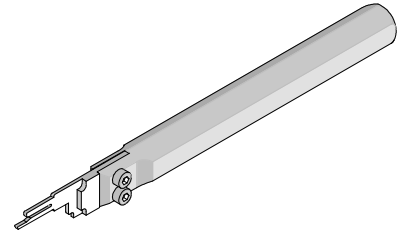**molex**®

Extractor Tool
Instruction Sheet
Order No. 63813-3800

FEATURES

▪ This Extractor Tool is for the removal of Crimp Terminals from plugs and sockets.

SCOPE

Products: Unsealed Connectors 2-6 Way.

Connector Series No.	Color	Connector Order No.					
98815	White	98815-1020	98815-1030	98815-1040			
	Black	98815-1021	98815-1031	98815-1041			
	Green	98815-1025	98815-1035	98815-1045			
	Grey	98815-1028		98815-1048			
98817	White	98817-1020	98817-1030	98817-1040	98817-2020	98817-2030	98817-2040
	Black	98817-1021	98817-1031	98817-1041	98817-2021	98817-2031	98817-2041
	Green	98817-1025	98817-1035	98817-1045	98817-2025	98817-2035	98817-2045
	Grey	98817-1028		98817-1048	98817-2028		98817-2048
98818	White	98818-1020					
	Black	98818-1021					
	Green	98818-1025					
	Grey						
98819	White	98819-1020					
	Black	98819-1021					
	Green	98819-1025					
	Grey						
98820	White	98820-1030	98820-1060				
	Black	98820-1031	98820-1061				
	Green	98820-1035	98820-1065				
	Grey		98820-1068				
	Brown	98820-1039	98820-1069				
98821	White	98821-1030	98821-1060				
	Black	98821-1031	98821-1061				
	Green	98821-1035	98821-1065				
	Grey		98821-1068				
	Brown	98821-1039	98821-1069				
98822	White	98822-0020	98822-0040	98822-0050	98822-1020	98822-1030	98822-1040	
	Black	98822-0021	98822-0041		98822-1021	98822-1031	98822-1041	98822-1051
	Green	98822-0025	98822-0045		98822-1025	98822-1035	98822-1045	
	Grey	98822-0028		98822-0058	98822-1028			
98824	White	98824-0010		98824-1010			
	Black		98824-0021	98824-1021			
	Green	98824-0015		98824-1025			
	Grey						
98825	White	98825-0060	98825-1060				
	Black	98825-0061	98825-1061				
	Green	98825-0065	98825-1065				
	Grey	98825-0068	98825-1068				
	Brown	98825-0069	98825-1069				

DESCRIPTION:

This Extractor Tool is for the removal of 2-6 Way Receptacle Terminals from 988xx Series plugs and sockets.

Figure 1

OPERATION:

For extracting a terminal from the Female connector (socket).

1. The secondary lock of the connector or socket will need to be unlocked before extracting the terminal. This is done by positioning the extractor tool on the opposite side of the hinge and pushing up on the cover. See Figure 2.
2. When the cover is open, push the wire of the crimped terminal forward in the arrow direction shown before using the Extractor Tool. See Figure 3.
3. Line up the terminal to be removed in the connector assembly with the tip of the Extractor Tool.
4. Insert and slide the Extractor Tool into the slot of the connector housing. Positioning it under the housing lock as shown in Figure 3.
5. Slide the Extractor Tool in the direction shown, lifting up the housing lock. While lifting the housing lock, push the terminal back through the connector slot and pull the terminated wire out in the arrow direction. See Figure 4.
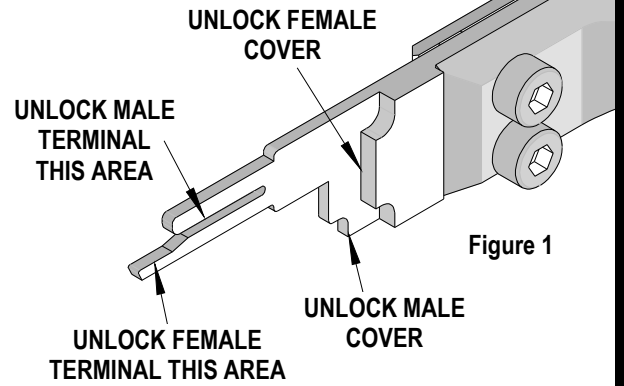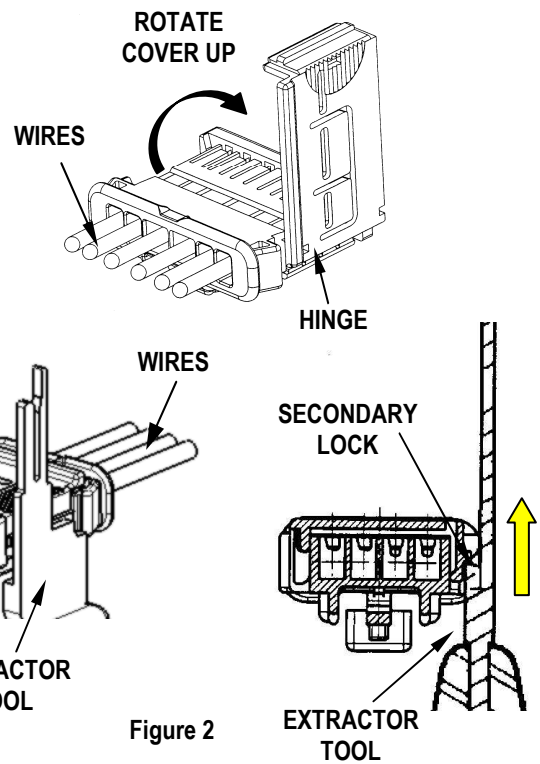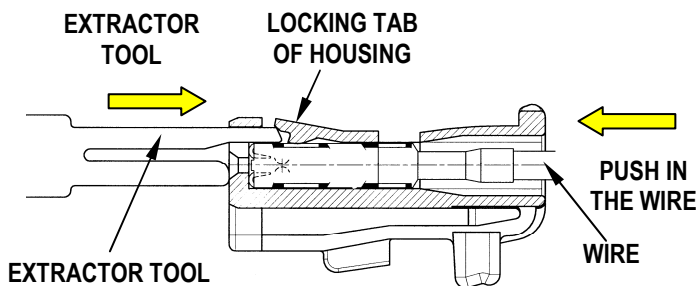

Figure 2

Figure 3

Figure4

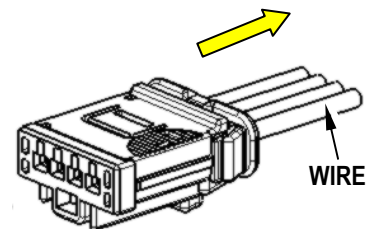### For extract a terminal from the Male connector (plug).

Some of the male connectors or plugs come with the cover called a TPA™; this TPA™ will need to be unlocked before extracting the terminals.

1. The secondary locks on both sides of the connector will need to be unlocked. Position the extractor tool under the TPA™ on one side as shown and push up on the TPA™ cover. Do the same to the opposite side of the TPA™. See Figure 5.
2. When the TPA™ is slid open, push the wire of the crimped terminal forward in the arrow direction shown before using the Extractor Tool. See Figure 6.
3. Insert and slide the Extractor Tool into the slot of the connector housing.
4. Line up the terminal to be removed between the blades of the extractor tool inside the connector assembly.
5. Position the extractor tool under the housing lock as shown in Figure 6.
6. Slide the Extractor Tool in the direction shown pushing down the housing lock. While pushing the housing lock down, push the terminal back through the connector slot and pull the terminated wire out in the arrow direction. See Figure 7.
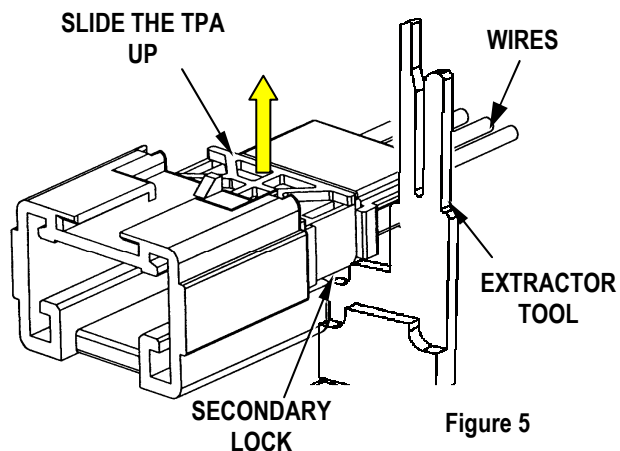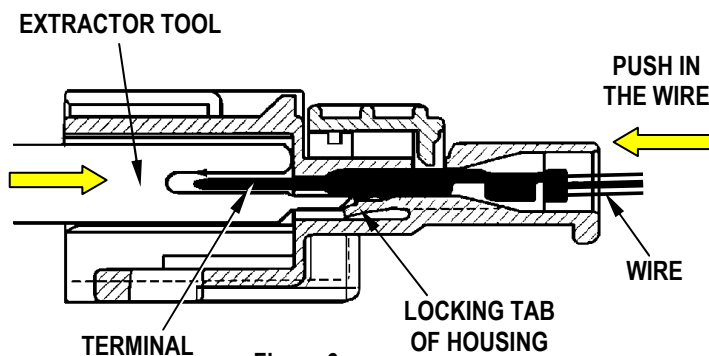
SLIDE THE TPA UP

WIRES

EXTRACTOR TOOL

SECONDARY LOCK

Figure 5

EXTRACTOR TOOL

PUSH IN THE WIRE

WIRE

TERMINAL

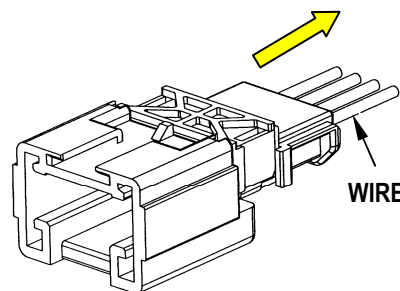**LOCKING TAB OF HOUSING**

Figure 6

WIRE

Figure7

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

> **CAUTION**: Molex specifications are valid only when used with Molex connectors and tooling.

Contact Information

For more information on Molex application tooling please contact Molex at 1-800-786-6539.