

MWO Spark Gap Cleaning Instructions

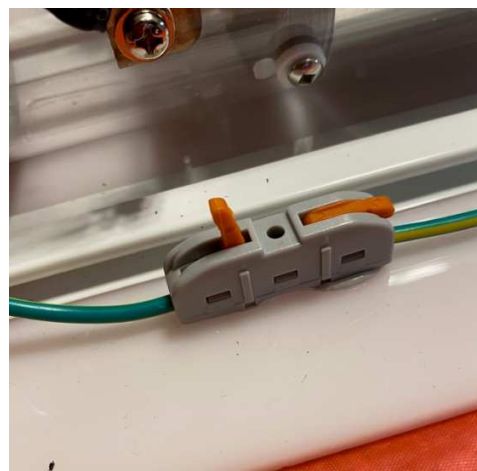
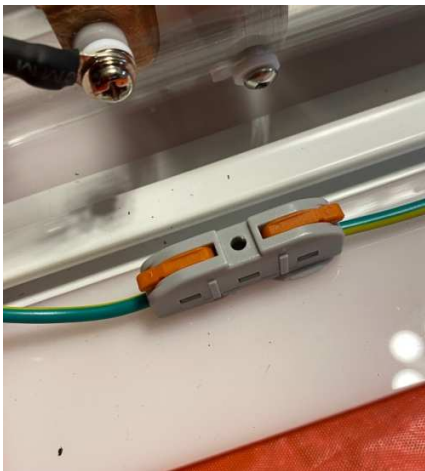
All MWO's have been setup, tuned and fully tested prior to being dispatched. The power supply has been set for your country's power systems.

Please do NOT try to adjust the spark gap adjustment dial as this will alter the effectiveness of the MWO.

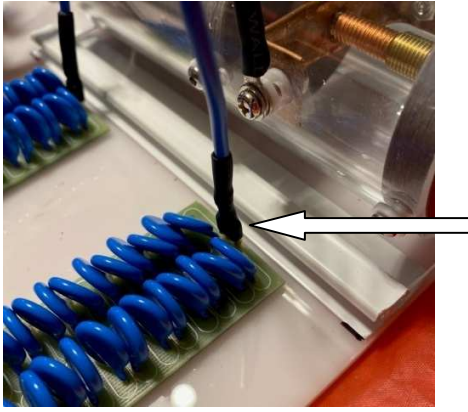
If you feel that your MWO is not operating properly, contact Altered States immediately and we will guide you through the process to improve the setting of your unit.

Once you have been instructed by an Altered States representative, you can adjust the spark gap or remove the spark gap assembly and clean the carbon build-up on the spark gap points.

This guide will show you and help you remove and replace this assembly. Also, refer to the videos showing and explaining this process. This is an accompaniment to the video.



1. Once you have removed the left side panel, unclip the cable from the cable connector at the front of the unit. Lift the orange lever tag (as shown above). The cable will slide out freely.



2. Remove the spade clip from the capacitor board and the second spade clip from the second capacity board behind this (as seen in the picture above). Only remove these 2 clips.



3. Finally, remove the coil plug from the red coil. This clips in firmly and should be refitted the same way. Once all 3 connections are removed, the complete spark gap assembly will slide out easily for cleaning.

Please view the video prior to operating this step.

Please refer to the MWO Spark Gap Assembly Cleaning video. This shows the removal of the right hand side end connection by removing 3 screws to open up the assembly to be able to access and clean any carbon build-up from the spark gap points.

Use fine sand paper on the points and a soft cloth inside the assembly to remove any carbon dust and debris.

DO NOT USE ANY SOLVENT OR LIQUID CLEANER INSIDE THIS ASSEMBLY!

Please refer to the MWO Spark Gap Assembly Cleaning video to reassemble the unit. You will notice (on the end of the right hand spark assembly that was removed) a black alignment mark. This will assist in aligning the assembly back into the correct position so the screws can be fitted back in place.



Do **NOT** tighten the screws too much! Only tighten them until it stops – do not over tighten.