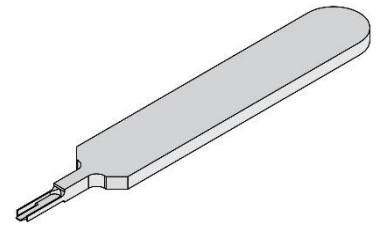**Order Number
200222-1400**

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	201447-1600	200277 and 201444

OPERATION

1. Position the extraction tool as shown in Figure 1.

2. 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.
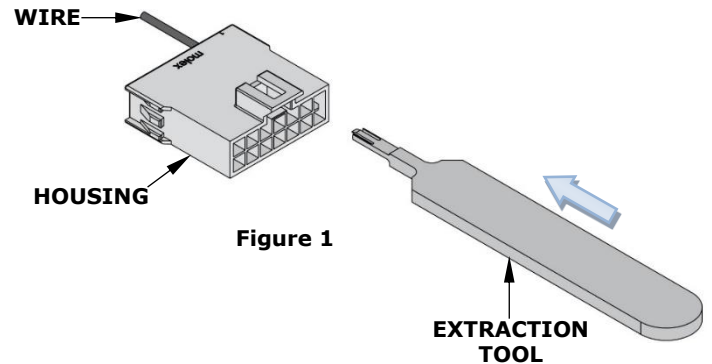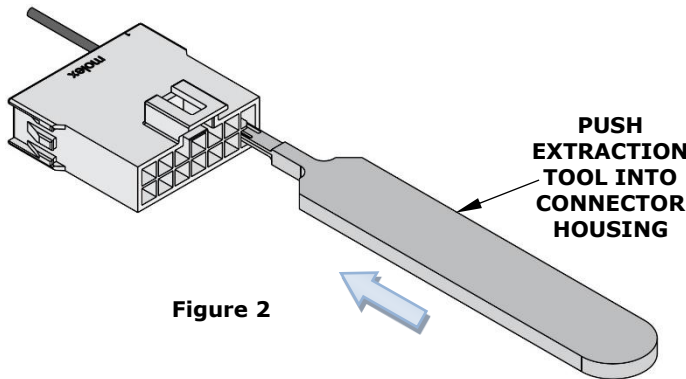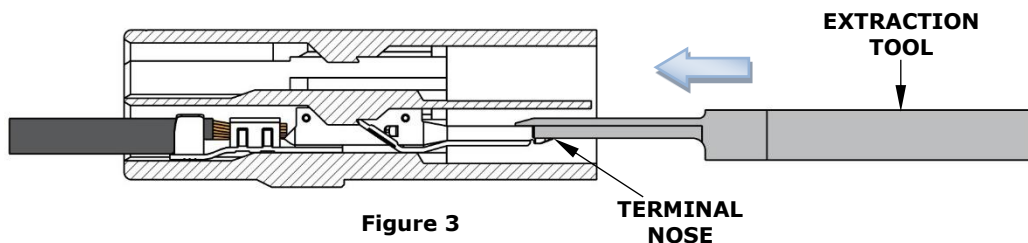
WIRE

HOUSING

Figure 1

EXTRACTION TOOL

PUSH EXTRACTION TOOL INTO CONNECTOR HOUSING
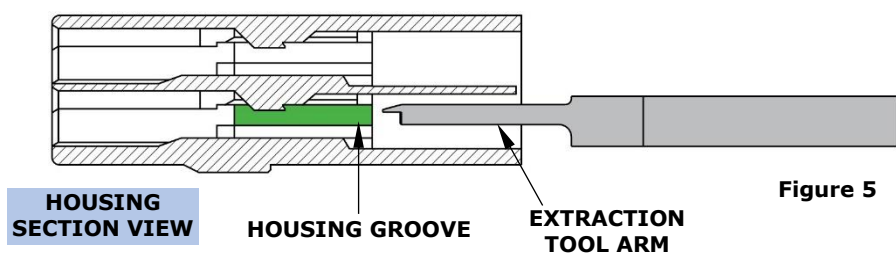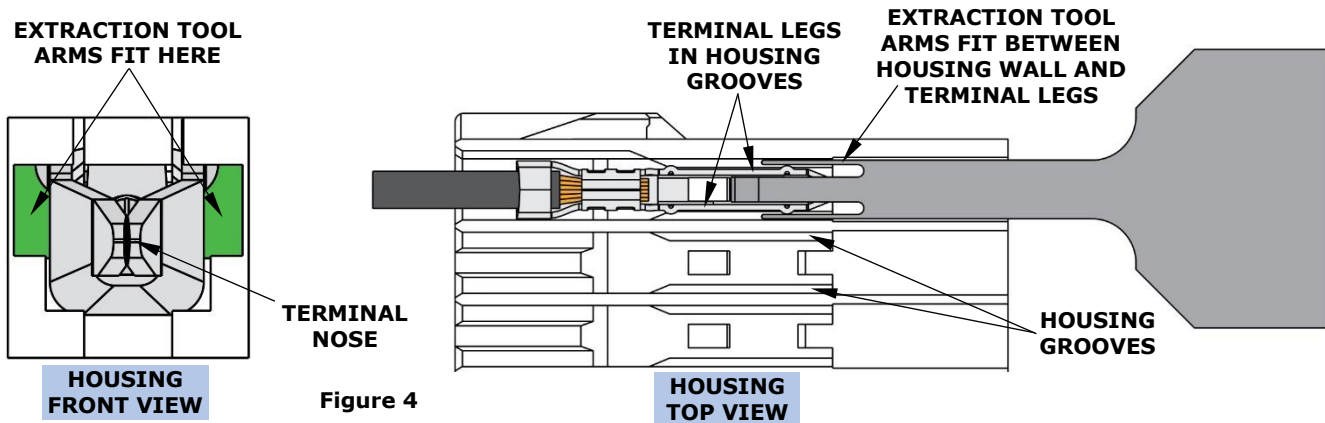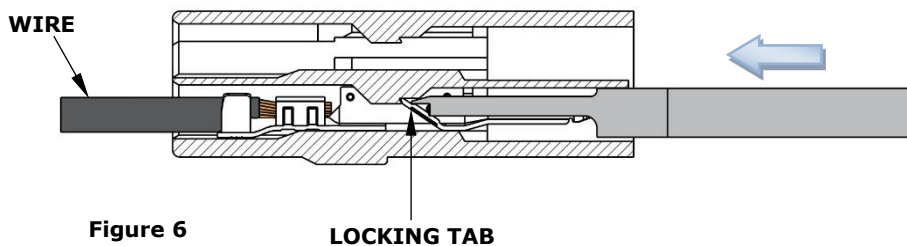
Figure 2

EXTRACTION TOOL

Figure 3

TERMINAL NOSE

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

EXTRACTION TOOL ARMS FIT HERE

TERMINAL LEGS IN HOUSING GROOVES

EXTRACTION TOOL ARMS FIT BETWEEN HOUSING WALL AND TERMINAL LEGS

TERMINAL NOSE

HOUSING FRONT VIEW

Figure 4

HOUSING TOP VIEW

HOUSING GROOVES

HOUSING SECTION VIEW

HOUSING GROOVE
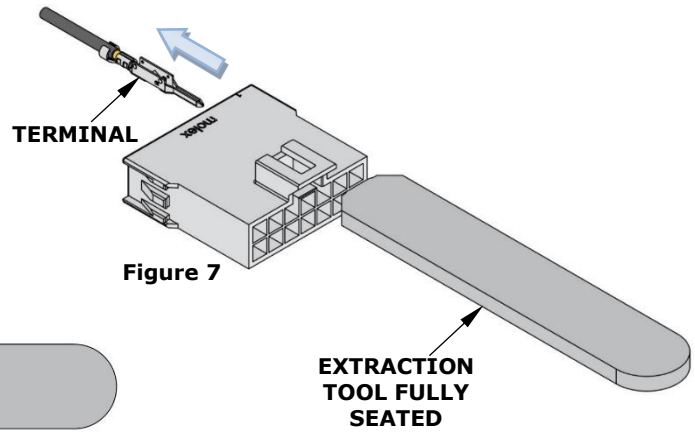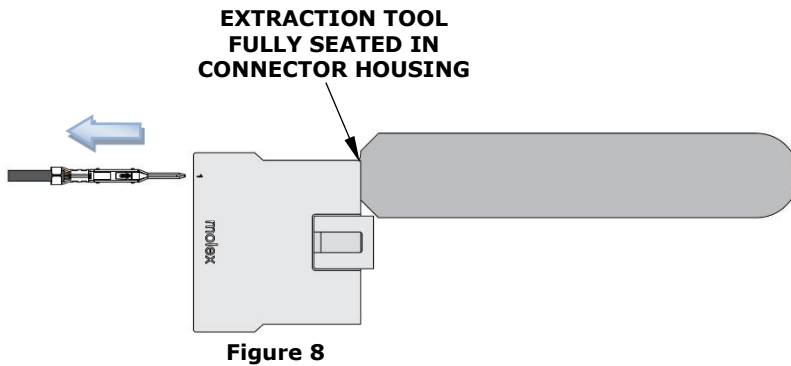
EXTRACTION TOOL ARM

Figure 5

4. 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.

5. 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.

WIRE

Figure 6

LOCKING TAB

6. 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.

TERMINAL

Figure 7

EXTRACTION TOOL FULLY SEATED

EXTRACTION TOOL FULLY SEATED IN CONNECTOR HOUSING

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

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