



## GSP100590

In order to change the Potentiometer (pot) on your machine with an Electronic Distance Function you will need to carry out the following guidelines.

Equipment Needed:- 13 mm Spanner, Cross and flat headed screw drivers and long nose pliers if required.

1. Undo all the screws in the handle, depending on the age of your machine there will either be four or five screws. Now carefully separate the top and bottom halves.
2. The two spade connectors that are connected to the on/off switch will need to be carefully pulled off. This can be done with your hands or if it is too tight use a pair of long nose pliers.
3. Now remove the two smaller spade connectors from the base of the green button noting which terminals were used.
4. The knob on the side of the handle needs to be removed; first, the yellow/red/green cap needs to come off. This is quite simple and a flat headed screwdriver can be carefully used to ease the cap off.
5. Using the 5 mm spanner, undo the brass nut that you have revealed under the cap. This only needs to be loosened, not completely undone, so that the knob slides off.
6. You will then see another silver nut, using the 7 mm spanner undo this and remove it along with the barbed washer. Keep the washers for use with your new pot.
7. The last connection is the handle wire; carefully loosen the two screws on the connector so that you can take out the red and blue wires.
8. You will now be able to be remove the pot fully from the handle.
9. The new Pot is now ready to fit.
10. In order to fit the Pot you will need to put the largest barbed washer onto the pot thread first, then fit the Pot through the hole in the handle. The smaller barbed washer then goes on followed by the nut. Tighten the nut with your spanner but **do not** over tighten the nut, as soon as you feel resistance it is the perfect time to stop tightening.
11. Turn the shaft of the pot towards you (anticlockwise) put the black knob onto the shaft of the Pot, please make sure that the white line on the knob is facing up. Tighten the brass nut inside the knob this should be tight enough so that it turns the Pot and but will not turn on the shaft of the Pot.
12. Insert the yellow, red or green cap cover.
13. Connect all spade terminals to the appropriate connector. The two larger terminals fit to the on/off switch and the two smaller terminals fit to the green EDF button. IT does not matter which way they connect.
14. The red and blue handle wire needs to be connected to the Pot, it does not matter which way they go in. Once you have inserted the wires into the connector, please tighten. Nearly finished but before we close the handle ensure that the wires are tight, to do this just tug gently on each wire.
15. Put the two halves of the handle back together making sure that you have not caught any wires between the plastic handle parts, now replace the screws in the handle.