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# Scotchlok™ Crimping Tool Model E-9J

## Instructions

The 3M™ Scotchlok™ Crimping Tool E-9J is a hand operated crimping tool designed to terminate a wide range of 3M Scotchlok connectors. The lightweight tool incorporates a 10:1 mechanical advantage to reduce operator fatigue and is fitted with textured plastic grips for improved handling. It is supplied with a protective fabric carrying pouch.



### 1.0 The E9-J tool is suitable for the termination of the following Scotchlok connectors:

211, UAL, UB2A, UB2A-D, UCC, UG, UP2, UP3, UPB, UPC, UR, UR2, UR2-D, UY, UY2, UY2-D, and UYF

### 2.0 Instructions for use with Scotchlok connectors UAL, UCC, UP2, UP3, UPC, UR, UR2, UR2-D, UY, UY2, UY2-D, and UYF

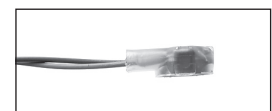
2.1 Insert the trimmed wire ends into the connector. Do not strip the wires. Make sure all wires are inserted past the metal element to the back wall of the connector.



2.2 Place the connector between the jaws of the E-9J tool, cap side down. Make sure the wires remain fully inserted to the back wall of the connector. Rest the connector against the step in the back wall of the crimping jaws and squeeze the handles of the E-9J tool.



2.3 Complete termination of the connector is achieved by full closure of the tool handles until the connector cap remains flush with the rim of the connector body when the tool is released.

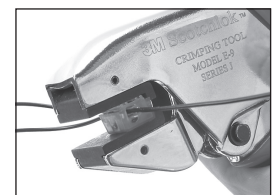


### 3.0 Instructions for use with Scotchlok connectors UB2A, UB2A-D, UG, and UPB

3.1 Insert the run wire into the open side of the connector and the tap wire into the wire port on the closed side of the connector. Do not strip the wire. Make sure the tap wire is inserted past the metal element to the back wall of the connector.



3.2 Place the connector between the jaws of the E-9J tool, cap side down. Make sure the run wire remains inside the connector body, and the tap wire remains inserted to the back wall of the connector. Rest the connector against the step in the back wall of the crimping jaws and squeeze the handles of the E-9J tool.



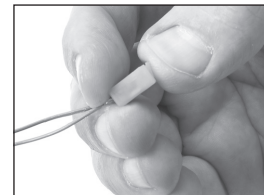
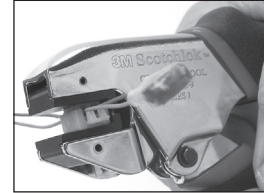
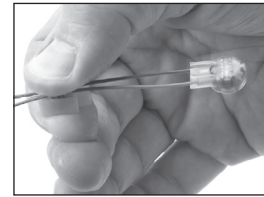
3.3 Complete termination of the connector is achieved by full closure of the tool handles until the connector cap remains flush with the rim of the connector body when the tool is released.





## 4.0 Instructions for use with 3M™ Scotchlok™ Connector 211

- 4.1 Insert the wires into the sides of connector, with the trap door flap toward the connector to be cut out. Pre-crimp the 211 connector by squeezing it with your fingers. Position the connector by sliding it up or down the conductors.
- 4.2 Place the connector between the jaws of the 3M Scotchlok Crimping Tool E-9J. Ensure the wires remain located within the body of the 211 connector. Rest the connector against the step in the back wall of the crimping jaws and squeeze the handles of the E-9J tool.
- 4.3 Complete termination of the connector is achieved by full closure of the tool handles until the connector cap remains flush with the rim of the connector body when the tool is released and the separated conductors are easily removed from the end of 211 connector body.
- 4.4 Close trap door flap to retain sealant material within the connector.



## 5.0 Care and Maintenance

- 5.1 Remove grease, dirt and other contaminants with a clean brush or soft lint free cloth. Do not use objects or materials that may damage the tool or tool handle grips.
- 5.2 Protect internal linkages, pivot points, and bearing surfaces with a thin coat of light weight oil. Wipe off any excess oil and return tool to the supplied tool pouch. Store the tool and pouch in a clean, dry location.

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### Important Notice

3M Scotchlok connectors and tools are engineered to work together to achieve consistently superior performance in the field. Tools from other manufacturers may not meet the tight quality tolerances of 3M tools and can damage the crimping and performance of a 3M connector. Therefore, the published 3M warranty does not extend to any 3M connectors crimped in tools not made by 3M. The warranty on 3M Scotchlok splicing tools can also be voided if used on non-3M connectors.

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