

Electronic Boards

Another connection area that can cause all kinds of problems is the tiny molex plugs on your circuit boards. All of your gas appliances that have self-lighting capability have circuit boards to control this function. Some of these are exposed to the elements and pick up dirt as well as corrosion. You cannot use WD-40 to clean these connections or the circuit boards since it will leave a film that attracts dirt and grease. You should have a spray can of Electronic Cleaner that leaves no residue after use. It can also be on the entire board to remove dirt and prevent short circuits. Most of the appliance vendors have gone to potted circuit boards when they are exposed to the elements so this is particularly important on earlier RVs. On occasion an appliance will be intermittent and just start and then stop working. Check the connections to the circuit boards. Carefully remove them, spray with contact cleaner and remake the connection. I have fixed dozens of problems with this simple procedure.

Let's review:

- Special Lubricant
- Needs Silicon Dielectric (tube)
- Silicon Spray WD-40
- Corrosion Pro Lubromatic spray grease or Kwiklube
- PB Blaster rust remover
- Electronic Circuit Cleaner