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**SURFACE SYSTEMS & INSTRUMENTS, INC.**

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**Custom Test Equipment • Mobile Technology Solutions • Inertial Profilers • ADA Compliance • FF/FL Testing**

## Accelerometer Calibration

SSI allows users to calibrate accelerometers. This calibration does not need to be done frequently, as it is not a requirement under the national test methods.

### **If you receive a “Accel x too Noisy” error message:**

1. Park vehicle on a relatively flat surface
  2. Shut off engine to limit vibration
  3. Check connection of accelerometer and cable condition
  4. Protect the vehicle from high winds which may rock vehicle
- If all items above are verified, turn on engine and attempt another calibration

### **If you receive a “Could not Calibrate” or a failure message:**

1. Were both accelerometers calibrated at the same time?
  - a. Confirm that the accelerometers were rotated at the correct positions
2. Verify connections of both accelerometer
3. Check battery voltage or turn the truck on and recalibrate

Contact SSI using the header information above if you have questions on the diagnostic process.