

6 Jun 2019

Symptoms

- Controller won't start up (LED stays off)
- Controller won't start up (LED stays red)
- Wifi connection remains offline
- Unstable sensor readings
- Loadcell reading unstable
- Loadcell reading climbs very high (example 100 000kg)
- Loadcell reading drops very low (example -100 000kg)
- Loadcells won't calibrate correctly

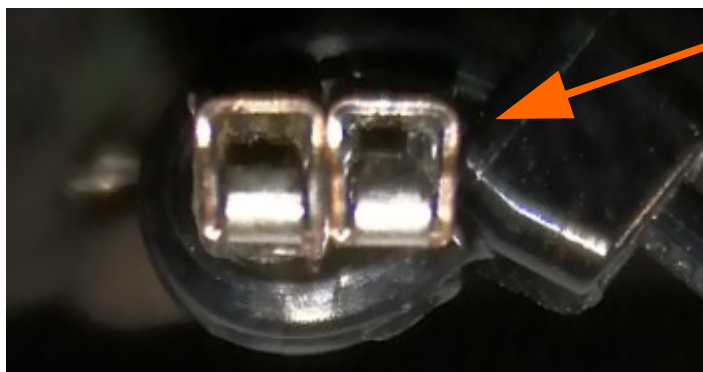
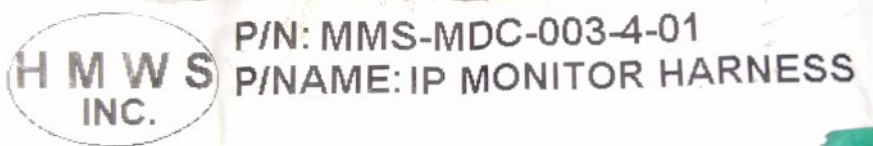
Notes

Bad or loose power/ground connections cause unstable power to the controller. Loadcells are sensitive to power changes, so they are the first to show symptoms.

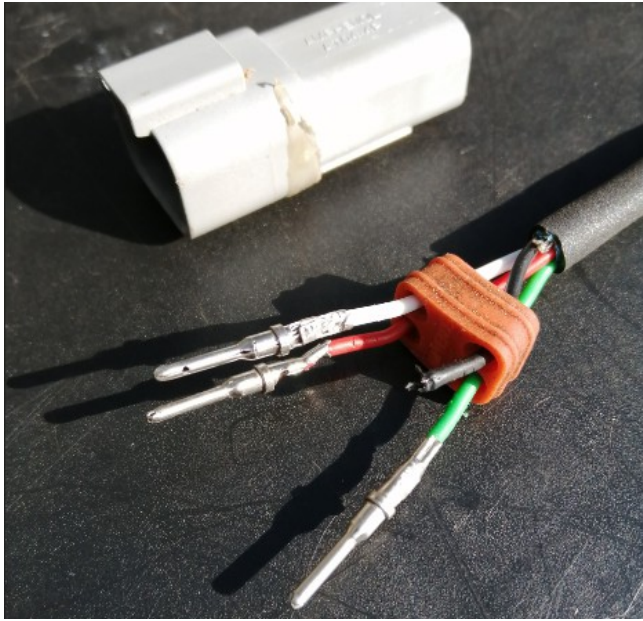
Check all electrical connections, starting from the tractor source through to the controller. Look for unseated pins, pushed back into housings. Check for damaged pins or corrosion.



Connector on controller
Power pin pushed back



Connector on controller
Bad pin on left (contact opened up)
Good pin on right (tight connection)



Loadcell wire cut inside connector, at the terminal crimp



Loadcell wire cut inside connector, at the terminal crimp