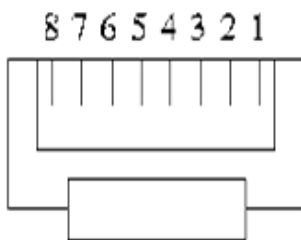


ScanGauge II 9 Volt Power Cable

1. Find a CAT 5 network cable. I happen to have a short cable that I could use both ends.
2. Get a 9 volt battery cap connector. I bought mine from Radio Shack. 5 pack for \$3.00. If you have an old transistor radio that doesn't work, you could rob one from it.
3. Cut the CAT5 cable off 8 inches from the RJ-45 plug. You can do the same with the other end and make 2.
4. Strip back the wire cover 1 inch from the cut end exposing all the small wires.
Carefully inspect the RJ-45 plug. Determine the color of pin one wire, which will be the NEGATIVE wire and the color of number 8 wire which will be the POSITIVE wire.
(See illustration at bottom)
My number one wire was white with an orange stripe and number 8 wire was brown with a white stripe. Yours may differ depending who put the ends on. I used a red marker and put "+" on the side of the plug where the number 8 wire was just as an extra percussion.
5. After finding your number 1 and 8 wires, cut the extra wires back to the cover leaving just the 2 wires that will be used.
6. Now strip the number 1 and 8 wires back approx. ¼ inch and strip the red and black wires, on the 9 volt battery cap connector, back ¼ inch. Be careful as these are very small wires.
7. Solder the number one wire to the black, negative, wire on the 9 volt battery cap connector. Then solder the number eight wire to the red wire on the 9 volt battery cap connector. I used shrink tubing, so plan ahead. You can also use electrical tape to shield the bare wires.
8. Now you are ready to use your new cable.
9. Connect a new 9 volt battery to the battery plug. If the battery is not at full strength, the ScanGauge will not totally power-up.
10. Plug the RJ-45 plug into the ScanGauge. The face should light up and display the basic screen.
11. Now the ScanGauge must be put into "Test Mode". To do so; Press the button next to "MORE" 2 times. (Middle button on the right side) Then press the lower left button 5 times. Then press the lower right power up button with the red circle around it. You now should now be in "Test Mode". This stabilizes the display and will make it easier to enter the codes. If you don't get it into "Test Mode" the cursor will be erratic and the gauge will periodically go to sleep. Not a good situation.
12. Next follow the ScanGauge II instructions on entering codes. Unplugging the power cable will take it out of "Test Mode".



End View of the RJ-45 Plug