

Electrical Schematics, Diagrams & Diagnosis:

1. The defrost damper door barely moves & does not fully close when energized in Interface Board Test Mode. When you feel the door, it pivots freely & the bearings & springs are good.

Electrically, what do think is wrong with the damper door?

What is the sequence of electrical tests you will perform?

1) _____

2) _____

2. An C-600m has a repetitive write up that the high speed solenoid's 15 amp fuse (F6) continues to blow. You check the schematic and find that a 15 amp fuse is correct for the F6 position.

What type of electrical fault do you suspect could cause this problem?

What electrical test should you perform first?

What are the required steps to perform the previous test properly?

3. An S-610m Multi-Temp comes in with an Alarm Code 25 “Alternator Check.” Nothing appears wrong after a thorough visual inspection of the alternator harness & belt. At this point, you ask yourself, “What caused this check alarm to set?” You gather more information by checking the Green Book Section 5, SR-4 Diagnostics.

What are the high and low limits for output voltage from the alternator with the engine running?

With the engine running, current flow from the alternator to the battery should be greater than _____ (as described in the Green Book)?