

Ohmeda Finger Probes (old style).

(Old style has small Strain relief at the finger clip end.)

Visual Check

Cracks in probe - Exchange
Nicks in cable - Replace Cable

Required:

1. 9 Pin Connector
2. 7 Connector Pins
3. 61.9 K Ohm Resistor
4. Strain Relief

Cut Resistor Legs :

1 side 0.5 cm

1 side 1.5 cm

Solder a pin to each side of resistor

Place length of heat shrink 2 cm Long - 3.2 mm diameter over resistor.

NOTE Short side of resistor to Pin 5

Insert Resistor into Connector

Cable

Expose 1.5 cm of cable.

Cut and Remove main shield.

Cut and Remove white wire (inside internal shield).

Strip and Tin wires.

Solder pins on each wire including shield.

Insert pins into Connector

NOTE before inserting pins ensure Strain Relief and relevant connector parts are on the cable.

Slide/Stretch Cable sheath down.

Attach Small Cable Tie to Cable.

Note if only re-wiring cable at finger clip end cut the cable by a max of 10-15 cm.

Finger Clip

Rubber band Finger Clip (To hold it open)

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Remove bottom Pad -

Use a small screwdriver to prise the pad off (use the small groove)

Desolder old wire

Cut yellow String

Pull Strain relief from the Finger clip.

If necessary score around the strain relief with scalpul

Remove cable

cleanup pads (use a toothbrush)

Remove strain relief from cable

Use a small screwdriver to break the seal between the strain relief and the cable, Use alcohol to pull out cable)

place strain relief on new Cable

place 0.5 cm length of 3.2 mm heat shrink on cable

Cut back 1.5 cm of cable

Remove main shield + string

Remove white wire

Strip and Tin remaining wires

NB sheath should fit in the groove (if not slide sheath down)

Solder on to finger clip as per diagram

Slide down sheathing to fit

Super glue heat shrink onto cable in the grove

Slide down strain relief and glue

Glue the 4 corners of padding to finger clip

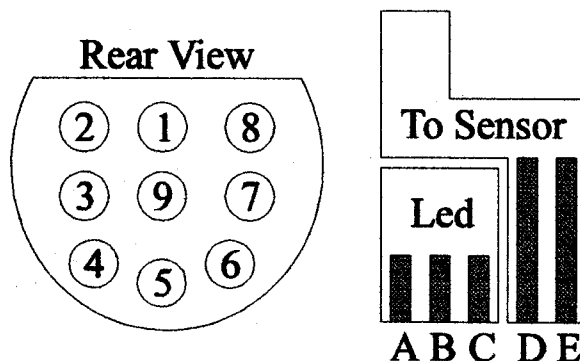
Test Probe.

Resistance between 30KOhm and 80 KOhm

Ohmeda (new Style)

The only differences is a bigger strain relief and the resistor in the connector must be Shielded.

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Pin Number	Ohmeda Cable Original Model	Ohmeda Cable New Model	Epic Cable New Model	Epic Cable Original Model
1	Orange	Orange	Orange	Orange
2	Green	Green	Yellow	Yellow
3	-	-	-	-
4	Red	Red	Red	Red
5	Resistor	Resistor	Resistor	Resistor
6	-	-	-	-
7	Resistor	Resistor and Shield	Resistor and Shield	Resistor
8	Black	Black	Black	Black
9	Shield	White	White	White shield
A	Green	Green	Yellow	Yellow
B	Red	Red	Red	Red
C	Orange	Orange	Orange	Orange
D	Black	Black	Black	Black
E	Shield	White	White	Shield