

# CABLE AND CLAMP REPLACEMENT INSTRUCTIONS



1. Remove protective rubber boot from tester.
2. Remove battery cover on the back of the tester by removing the 4 Phillips head screws using a Phillips screw driver. (Illustration 1.)  
**Note:** Be careful not to drop any of the hardware into the tester. If hardware falls into the tester, be sure it is removed prior to using the tester, as loose hardware could cause a short circuit inside the tester.
3. Remove both volt lead Phillips head screws, lock washers, and flat washers using a Phillips screw driver. (Illustration 2)
4. Remove the 8 mm hex head bolt, lock washer, and flat washer from the positive side current lead using an 8 mm socket. (Illustration 3)
5. Remove the 10 mm hex head bolt, lock washer, and flat washer from the negative side current lead using an 10 mm drive socket. (Illustration 4)
6. Unthread both cable strain reliefs from the tester, and pull both cables out of the tester. (Illustration 5)
7. Remove rubber insert from both threaded fittings on tester. (Illustration 6)
8. Cut off small plastic fingers from both threaded fittings using a wire cutter. (Illustration 7)
9. Insert cables through threaded fittings. Fittings have a slot on the inside to clear the terminal. Align the terminal with the slot when inserting the cable through threaded fitting. (Illustration 8)
10. Continue installing replacement cable and clamp assemblies in reverse order of removal. Note hardware assembly order. (Fastener, lock washer, then flat washer) (Illustration 9)
11. Tighten hardware. Recommended torque:
  - a. 8 mm and 10 mm hex head screws: 22 IN. LBS.
  - b. Phillips head Volt lead screws: 6 IN. LBS
12. Reattach short USB cord (if used) to the new negative cable with supplied zip ties. (Illustration 11)  
**Note:** Short USB cord may not be used on all models.  
**Note:** When installing the volt lead terminals using the Phillips head screw, ensure that the terminal does not touch the copper buss bar.  
**Note:** One set of new extra cable hardware is included if needed.



Illustration 1

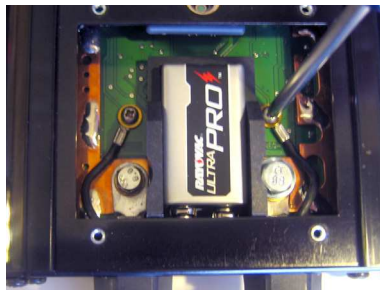


Illustration 2



Illustration 3



Illustration 4



Illustration 5



Illustration 6



Illustration 7



Illustration 8



Illustration 9



Illustration 10

Required Gap. Terminal can not touch copper buss bar.



Illustration 11