

Inaccurate Calibration

Purpose

Troubleshoot and correct issues where the virtual gun is not tracking accurately.

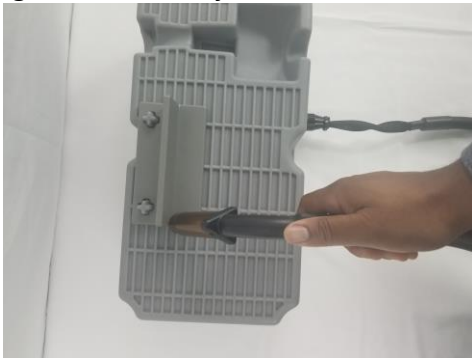
Prerequisites

- May need a Philips head screwdriver

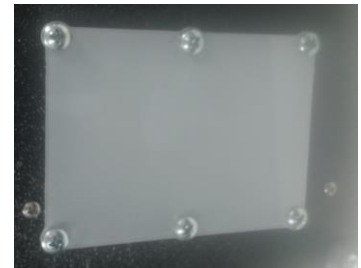
Steps to Perform

After each of these steps make sure to try the weld again to see if the issue is resolved.

1. Verify you are tacking exactly as it shows on screen: 45° work angle for the T Joint and Lap Joint, 90° work angle for the Butt joint. You want to center the gun on the side of the joint with a 0° travel angle.



2. Clear environment so there are not magnetic materials within 9 inches of the guideWELD VR base unit. This includes metal tables, chairs, wooden tables with internal metal reinforcement, etc.
3. Move the units so there is 4 feet between them to prevent interference from the signals of other units.
4. Ensure channel switches for each unit are all on the channel A or channel B. If you have multiple units near one another, alternate the units so that one base is on channel A and then next base is on channel B. (Note) Channels C and D are currently not in use.
 - a. On the underside of the unit there is a gray panel held in place by 6 screws. Remove it.



- b. Under that you will find 4 switches that can be in one of 4 positions. Place them all in position A or position B.
- c. Screw the panel back on and try the weld again.



Steps to perform if you have a second base unit and/or gun

- 5. Plug a different gun into the base unit and see if the same issue occurs.
- 6. Plug the affected gun into a different unit and see if the issue occurs again
- 7. Make note of these results and Contact Product Support.

For additional assistance and video tutorials visit our website:

www.realityworks.com/support/