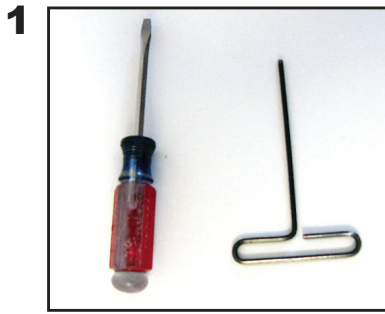
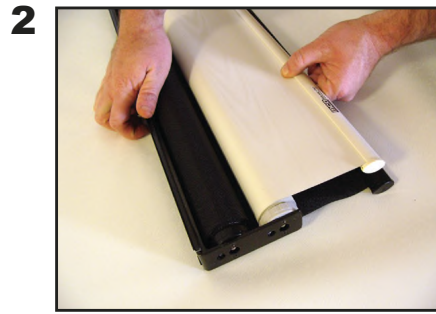




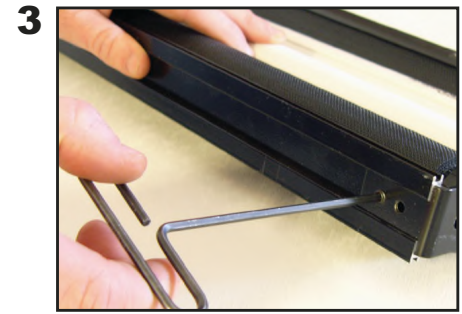
Gen IV Spring Replacement MCD Roller Shades



Pictured are the tools required for replacing the Spring Mechanism. 1/8" allen wrench; #2 slotted screwdriver.



Please pull the shade that is working correctly down a few inches "as if you were covering your window." This will keep your spring tension in the correct place.



Using the 1/8" allen wrench, back the set screw out located on the top of the Roller Shade Assembly. **DO NOT REMOVE!**



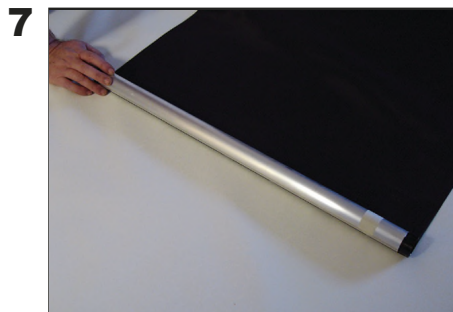
Slide the top of the bracket out of the black aluminum extrusion.



Now it is safe to remove the other bracket along with the black aluminum extrusion.



Place the Roller that you are working on in front you as pictured.



Unroll the shade material fully until you see the aluminum tubing.



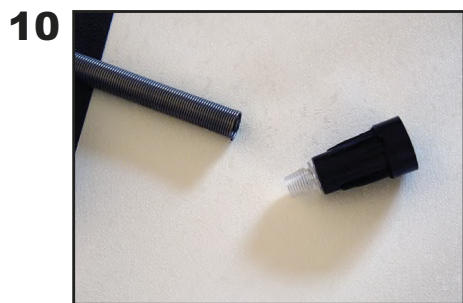
On the right-hand side, carefully pull the material away just enough so that it is no longer attached to the black plastic end.



Using your "slotted" screw driver, locate the slots and carefully pry the spring mechanism out of the tube.



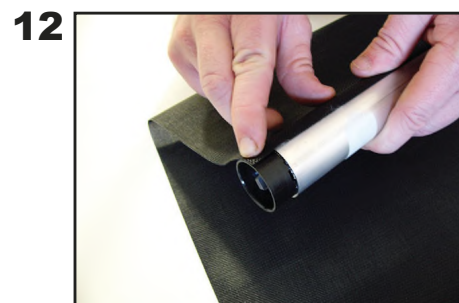
Gen IV Spring Replacement MCD Roller Shades



After removal, if the spring is actually broken, it will look like this. However, if you cannot find a break in the spring's shaft, then replacing the spring might not resolve your issue. If the spring is in fact broken in two, then please follow the next steps.



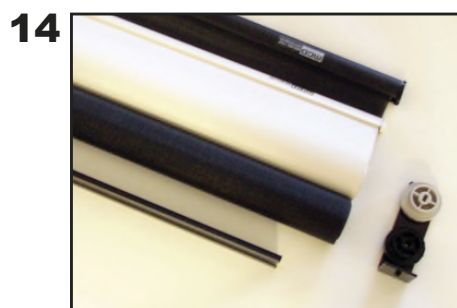
Insert the new spring being careful to align all the notches accordingly with the inner profile of the aluminum tubing. Be sure to press the spring completely in.



Once the spring is in position, firmly press your material back on the roller and carefully roll the material back up.



Reassemble the Roller Shade Assembly, making sure the "tabs" on the ends of the rollers are aligned with the slots in the Adjustment Wheels.



Always remember that all individual rollers are manufactured the exact same way. This means that the "black" Adjustment Wheel will always fit into the Spring Mechanism and the "grey" Adjustment Wheel will always fit into the Auto-Stop.



DO NOT PRESS THE END BRACKETS TOO TIGHT!!! This will create excess pressure against the ends of the rollers not allowing the internal mechanism to work properly.



Leave a distance between 1/16"-1/8" of "play" so that the shade will function properly.



Retighten the set screw snug enough to prevent the bracket from slipping.



To add tension to the "new" Spring Mechanism, turn the black Adjustment Wheel clockwise approximately 13 revolutions. This is a good starting point. You may have to add more tension by turning the Adjustment Wheel the same direction or possibly turn it counter-clockwise to reduce the tension when testing.