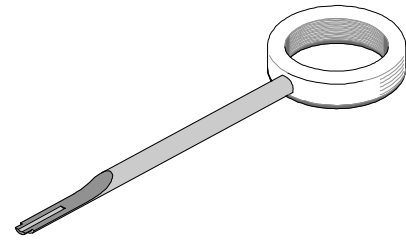




**Insertion
Tool**

**Application Tooling
Specification Sheet**



Order No. 63812-0800

FEATURES

- This Insertion tool is used for insertion of Micro-Fit 3.0™ series crimp terminals in plug and receptacle housings. This tool is designed to assure proper seating of terminals and reduce operator fatigue

SCOPE

Products: Micro-Fit 3.0™ and CRC™ (Compact Robotic Connectors) Male and Female Crimp Terminals, 20-30 AWG.

Description	Terminal Series No.	Housings Series No.	Terminal Order No.				
Micro-Fit 3.0™ Crimp Terminal 20-30 AWG	43030	43025 43645 44133	43030-0001	43030-0002	43030-0003	43030-0004	43030-0005
			43030-0006	43030-0007	43030-0008	43030-0009	43030-0010
			43030-0011	43030-0012	43030-0051	43030-0052	43030-0053
			43030-0054	43030-0056	43030-0057	43030-0058	43030-0059
			43030-0080	43030-0081	43030-1001		
	43031	43020 43640 44300	43031-0001	43031-0002	43031-0003	43031-0004	43031-0005
			43031-0006	43031-0007	43031-0008	43031-0009	43031-0010
			43031-0011	43031-0012	43031-0016	43031-0017	43031-0018
			43031-0019	43031-0021	43031-0051	430310052	430310053
			43031-0057	43031-0059	43031-0102	43031-0103	43031-0106
Micro-Fit 3.0™ High Force Crimp Terminal 20-24 AWG	44372	43025 43645 44133	44372-0002	44372-3606			
Micro-Fit 3.0™ High Force Crimp Terminal 20-30 AWG	45773	43640	45773-0001	4577-0002	45773-0003	45773-0004	45773-0005
CRC™ Crimp Terminal 18-28 AWG	56116 56117 56118 56119	52133 51234	56116-8228	56116-8328			
			56117-8228	56117-8328			
			56118-8228	56118-8328			
			56119-8228	56119-8338			
	56120 56121	51238 51239	56120-8428	56120-8528	56120-8628	56120-8728	
			56121-8428	56121-8528	56128-8628	56120-8728	

OPERATION (Micro-Fit™ Terminals):

Individual terminals may be inserted in the housing using this Insertion tool.

1. To properly use this tool, with the flat side facing up, place the wire in the groove of the tool so that the terminal is touching the end of tool. See Figure 1.

2. With your index finger securely holding the wire in the groove, push the terminal into the housing as far as the shoulder on the tool will permit. The terminal then should be locked in place.

Optional: The terminal can be partially inserted in the terminal housing first, and then the Insertion tool can be used to firmly seat the terminal.

OPERATION (CRC™ Terminals):

Individual terminals may be inserted in the housing using this Insertion tool.

1. To properly use this tool, with the flat side facing up, place the wire in the groove of the tool so that the terminal is touching the end of tool. See Figure 2 and 3.
2. Make sure the locking tabs of the terminal are parallel with the flat surface on the tool tip. This will assist in orienting the tool to the connector housing.
3. Orient the tool relative to the housing as shown (note the orientation of the tool's flat surface compared to the housing orientation). With your index finger securely holding the wire in the tool groove, push the terminal into the housing until it clicks in place.

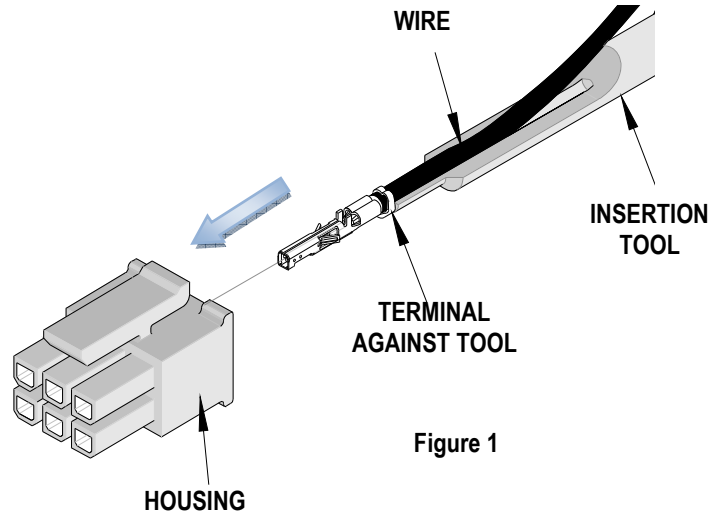


Figure 1

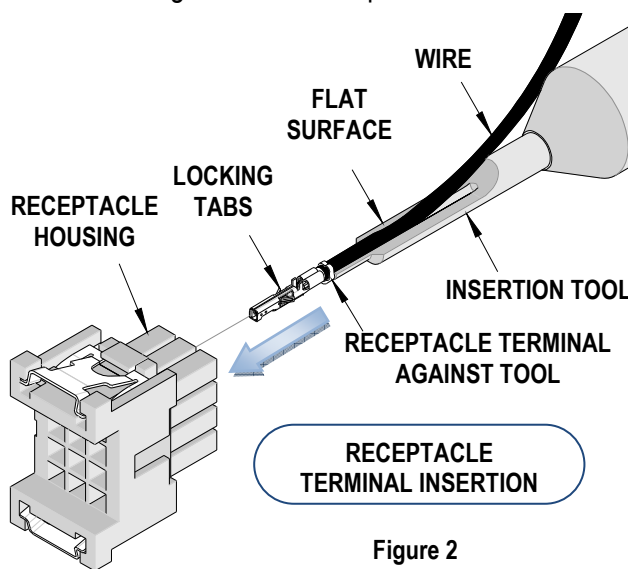


Figure 2

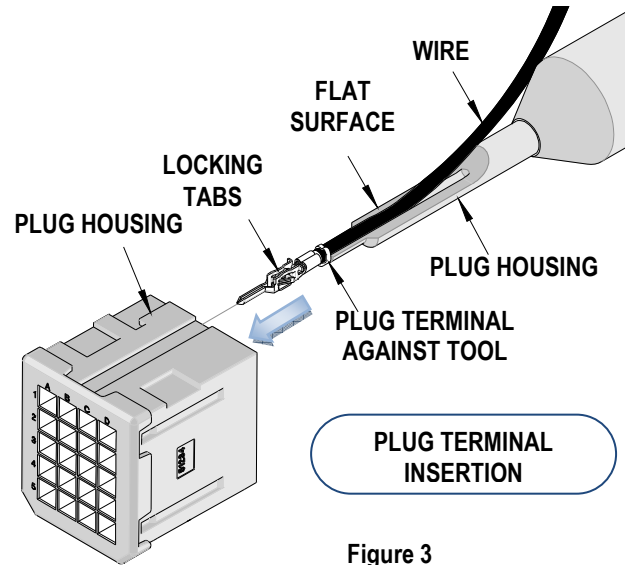


Figure 3

Optional: The terminal can be partially inserted in the terminal housing first, and then the Insertion tool can be used to firmly seat the terminal.

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