

# CB Wiring Harness Repair "Pigtail" (Part # 3032)

**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:

- Cut off old/damaged rubber plug.
- Split each wire pair to about 1 ½" down (see image 1).
- Strip ¼" of insulation off each individual wire (see image 2).
- Tin exposed wires with flux & solder.

Image 1



### 2. Connect rate sensor:

- Locate appropriate wires on pigtail (holes A and D - see image 3).
- Slide long heat shrink over rate sensor wire pair (see image 4).
- Slide short length of heat shrink over each individual wire (see image 5).
- Locate ribbed (textured) wire on both pigtail and sensor.
- Connect ribbed wires together with flux & solder (see image 6).
- Repeat for plain (smooth) wire.

Image 2



Image 3

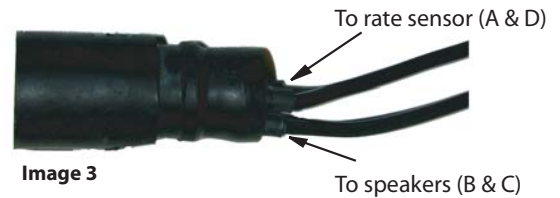


Image 4



Image 5



Image 6



### 3. Connect speaker harness:

- Locate appropriate wires on pigtail (holes B and C - see image 3).
- Slide long heat shrink over speaker harness wire pair.
- Slide short length of heat shrink over each individual wire.
- Locate ribbed (textured) wire on both pigtail and harness.
- Connect ribbed wires together with flux & solder.
- Repeat for plain (smooth) wire.

Image 7



### 4. Insulate connections:

- Center short heat shrink over solder joint.
- With heat gun or hair dryer, melt short heat shrink pieces over each solder joint (see image 7).
- Repeat for all four solder joints.
- Center long heat shrink over pairs of wire joints.
- Melt long heat shrink over both pairs of connections (see image 8).

Image 8

