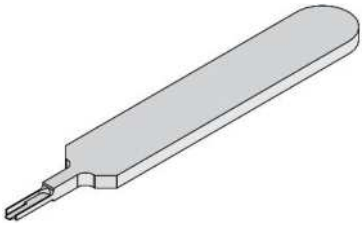
Order Number
200222-1400

molex

Application Tooling Specification



FEATURES

- This tool extracts Nano-Fit Plug crimped terminals from their housings

SCOPE

Products: Nano-Fit Plug Crimp Terminals, 24-26 AWG Wire.

Terminal Series No.	Terminal Order No.				Housing Series No.
201447	201447-1100	201447-1200	201447-1300	201447-1400	200277 and 201444
	201447-1600	201447-1800	201447-2100	201447-2200	
	201447-2300	201447-2400	201447-2600	201447-2800	

OPERATION

1. Remove the TPA from housing before using the extraction tool.
2. Position the extraction tool as shown in Figure 1.

3. Insert the extraction tool into the front of the connector housing. See Figure 2. The extraction tool should lightly rest on top of the nose of the terminal, as shown in Figure 3. Make sure that the terminal nose is straight in the housing.

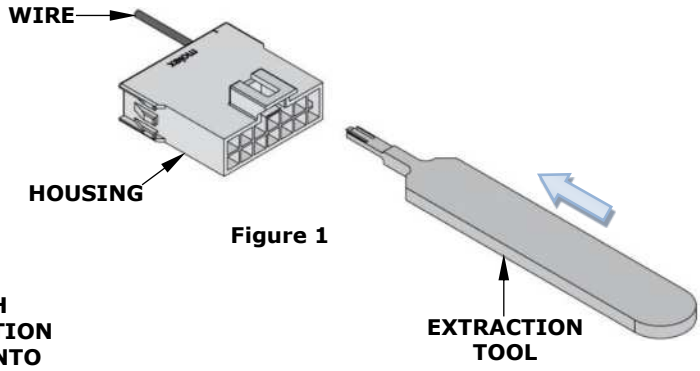


Figure 1

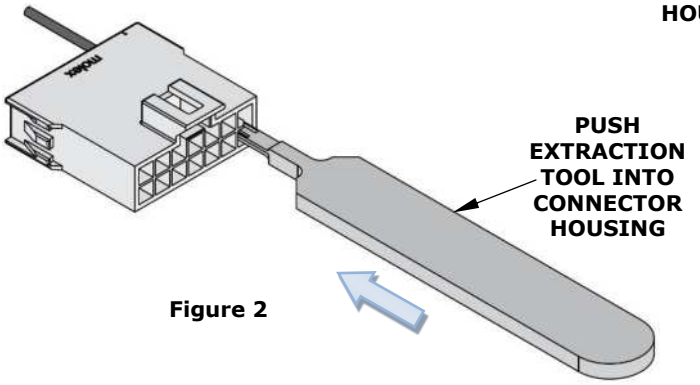


Figure 2

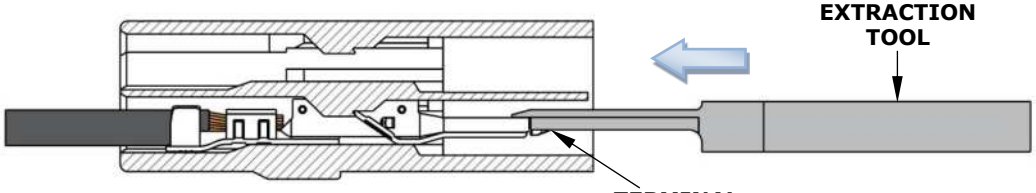


Figure 3

4. The extraction tool arms will fit into grooves inside of the housing. See Figures 4 and 5.

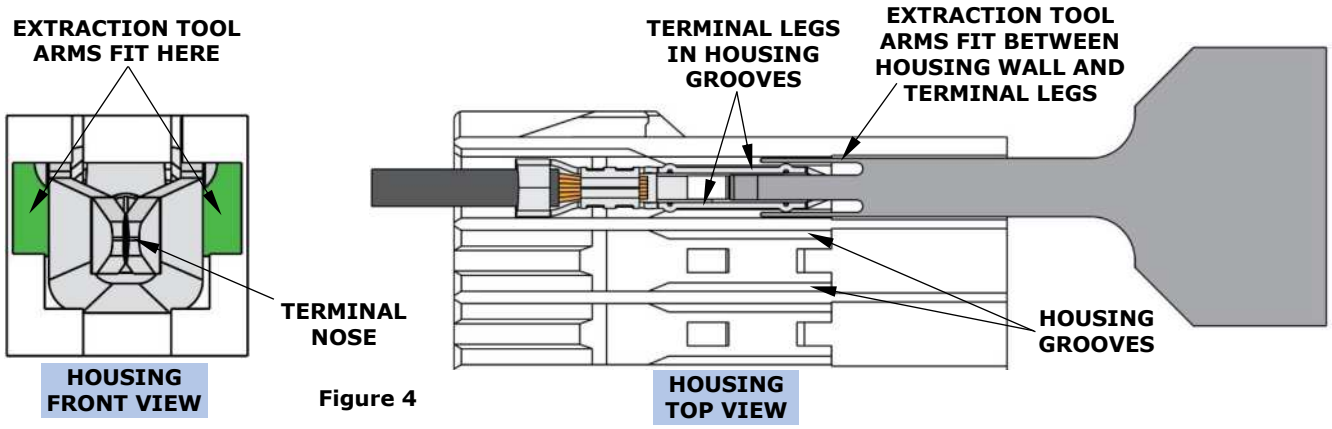


Figure 4

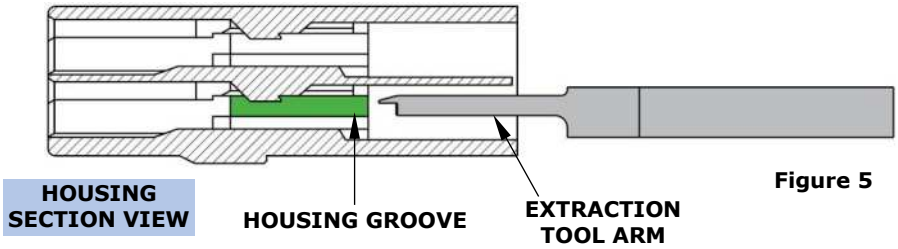


Figure 5

5. Once the side arms of the extraction tool are seated in the housing grooves, continue pushing the extraction tool into the housing. Insert the extraction tool until it bottoms out on the front of the housing. Note: It may require more force once the extraction tool has been inserted past the thickness of the extractor.

6. There is a locking tab on the terminal that secures it inside the connector housing. When the extraction tool is fully seated in the connector housing, it will depress the locking tab. See Figure 6. Be sure to keep the extraction tool straight at all times.

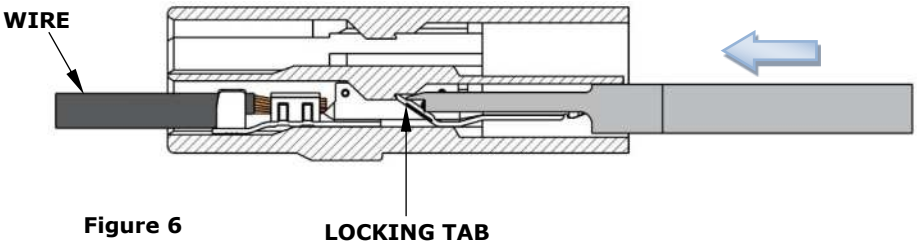


Figure 6

7. Hold the connector housing and extraction tool with one hand and carefully remove the terminal from the housing. It may be necessary to gently pull on the wire to remove the terminal. See Figures 7 and 8.

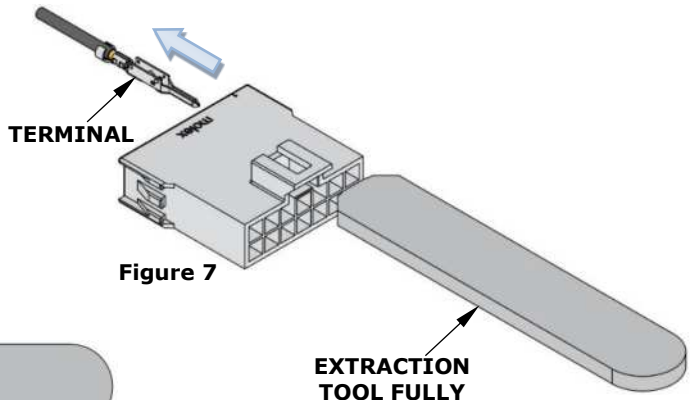


Figure 7

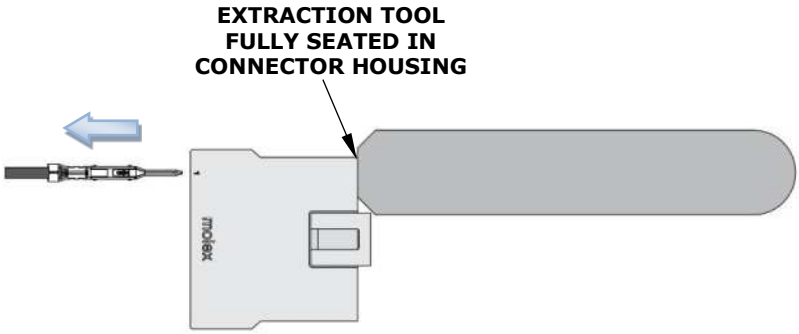


Figure 8

CAUTION: This extraction tool should be used to extract the terminal only. Using it for unintended purposes may cause injury or damage to parts. Be careful not to deform the end of the terminal.

CAUTION: Molex specifications are valid only when used with Molex terminals, applicators and tooling.

Molex does not offer repair parts for extraction tools due to the inexpensive nature of these tools.

Application Tooling Support

E-Mail: toolingsupport@molex.com
Website: www.molex.com/applicationtooling

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