

LL2 Probe Splice Kit – Installation Instructions

Please read these instructions carefully and refer to Diagram A below. The new Liquid Level Probe Splice Kit includes 2 Electrical Connectors for installation inside the manhole Junction Box Only. It is not intended for direct burial applications.

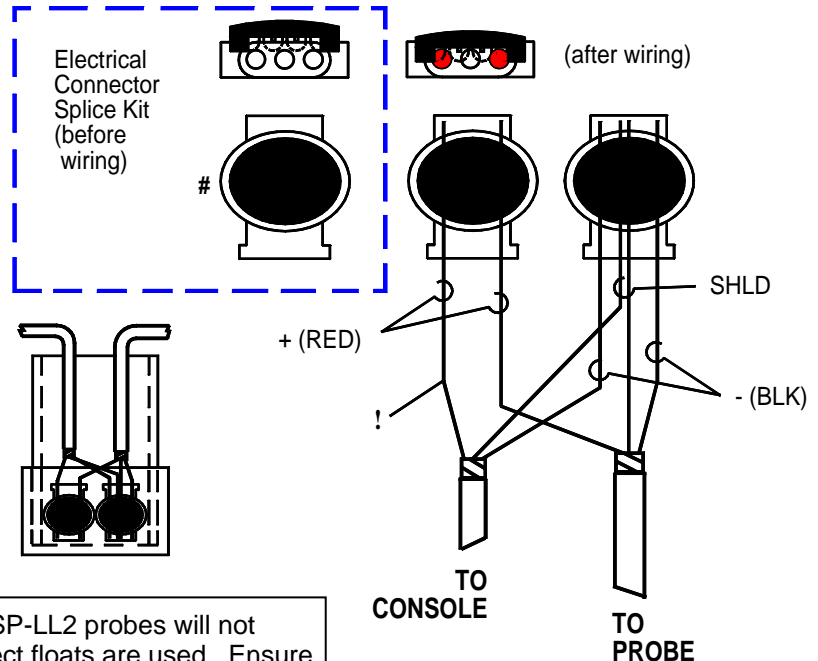


CAUTION Failure to use the splice kit will void the warranty.

For a spare supply of moisture-resistant splice connectors, Order: TSP-KW30 for a pack of 30 splices.

For Direct Burial Cable Applications or for Applications that don't use a Junction Box, order:

TSP-DB1 for a single kit, or TSP-DB10 for 10 kits (at right).



Note: Franklin Fueling Systems TSP-LL2 probes will not perform reliably if the incorrect floats are used. Ensure that Franklin Fueling Systems TSP-IGF4, TSP-IDF4, TSP-IGF2, TSP-IDF2 or TSP-SSP floats are used.

Diagram: A Electrical Connector Splice Kit – Probe Wiring

- 1.) Use 2 moisture-resistant connectors (provided) for each probe installation. #
- 2.) Insert 2 red *unstripped* wires into two separate openings of the first connector. *

Note: ! = Belden cable # 89182 (for runs longer than 400 feet) has a yellow wire. Wire the YEL wire to the proper + (RED) probe terminal inside the console.

- 3.) Insert 2 black *unstripped* wires into two separate openings of the second connector and then insert the 2 shield wires into the remaining opening of the second connector. *
- 4.) The white wire inside the yellow probe cable is not used. Do not insert it into any connector. It is recommended that you cut the white wire back flush to the jacket of the yellow probe cable.

Note: * = For steps 2 and 3, ensure that the wires are fully inserted and seated at the end of the connector (**look at the translucent connector body to verify this**). Use 8" slip-joint pliers and squeeze each connector together (**position the pliers on the connector perpendicular to the wires and drive the black cap down almost flush to the edge of the connector body**).