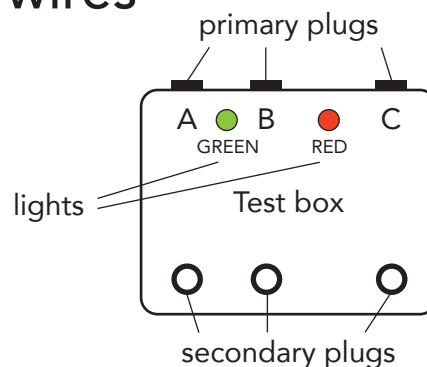


Basic testing of weapons and bodywires

Before commencing, span the ABC plugs on the test box with a metal object (eg screwdriver, coin etc). Both lights should come on. If they don't, replace the battery.

Some test boxes have two sets of plugs. In this case plug the bodywire into the primary plugs, which are the plugs with the lights, then proceed with the tests.

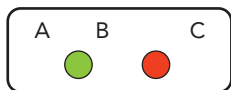
Test the bodywire before testing the weapon, as a faulty bodywire will interfere with the weapon testing.



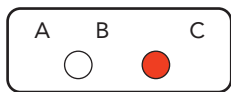
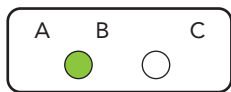
TEST BODYWIRE

EPEE (3-PIN BODYWIRE)

Plug the other end of the bodywire into the secondary plugs. Both lights should turn on.

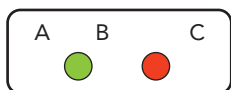
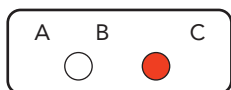


OR, on the unplugged end of the bodywire, span the A-B prongs with a metal object (green A-B light should turn on), then span the B-C prongs (red B-C light should turn on).

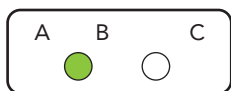
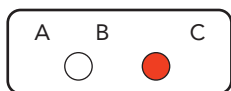


FOIL & SABRE (2-PIN BODYWIRE)

Plug the other end of the bodywire into the secondary plugs. (red B-C light should turn on). Touch the alligator clip to the empty secondary plug (green A-B light should also turn on).



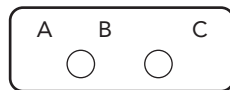
OR, on the unplugged end of the bodywire, span the prongs with a metal object (red B-C light should turn on). Remove the metal object then touch the alligator clip to the B prong (the thin prong) (green A-B light should turn on).



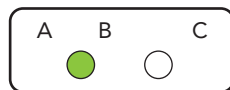
TEST WEAPON

EPEE

When weapon is plugged in, no lights should turn on.

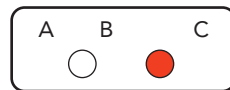


When tip is depressed, the green A-B light should turn on.

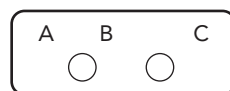


FOIL

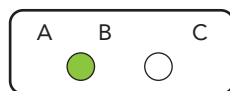
When weapon is plugged in, the red B-C light should turn on.



When tip is depressed, the red B-C light should turn off.

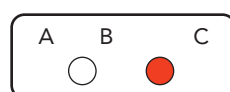


When tip is depressed on the alligator clip, the red B-C light should turn off and the green A-B light should turn on.

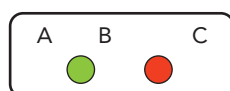


SABRE

When weapon is plugged in, the red B-C light should turn on.



When blade is touched to the alligator clip, the green A-B light should also turn on.



NB, these tests only determine whether or not the circuit in the bodywire or weapon is working as it should. Any results other than those shown here indicate a problem with the piece of equipment. Further investigation of the faulty equipment will be needed to determine what the problem is.