



Scotchlok™ UDW2 Drop Wire Connector



The 3M brand Scotchlok™ UDW2 Connector is the easiest drop wire connector to install.

The UDW2 is a full pair, moisture-resistant drop wire connector designed to accommodate 16 - 19 AWG (1.3 mm - 0.9 mm) copper or copper-coated steel conductors in strain relief areas. Its precrimp feature helps hold the drop wires in place until the

connector is crimped and the splice is complete. Molded from a black UV resistant plastic, the UDW2 does not require taping.

The Scotchlok UDW2 Connector is ideal for use on Alpha Duct GT-7, Alpha Tel, F-Drop and C-Drop wire accommodating a maximum insulation of 0.175" x 0.180" (4.45 mm x 4.57 mm) and a minimum of 0.100" x 0.100" (2.54 mm x 2.54 mm).

When used in mid-span applications or where tensile load is greater than 50 pounds, additional strain relief should be provided using wire clamps.

For best results, use with Scotchlok E-9B or E-9BM Crimping Tools. UDW2 Connectors are available in bags of 25 connectors.

1.0 General

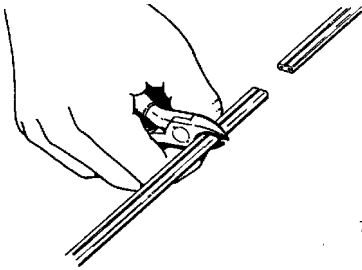
The 3M brand Scotchlok™ UDW2 Drop Wire Connector is a full pair moisture-resistant drop wire connector especially designed for 16 - 19 AWG (1.3 mm - 0.9 mm) copper or copper-clad steel conductors with insulation diameters up to .175" (4.4 mm) O.D.

2.0 Accessories Required

- Scotchlok E-9B or E-9BM Crimping Tool
- Double Headed Drop Wire Clamps (if used mid-span)

3.0 Drop Wire Preparation

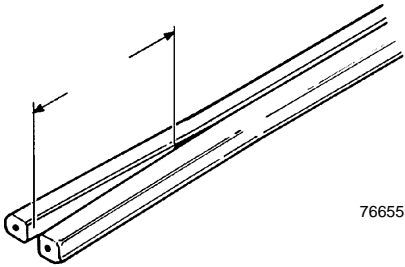
3.01 Flush cut the two ends to be spliced.



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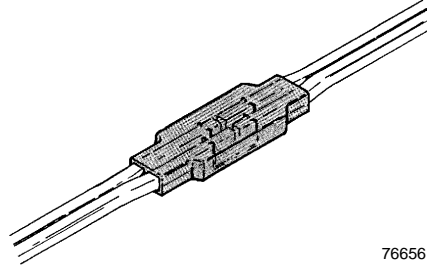
3.02 Slit drop wire approximately 1 1/4" (32 mm) with a drop wire splitter.

Note: On "C Type" drop wire, remove the outer jacket.



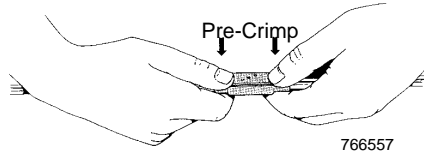
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3.03 Line up ribs of drop wires so that tip and ring are not reversed at the splice. Slide one of the drop wires into the connector. Holding connector and drop wire, insert the other drop wire. Make sure both drop wires are inserted all the way.



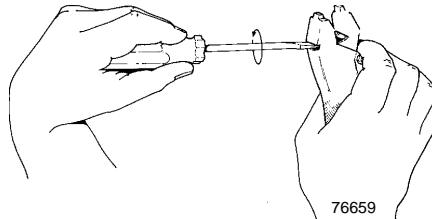
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3.04 Important: Press both thumbs down equally on the connector cap. You will hear a "crunch." This means the connector is pre-crimped. (This will help hold the drop wires in place until the connector is crimped).



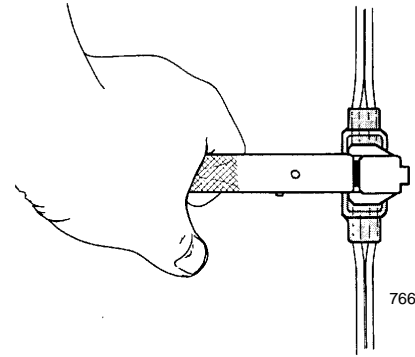
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3.05 Adjust the E-9B Crimping Tool to thin-thin configuration or the E-9BM Crimping Tool to thick-thin configuration on the adjustable jaws of the tool.



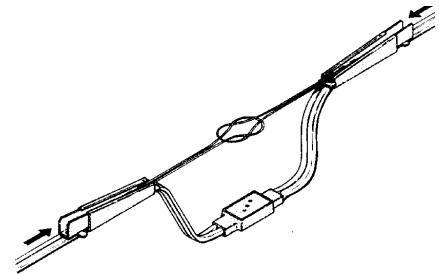
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3.06 Once the tool is adjusted properly, position connector all the way back in the jaws. Fully crimp the connector so that the cap is flush with the body.



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3.07 When connector is used mid-span, provide additional strain relief by using two drop wire clamps. Make sure that the clamps are locked onto the drop wires by tapping the clamps to set the teeth.



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Packing: 25/bag, 4 bags/cs.,
1.1 kg (2.5 lbs.)/cs.

Shipping Unit: 100 connectors

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