T3RRA

Bi-Directional error in iGrade.

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Contents

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Symptoms:
The implement consistently cuts when heading in one direction and fills in the other direction. Final grade is never achieved. If T3RRA software is halted and iGrade is run in ‘Plane Control’ only the problem is still present. Changing height control to SCV 3 may resolve the issue.

Cause:
This problem has been seen in cases where check valves within the tractor SCVs are malfunctioning. The implement blade is failing to hold height properly. The bidirectional nature of the issue perhaps comes from different amounts of dirt (weight) within the scraper when it is going in different directions. If changing height control to SCV 3 fixes the issue then it may indicate that only SCV 1 is malfunctioning.

Solutions:
Replace check valves with tractor SCVs.