

# Wire Replacement Kit Instructions

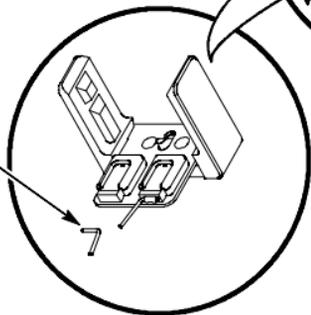
**Tektronix**



071-1701-00

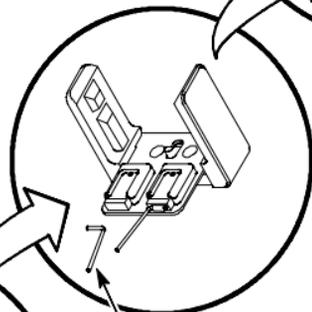
Remove  
existing  
stub

1



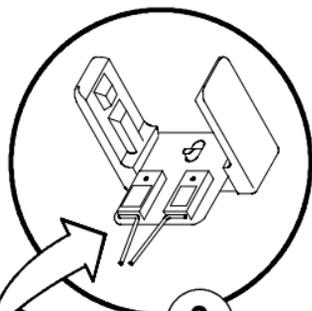
2

Cut new wire to  
1/2-in, add  
right-angle bend



3

Solder new  
wire lead



**Caution:** *The flex Tip-Clip resistor may come off if overheated.*

## Replaceable parts list

ACCESSORY KIT; WIRE

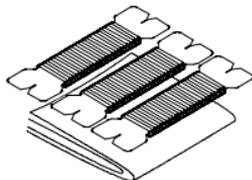
3 BOBBINS: SOLDER, SN62 PB36 AG02

8 MIL AND 4 MIL WIRE, COPPER ALLOY

SN PB PLATE, INSTRUCTIONS

Order Tektronix part number

020-2644-XX



The P7313 HBW Tip-Clip™ Assemblies consist of a colored plastic clip, a flex circuit, and two resistors. Each resistor has one 8 mil diameter wire attached. In addition, there are two elastomeric buttons between the flex and this clip. These are required to ensure reliable contact between the flex and the probe head. Do not remove the flex from the clip, as you may lose the elastomers.

To avoid damaging the Tip-Clip, avoid applying excessive heat from the soldering iron. Use a low wattage, temperature-controlled soldering iron and appropriately sized soldering iron tip.

To replace either wire of the HBW Tip-Clip Assemblies, do the following:

1. Secure the HBW Tip-Clip Assembly in a suitable holder so that it won't move while soldering at the resistor-side where the wire will be placed. Another option is to secure the Tip-Clip Assembly to a suitable solder surface using the supplied Tip-Clip Tape or standard double sided tape.
2. Use tweezers to hold the wire.
3. Unsolder the old wire by quickly touching the soldering iron to the resistor and gently pulling on the wire (see Figure 1).
4. Select a wire size suitable for your connection, and cut off a 1/2 inch piece. Both 0.008 inch and 0.004 inch diameter wire are included in the wire replacement kit.
5. Use the tweezers to put a small right angle bend on the end of the wire. (See Figure 2).
6. Carefully solder the new wire to the resistor using the supplied solder (See Figure 3).
7. Trim the wire to the 0.075 inch length. Both wires should be the same length.
8. Repeat for the other side of the Tip-Clip as needed.