

Testing and Calibrating Your IQ

By Linda Lawson

IQ Dealer

www.blueribbonquiltco.com

To test your calibration you can use your measure feature found in your Utilities menu. Measure a 60" space with your IQ's measurement feature and mark the distance. Now take a quality tape measure and measure that distance and see if it's the same. If you're off by more than 1/8" I would recalibrate. I realize some tape measures will read differently but if you can measure it with two different ones that would even be better. If it is off, then you'll want to use the calibrate tool right there on your measurement screen.

Calibrating your IQ, keeps the sensor wheels measuring correctly. Your system will be calibrated upon installation and you should be good for a while. However, over time you may want to test the calibration that I described above. If you have an older IQ, or are unsure if it's ever been calibrated, you might want to perform this task just to be on the safe side. Also if you've ever changed your drive wheels or o-rings, this could cause the IQ to read different measurements and once again, you'll want to calibrate.

My theory is that even over time your calibration could get off just from normal use. So I would test this even if you haven't had to replace anything. The instructions are pretty easy to follow. It will tell you to move your machine 24" across and 12" up and then bring the machine back to the starting point. What this is doing is calibrating your motors to that measurement.

When Zoltan first put in the calibration function and told us to do it on every installation I really didn't understand how important it was. I learned my lesson when we were setting up a system. I always calibrate the machines, but on this particular one I got into training and talking (which I can do quite a bit of LOL) and was going to do it before we left. Well when we went to measure out a 63" space with the IQ, we realized our border wasn't fitting in like it should. Then we decided to get out the tape measure and to my surprise it was 1-1/2" off. The IQ had measured 64.5" and it was saying it was 63". After I calibrated it was perfect.

So calibrate TODAY!!!!