

4.5. Trouble-Shooting

4.5.1. Basic Guidelines

- These basic guidelines are provided for both beginning and experienced service personnel. While they are a refresher for the experienced, a wise beginner will follow this list until they become automatic.
- Some basic troubleshooting actions are:
- Problem isolation - Isolate problem to: source, receiver, wiring, VFC/counter - ADC, or software, for example, calibration constants. (This is a divide and conquer strategy, narrow down where the problem is to more and more specific location.)
- Use standardize values to plot information to help diagnose problem.
- Refer to log book data taken during Preventative Maintenance.
- Record in a log book, dedicated to the system, all malfunctions and actions (including data base changes to calibration constants, all hardware changes) for future reference.
- If time or sensor access allow, make only one change at a time.
- Remember many problems can be found by a visual inspection.