Speaker Plug Repair "Pigtail"
(Part # 3031)

What's included: replacement wire "pigtail", 4x 1" heat shrink, 2x 3 ½" heat shrink

What you need: wire strippers, flux, solder, soldering iron, heat gun/hair dryer

Instructions:

1. Prepare harness in boat:
   a. Cut off old/damaged rubber plug.
   b. Split each wire pair to about 1 ½" down (see image 1).
   c. Strip ¼" of insulation off each individual wire (see image 2).
   d. Tin exposed wires with flux & solder.

3. Connect pigtail to harness:
   a. Slide long heat shrink over harness wire pair.
   b. Slide short length of heat shrink over each individual wire (see img 3).
   c. Locate ribbed (textured) wire on both pigtail and harness.
   d. Connect ribbed wires together with flux & solder (see img 4).
   e. Repeat for plain (smooth) wire.

4. Insulate connections:
   a. Center short heat shrink over solder joint.
   b. With heat gun or hair dryer, melt short heat shrink pieces over each solder joint (see image 5).
   c. Repeat for all other solder joints.
   d. Center long heat shrink over pairs of wire joints.
   b. Melt long heat shrink over connections (see image 6).