

Table 2: Troubleshooting checklist

Description	Done (Yes/No)?	Result (Pass/Fail)/Summary
Hardware Inspections		
Check the steering U-joint.		
Check the steering motor		
Check the steering encoder		
Check the steering amplifier		
Check the traction encoder		

Table 2: Troubleshooting checklist (Continued)

Description	Done (Yes/No) ?	Result (Pass/Fail)/Summary
Software Diagnostics		
Check the steering angle.		
Check the manual steering.		
Check the manual navigation.		
Check the automated steering.		
Check gyro noise.		
Record Traction values.		
<p>Perform steering calibration</p> <p>NOTE: this is a REQUIRED step when any component is replaced</p>		