

# Blade continuously loads on one side.

## Symptoms:

**System is grading low on one side.**

## Cause:

**There are multiple possible causes for this.**

- **iGrade has not been set correctly.**
- **SCV's have been put accidentally in float instead of detent.**
- **Manual nudge controls have been turned on by accident.**

## Solutions:

1. **Ensure this is actually the case, try grading in both directions along a single pass be sure to confirm the blade stays low on one side**
2. **Be sure the SCV is set to the auto detent position**
3. **If using 'Cross Slope', ensure 'Cross slope' is set to control. Auto is active when the manual slope nudge buttons are greyed out. The blade controls the set slope when the slope nudge buttons are active. Check the iGrade setup - ensure cross-slope is set to remote commands and also SCV3 is set to cross slope for external commands,**

4. **Complete a TCM calibration on the receiver, be sure to drive a complete figure eight to wake up the TCM before completing the calibration, ensure the blade is close to the ground and level before proceeding through each step of the TCM cal.**
  5. **If there are two receivers on the one scraper, check to see that the Implement GPS Receiver Offsets are set correctly in iGrade.**
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