

THEXTON

DEUTSCH WIRE REPLACEMENTS PARTS KIT INSTRUCTION MANUAL PART NUMBER THX508RPL



THEXTON MANUFACTURING COMPANY
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EDINA, MN
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Deutsch Wire Replacement Parts Kit

Part NO. 508RPL

This kit is used to replace defective Deutsch terminals. Included in this kit are all of the necessary wires, terminals, butt splices, and heat shrink to repair most damaged Deutsch circuits. Thexton part number 508 is the Deutsch Jumper Wire Test Kit and is used to test circuits while the terminals are still in the connector. If a terminal is deemed defective simply remove the terminal using the correct terminal release tool provided in the 508 Kit, cut the defective wire off, and splice in a new wire using the parts provided in the 508RPL kit. The next page describes how to perform the splice and heat shrink procedures.

Below is a list of replacement parts available for purchase if needed.

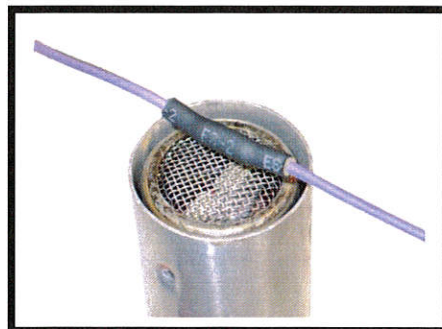
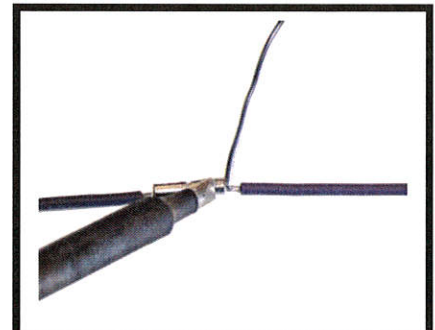
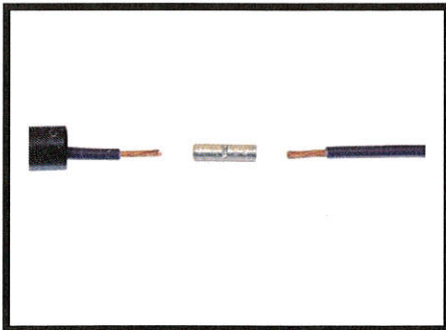
PART NUMBER	DESCRIPTION
50805	Set of (5) 14 Ga. Deutsch Female Pigtails
50806	Set of (5) 14 Ga. Deutsch Male Pigtails
50807	Set of (5) 16 Ga. Deutsch Female Pigtails
50808	Set of (5) 16 Ga. Deutsch Male Pigtails
50809	Set of (5) 20 Ga. Deutsch Female Pigtails
50810	Set of (5) 20 Ga. Deutsch Male Pigtails
50811	Set of (20) 14-16 Ga. Butt Splices
50812	Set of (10) 18-22 Ga. Butt Splices
50813	Set of (20) Heat Shrink Tubing

Connector Maintenance

Never attempt to insert the probe of the test meter lead into the pin sockets, rather touch the probe to the face of the pin. Damage to the socket will result and may cause intermittent open connections. When cleaning connectors that have corrosion or moisture problems, use a fast drying, ozone-safe contact cleaner. For best results, use a cleaning brush with stainless steel bristles to remove the corrosion. Flush with contact cleaner until clean. Make sure sockets are dry before reassembly. Compressed air is acceptable to use if contact cleaner is not available.

Splice and Heat Shrink Procedures

See detail of the splice, solder, and heat shrink operation here. Remove the slugs from the pigtail, put the heat shrink on the wire and insert wires into the splice and then solder. Heat the splice with the solder gun until the solder flows around the wire and into the splice. Use an appropriate heat source and heat the heat shrink until the sealer starts to flow out of the heat shrink cover.



NOTES: