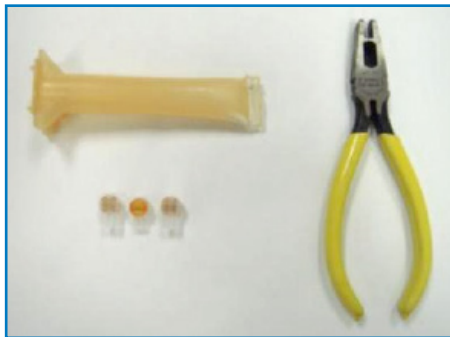


Mueller Encoder Eight (ME-8) Field Splicing Requirements for Field Removal and Replacement

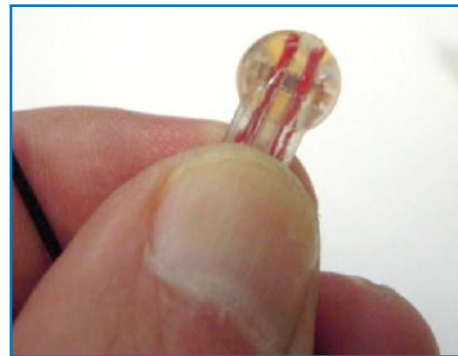


Mueller Encoder Eight
(ME-8)



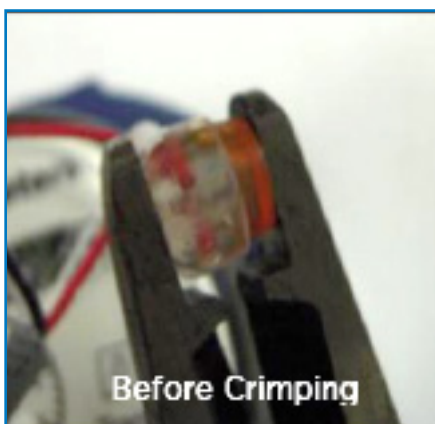
Components Required for Field Splices of
Register to transceiver

3M-2Y Gel Caps (3)
Gel Cap Splice Tube
3M Crimping Tool



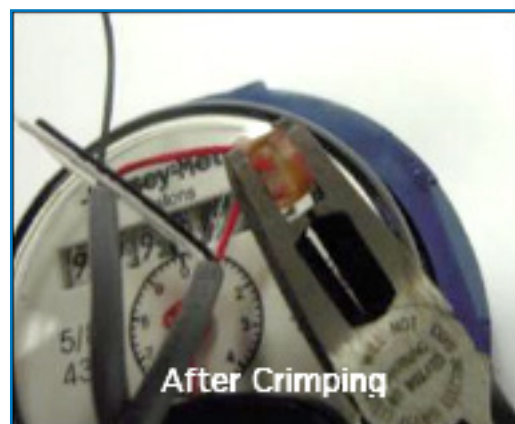
All wires are connected using like colors:
Red to Red
White to White
Black to Black

- Strip away approximately 1" to 1-1/2" of the gray or black outer wire sheath only
- DO NOT strip colored wire jacket on individual wires
- The like color wires should be inserted into the gel cap so that the wires extend to the top of the gel cap as pictured.



Using the appropriate
3M gel cap crimpers,
completely compress
the gel cap.

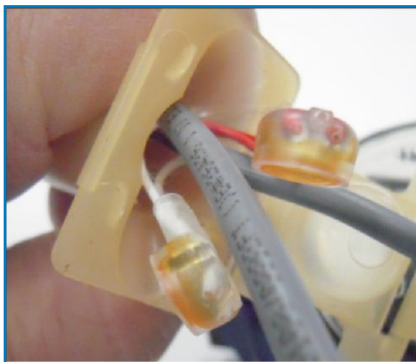
NEVER use standard
pliers to crimp the gel
caps since this can lead
to broken wires or poor
connectivity.





Pictures showing properly inserted wires for each color.

Note that wires extend all the way to the tops of the gel cap connectors prior to crimping



After crimping and checking each colored wire in succession, all three colored wires and the gel caps should be inserted into the splice tube to protect the connections and wires.



The wires should be routed to each side of the splice tube and the lid of the tube should be latched to prevent water and dirt intrusion into the tube.

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