future!

Tools Need

Screw drivers, Hammer, Mole Grips, 22mm spanner, 4mm Allen Key, Oil



Picture 1



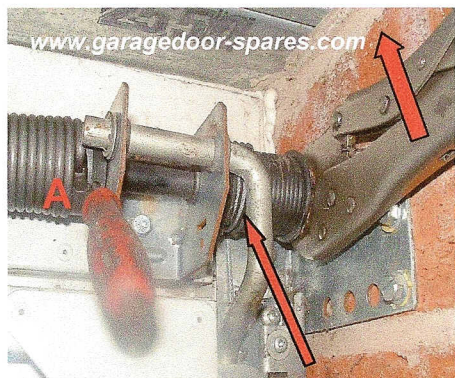
Step 1.

These garage doors are fitted with an Anti - Drop Mechanism, this is designed so if one or even both cables break the door will not land on top of you or your car!

If your garage door is stuck open after the cable breaking, one of the ways to get the door down is to push a screwdriver into the anti drop mechanism to release the locking latch from the holes in the tracks. Picture 1.

At the same time pull the door downwards past a couple of the latch holes, then pull down on the opposite side of the door, repeat the process until the door is all the way down.

Picture 2



Step 2.

The first thing is to isolate the tension from the main spring, this allows you to safely remove the cables.

Place a 22mm spanner on the 22mm plastic nut on the outside edge of the right hand side cone. Picture 2.

Lift the tension upwards, at the same time have the pin which is provided or similar size tool ready, when the split that holds the plastic cone on appears and is at the same angle as Fig A, this should now be lined up to allow you to push in the isolation pin into the hole as Picture 2.

Sometimes the pin is a bit tricky to get in!!

Another way to isolate the tension from the main spring is to lift the tension off the cables and then clamp the tension off with a pair of mole grips.

Picture 3



Picture 4.

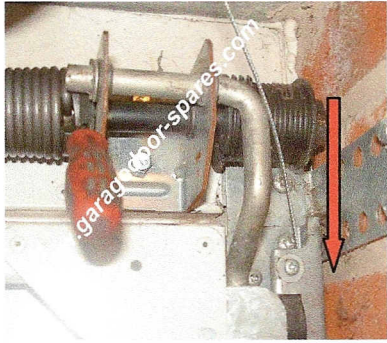


Step 3.

Remove the old cable, the end of the cable is anchored in a hole in the side of the cone as Picture 3.

Remove the other end of the cable from the spindle end, Picture 4.

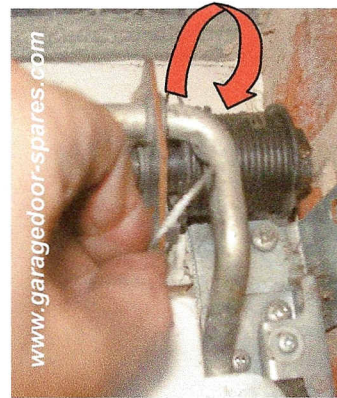
Picture 5



Step 4.

Fitting the new cables, thread one end of the new cable down the track you will see it appear at the anti drop bracket Picture 9.

Picture 6



Step 6.

Thread the nipple end of the cable up the back of the plastic cone around the front, push the nipple end of the cable into the hole in the side of the cone.

Make sure the nipple end is anchored in securely.

Picture 7



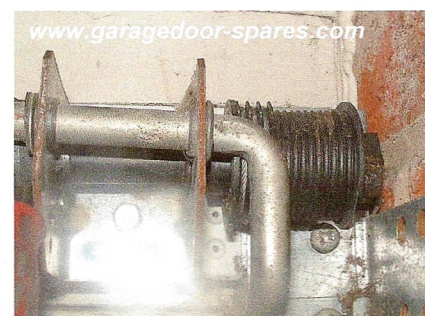
Step 7.

Pull the cable taught, and now begin to wind the cable around the cone three times.

Each time securing into the raised grooves on the cone.

If you pull the cable tight at this point it should stay bedded into the grooves!

Picture 8



Picture 9

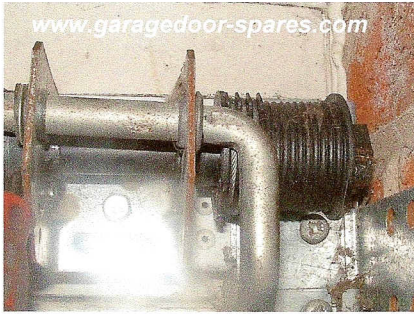


Step 8.

Picture 8. The cable has been secured into the three grooves.

Picture 9. The cable is attached onto the spindle bracket .

Picture 10



Step 9.
Repeat the same process for the opposite side

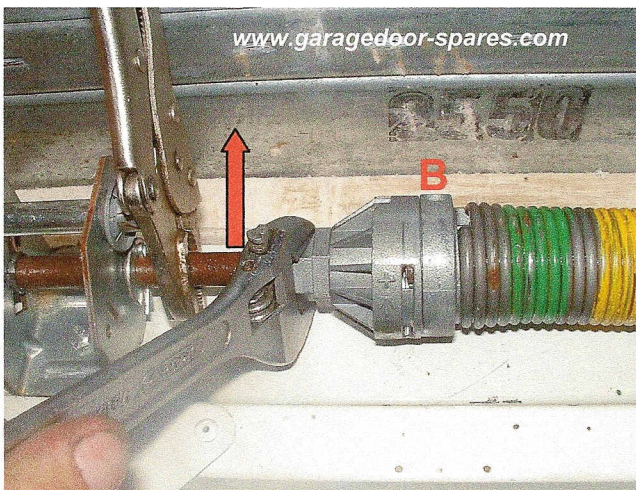
Picture 11



Step 10.
Now you have to put the tension back onto the cables.
Place your spanner on the 22mm plastic nut Picture 11. lift upwards slightly now pull the pin out of **A**.

Slowly let the tension wind back onto the cones, making sure that the cables have not tangled or come out of position!

Picture 12



Step 11.
When you are sure the cables are position and not trapped anywhere, slowly lift up and test the garage door.

If there is lack of tension in the cables, and the door does not rise under its own tension you can easily add a little more tension the the main spring.

To add more tension:

Place a 22mm spanner onto the collar nut Picture12.

Undo the 4mm allen screws in the collar **B**

Wind upwards with the spanner 6 times, tighten the allen screws , & retry the garage door for correct tension.

If still not enough tension repeat above.

These collars are fitted with a ratchet type collar so they do not slip or loose the tension if your spanner slips off!

When adding more tension I always place a pair of mole grips on the bar Picture 12. this stops the bar from also moving, therefore preventing the cables from becoming slack & tangled!

Oil all parts.

Safety Note

**Please read the instructions carefully before you commence any work.
If you have any doubts, please ask a qualified person,
or e-mail richard@garagedoor-repairs.co.uk**

All work is under taken at your own risk!

www.garagedoor-spares.com

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