

WARNING: THESE INSTRUCTIONS APPLY ONLY TO MODELS FAL7, FAL8 AND FAL9

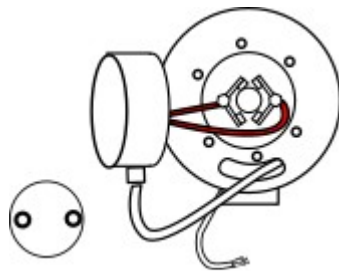
Dismatle Steps



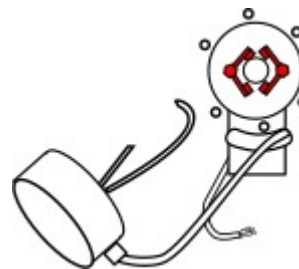
1- remove pot lock nuts, remove flanges that hold the cable to the wing, loosen pot cable glands.



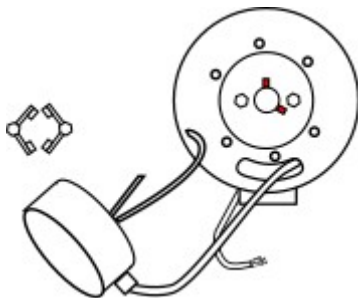
2- remove pot while inserting wire into pot. Remove the nuts that fix the centring device of the manifold. Remove the centering device from the slipping.



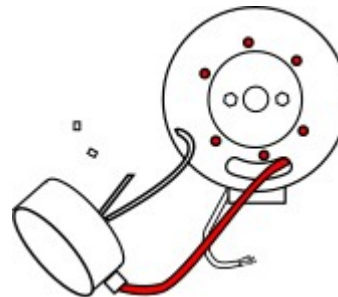
3- Disconnect wires from brushes.



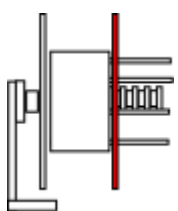
4- Loosen the fixing nuts of the brushes and remove the brushes by sliding them outwards.



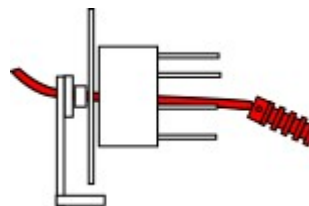
5- Loosen the allen pins that fix the collecting column to the shaft.



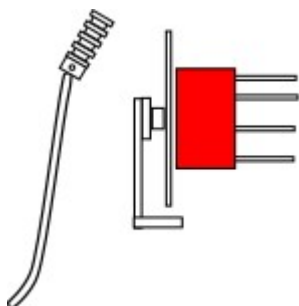
6- Remove the cable from the reel without turning the reel. Loosen the nuts that secure the outer wing of the reel.



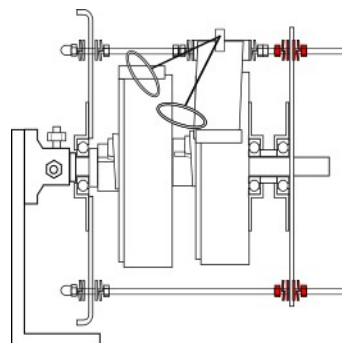
7- Remove the outer wing of the reel



8- Remove the manifold with the tail wire in one piece. (check the tightness of the shaft clamp)



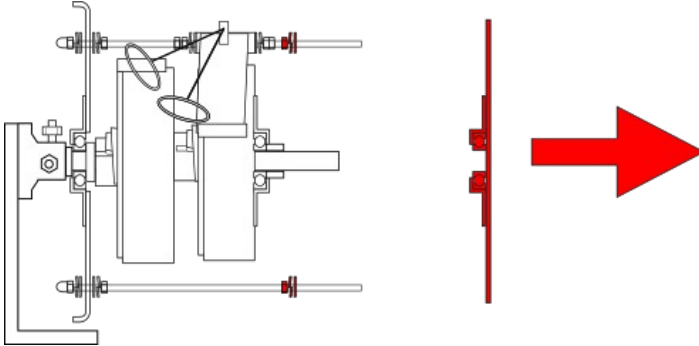
9-remove the tape tube that supports the coiled cable.



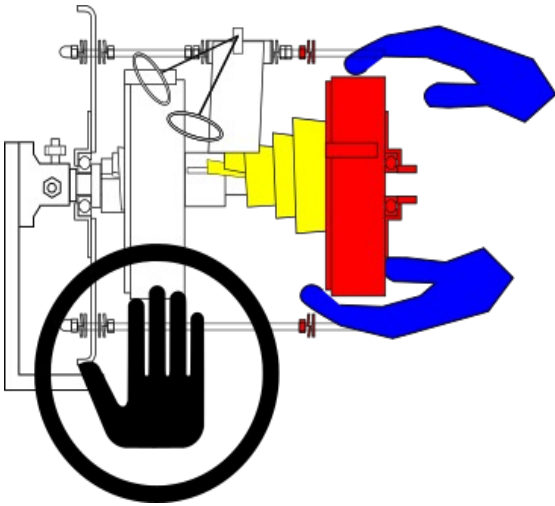
10-Remove the nuts that secure the support disc. **ATTENTION. WHEN SOFTLY RELEASING THESE NUTS, BEFORE REMOVING THEM COMPLETELY, CHECK THAT THE SPRING AND ITS CONTAINER DO NOT MAKE AXIAL FORCE (IF IT DOES MAKE AXIAL FORCE, SEE ANNEX 1.**

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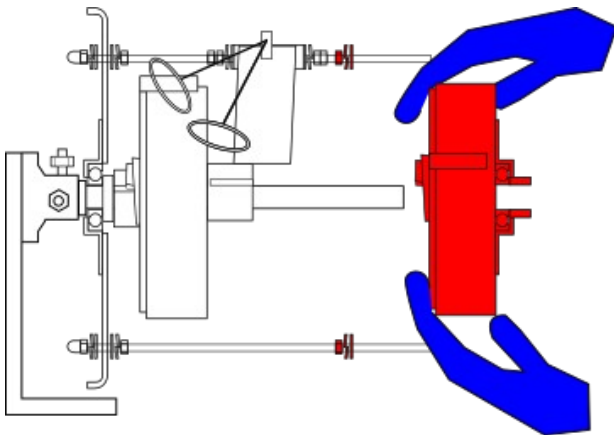
DANGEROUS Steps



11- Remove the support disc. IF THE SPRING IS PRESSING ALONG WITH THE MOVEMENT, SEE APPENDIX 1.



12/A- USE SAFETY GLOVES IN THIS OPERATION. WHEN STRETCHING THE SPRING WITH YOUR CONTAINER YOU MUST NOT HOLD IT SO THAT THE SPRING CAN ESCAPE



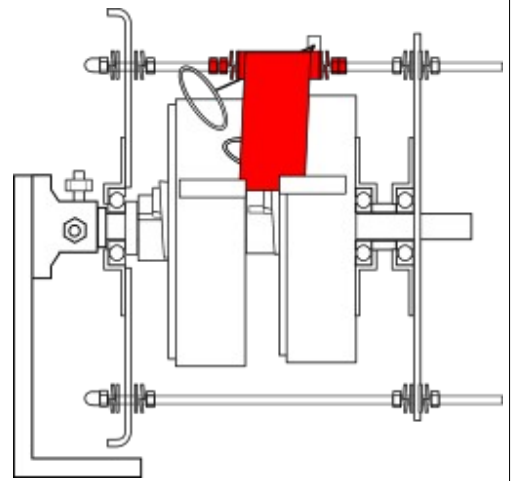
12/B- USE SAFETY GLOVES IN THIS OPERATION. HOLD THE SPRING AND THE SPRING-CONTAINER WITH BOTH HANDS, PRESSING THE SPRING AGAINST THE CONTAINER WITH YOUR FINGERS TO PREVENT THE SPRING FROM ESCAPING FROM THE CONTAINER. If the spring is stuck, see appendix 2

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FAULT DIAGNOSIS

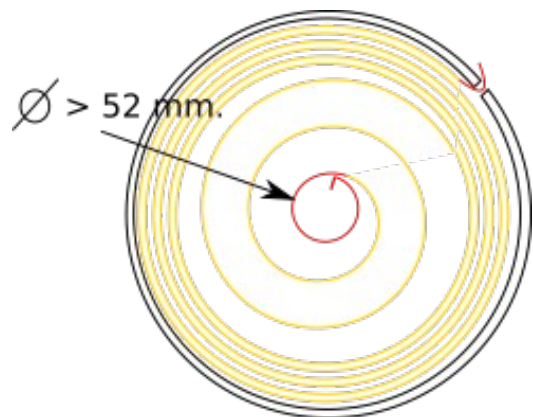
1- Pull tab hooks 2 adjacent springs

Move the flange positioning nuts until the flange can only engage one spring. Note the flange balancing play.



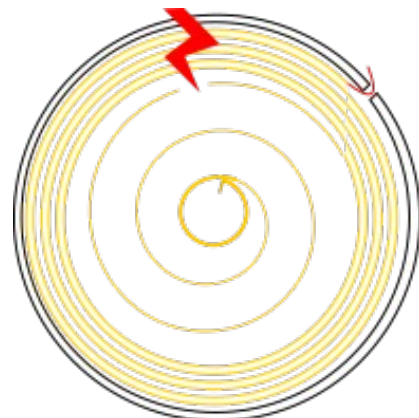
2- Open deformed springs

The inner spiral of the spring has a diameter greater than 52 mm.
Close the inside of the spring until the first loop has a diameter of 52 mm. or change the spring. Look at Appendix 3



2- Broken spring

The spring is broken.
Change the spring. Look at Appendix 3



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APPENDIX 1

Do not open spring motor

If, when loosening the nuts on the spring motor cover, the spring exerts axial force, dismantling the spring motor can be dangerous. We recommend that you send it to the official service or order a complete new spring motor.

APPENDIX 2

Spring locked into position.

Don't try to pull out a spring that looks like it's nailed to the shaft.. We recommend that you send it to the official service or order a complete new spring motor.

APPENDIX 3

Changing the spring

The dock goes into a container that ensures it can't be fired. We recommend that you order the replacement of the spring with the container. If you still want to take advantage of the container, before taking the spring out of the container make sure that the spring retains the safety rivet. If the safety rivet is broken, removing the spring from the container can be very dangerous.

