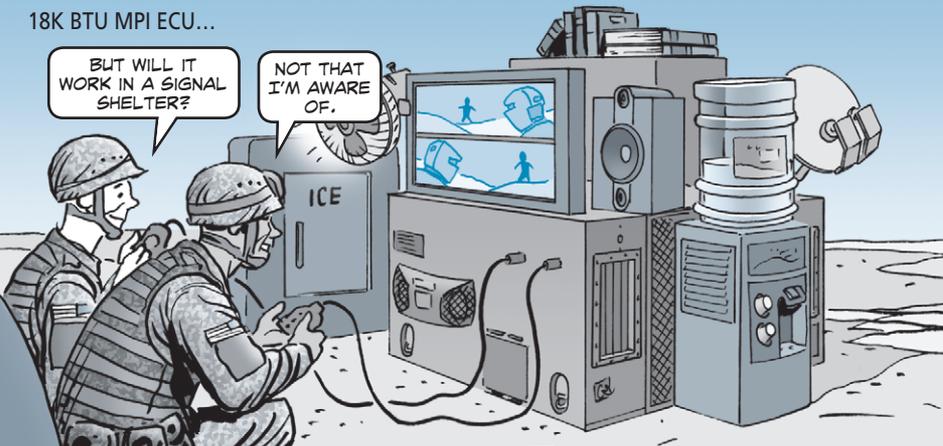


BUT WILL IT WORK IN A SIGNAL SHELTER?

NOT THAT I'M AWARE OF.



MODIFICATION AWARENESS

Dear Editor,

There's a modification for some 18K BTU environmental control units (ECU), NSN 4120-01-327-1316, so they can work properly in signal shelters. The modification was made to the thermistor because of poor ductwork in those shelters. The lack of proper ductwork kept the ECU short-cycling.

When this modification is made, a data plate is affixed under the standard data plate on the ECU. This tells the world that the ECU is no longer compatible in shelters other than those signal shelters that have been modified, too.

So far, so good.

Unfortunately, for reasons like careless painting and loss, that data plate is often unreadable. When a modified ECU is placed on a non-modified shelter, the compressor will not come on in the cool mode and the temperature will become uncontrollable.

Look for the modification data plate

Handwritten note: This is the modification data plate. It is located under the standard data plate on the ECU.

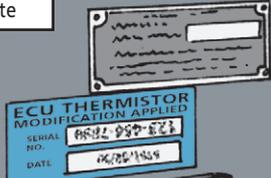
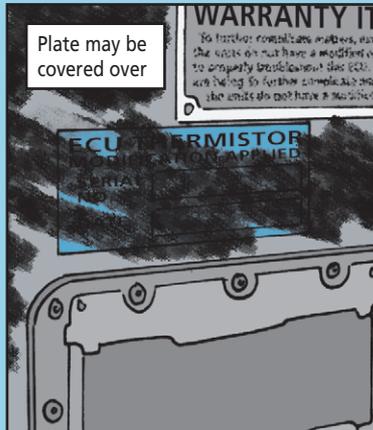


Plate may be covered over

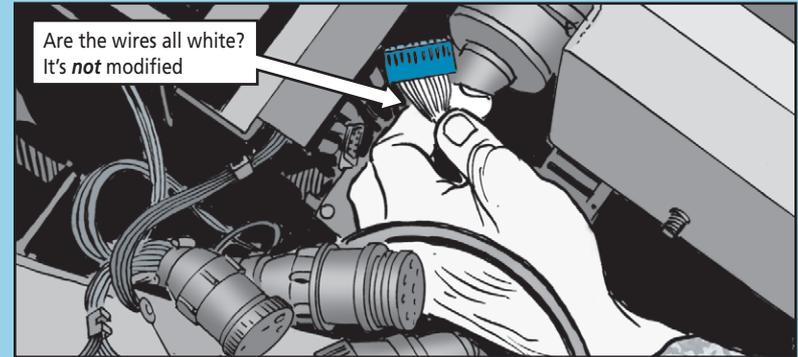
WARRANTY IT
 For further consultation, contact the unit or have a modification to properly troubleshoot the ECU. If you are having difficulty, please contact the unit or have a modification.



To further complicate matters, many of the units do not have a modified control box to properly troubleshoot this ECU. *Good* ECUs are being turned in as *bad* simply because they are on the wrong shelter!

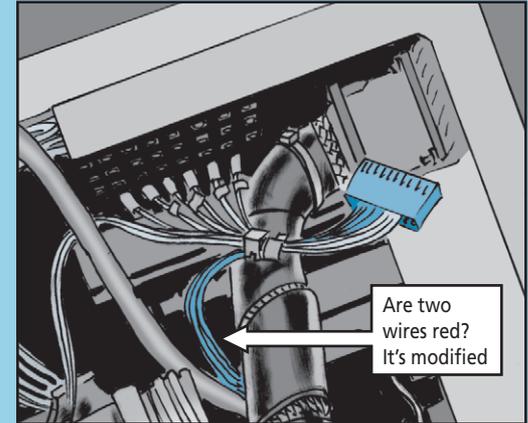
Before an 18K ECU is installed in any shelter, look for the data plate to see if it has been modified. If the plate is there, you know what to do next. If the plate is not there (or is covered over by paint) don't assume the modification has not been made. Check it out. Here's how:

* Remove the top cover and look at the J3 connector at the logic box.



* Is the standard white mil-spec wiring in place in pins 1 and 2 going down to the thermistor? If so, you have a standard, non-modified ECU.

* If the standard white mil-spec wiring is not there, but red wiring is, your ECU has been modified and is now only compatible with a modified shelter.



CE-LCMC P&E LAR
 Ft Lewis, WA

Editor's note: Nobody knows these 18Ks as well as . If you have further questions about this or other problems on the ECU, email him:

@us.army.mil

Also, modified shelters can be spotted by a remote mounted control box inside the shelter with an extended cable that supports a thermistor.