The TS-2v2 and the TS-1v2 Try Squares are field adjustable. This means the accuracy of the square can be adjusted by the user. Here's how;

IF YOU HAVE A KNOWN 90 DEGREE REFERENCE

1) Using the proper sized hex-key wrench, loosen one screw and then tighten it just a little bit. Loose the other three screws.
2) Place the square against a known 90 degree reference and note which way the blade needs to be adjusted.
3) Clamp the blade of the square in a wood vise. ***Gently*** tap the handle in the direction needed to make the square mate with the reference. This may take three or four attempts. Once it mates, tighten the one screw that was semi-tight, check again for square and then tighten the remaining three screws.
4) NOTE: The set screws are stainless steel. If you tighten them too tight, you will break the head of the screw off and the tool will need to be sent back to Bridge City for repair***. DO NOT OVER TIGHTEN THESE FOUR SCREWS!***

IF YOU DO NOT HAVE A KNOWN 90 DEGREE REFERENCE

The image below shows two squares in relationship to themselves against a straight reference edge.

Using a known straight reference, align the square flush with the reference and scribe a line. Flip the square 180 degrees and scribe a second line. By splitting the distance at the widest end, an empirical 90 degrees can be determined as witnessed by the dashed lines. Using the technique described above, adjust the square until there is no gap when the square is flipped against the straight reference as illustrated on the right.