

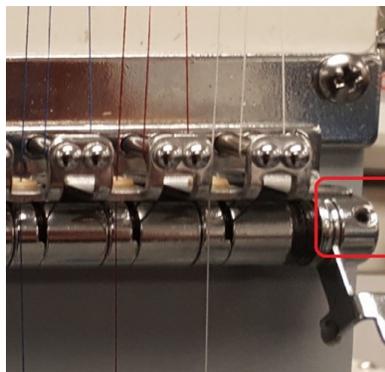
Replacing the Take Up Spring in the Middle Thread Course

For Avancé Embroidery Machine

First, remove the thread from the middle thread course. Then, remove the 2 screws holding the plate on the machine.



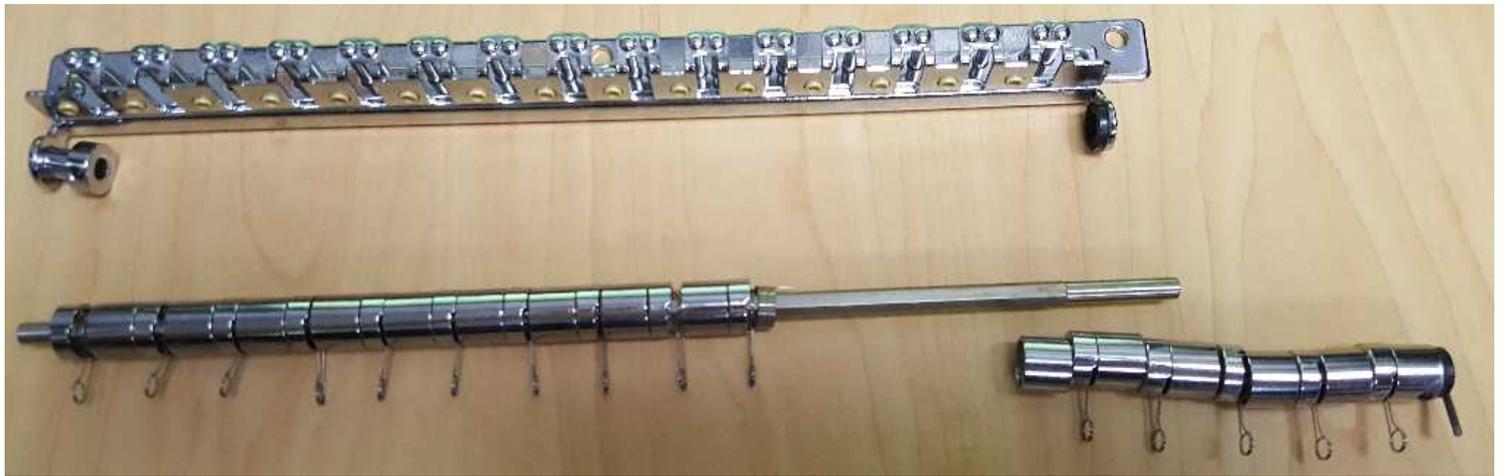
Next, lay the assembly on a flat surface and take a picture so you can put it back together the same way it was. Loosen the Allen screw holding the spring lever to the far right, so that you can remove it and set it to the side. Be careful with the spring holding the lever in place. It will pop the lever out at you and the spring could get lost. Hold the spring lever while loosening the screw, then pull them off together and set aside.



Lay the assembly on the flat surface with all the springs flat against the table. Loosen the two 1.5mm Allen screws on either end, so that you can slide the bar out.



Next, you will want to use a long Allen wrench or long thin screw driver or bar of some sort. When you slide the pieces off the assembly, you want to keep them together as best as possible to make it easier to put back on the assembly. You can grab where the 6th spring is on the assembly and pull it off to the right onto the bar/screw driver/Allen wrench.



Remove the 6th (broken spring) and replace with the new spring in to the thick metal holder as shown below. Making sure to place the end of the spring's coil in to the hole on the metal cylinder.



When putting the assembly back together, be sure to assemble the pieces correctly. The thick metal cylinder has the spring to the left when it is on the bar. The thin metal cylinder has the cut out on it that faces to the right. This is where the spring sits. When placing the pieces back on the assembly bar, you will notice it has 6 sides, as does the metal pieces that slide on to the bar. Make sure they are slide on so that the springs are in the same position as the other needles 7 thru 15. All of the slots on the metal pieces where the spring sits have to be the same. Laying the assembly flat and all springs laying flush with the table will make it easier to line the pieces up so that they are the same. You can look at the other needles.



Once you have all the pieces and springs back in to place, place the holder on the left side as shown below and slide the bar assembly in on the right side. Then, line up the bar on the left and slide in to position.



Push the bar on the left to the right until the 2 rubber washers are pushed against each other and hold in place while you tighten down the two Allen screws. Then, place the spring back on and spring lever on the far right, pushing it snugly to the left and tighten down the Allen set screw. With the springs in the down position, your spring lever should be facing down as well.



Make sure you can move the take up lever all the way up and all the way down before putting the assembly back on the machine. If all good, put back on the machine and thread everything back up. If it doesn't move all the up like it did, you will need to loosen the set screws and adjust the spring lever.

For additional support, please contact support@coldesi.com or open a ticket at <https://support.coldesi.com/open-a-ticket/>.