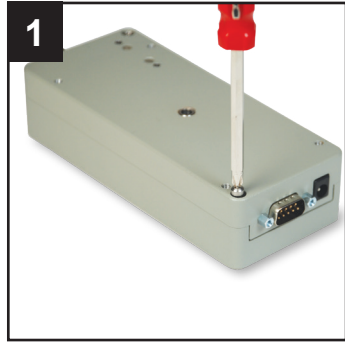
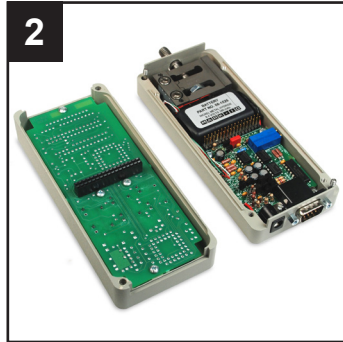


AC1118 Battery Installation Instructions for Legacy Gauges

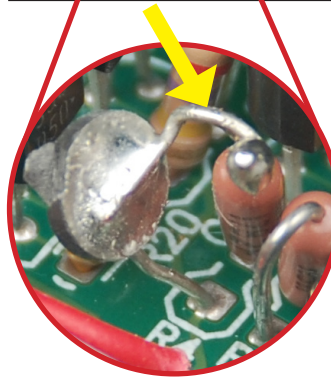
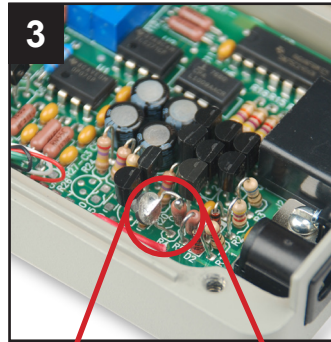
The 8.4V NiMH AC1118 battery is designed for use with new Mark-10 gauges. It can also be used with legacy gauges, however, some modifications are required. Failure to perform this modification will not cause damage to the gauge, however, the period of time per battery charge will be significantly reduced. Applicable legacy gauge series include Series BG, BGI, EG, and CG. Refer to the instructions below:



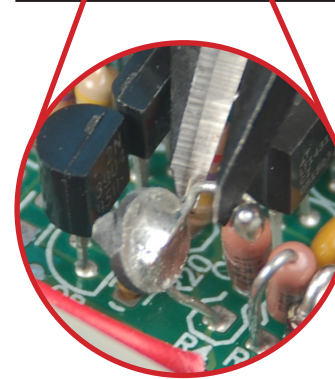
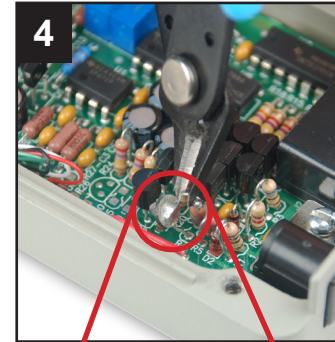
1
Separate the two halves of the gauge housing by loosening the captive screws. Then pull the two halves apart.



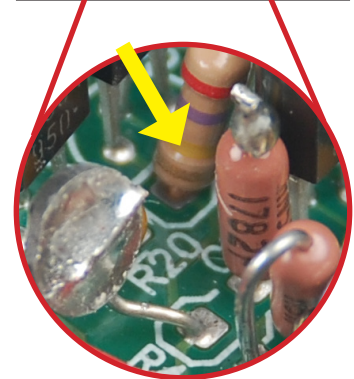
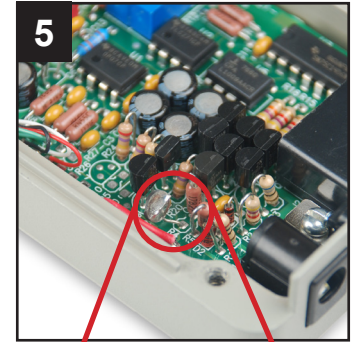
2
The separated halves appear as above. The PCB of interest is the auxiliary PCB, shown on the right half, adjacent to the battery. Remove the battery before beginning work on the modifications.



3
Identify the R4 resistor (brown color), with the thermistor (silver color) soldered to it. The connection between the two components is highlighted with a yellow arrow.



4
Using a pair of wire cutters, cut the connection between the components.



5
Twist the thermistor away from the resistor, or cut it out completely. Note the absence of the connection, identified by the yellow arrow. Then, install the new battery and reassemble the two halves of the housing.