Extractor Tool	**molex**® **Application Tooling Specification Sheet**	
		Order No. 63824-2600
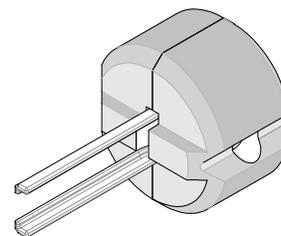
FEATURES

- This Extractor Tool is for the removal of a CTX150 Receptacle Crimp Terminal (502307 Series) from a CMX Connector (560065 Series).

SCOPE

**Products**: CTX150 Receptacle Crimp Terminal for CMX 55 and 65 Way Connector.

Terminal Series No.	Terminal Order No.					
502307	502307-0111	502307-0112	502307-0113	502307-0121	502307-0122	502307-0123
	502307-0211	502307-0212	502307-0213	502307-0221	502307-0222	502307-0223
	502307-1111	502307-1112	502307-1113	502307-1121	502307-1122	502307-1123
	502307-1211	502307-1212	502307-1213	502307-1221	502307-1222	502307-1223
	502307-2111	502307-2112	502307-2113	502307-2121	502307-2122	502307-2123
	502307-2211	502307-2212	502307-2213	502307-2221	502307-2222	502307-2223

TPA Latch

Before terminals can be extracted the TPA latch must be opened. Use the applicable extractor tool below:
For 55 Way Connectors see document ATS-638243300.
For 65 Way Connectors see document ATS-638243400.

Figure 1

TPA SECONDARY LOCKING LATCHES (BOTH SIDES)
SLOTS
TPA SECONDARY LOCK
SLOTS
EXTRACTOR TOOL

Figure 2

LOCKING LATCHES OPEN (BOTH SIDES)
TPA SECONDARY LOCK OPEN
EXTRACTOR TOOL
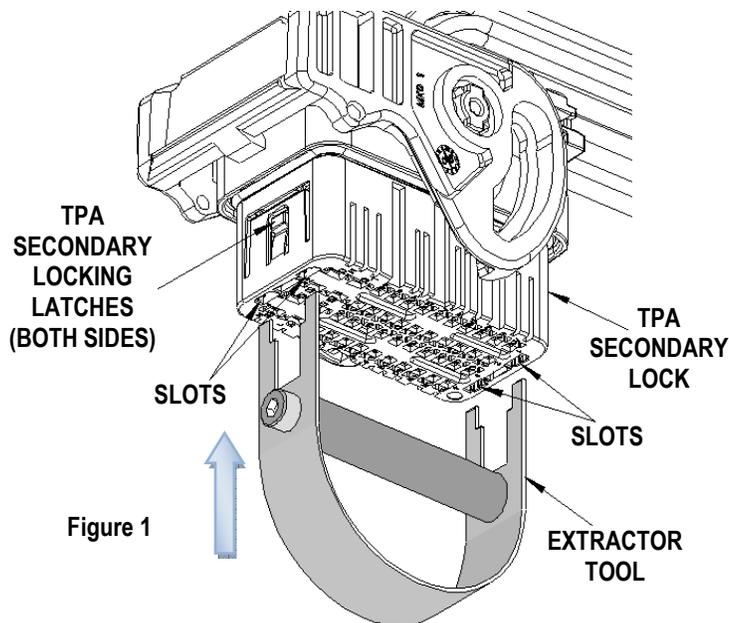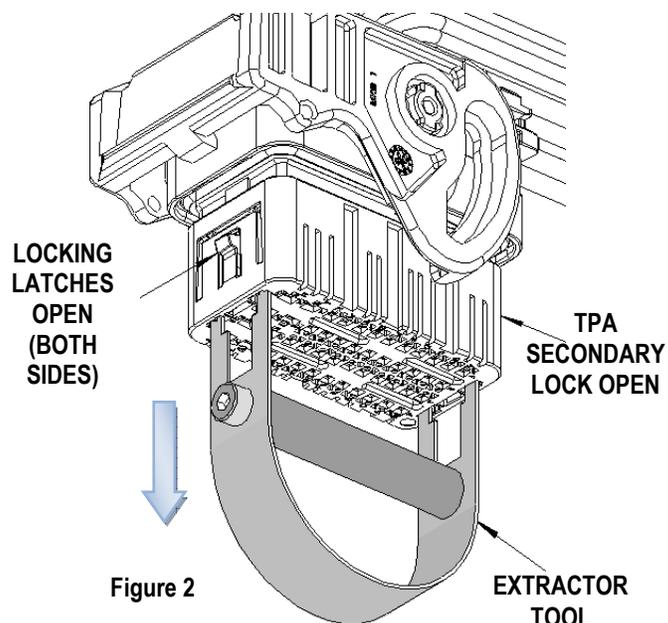
1. Insert the extractor tool into the (2) side slots of the (TPA) secondary lock on each sides until it stops. See Figure 1.
2. While keeping the extractor tool in this position pull down on the (TPA) secondary lock. The locking latches should be visible. See Figure 2.
3. Remove the extractor tool and check the position of the TPA.

OPERATION:

When removing a damaged crimped wire from the CMX connector follow the steps below:

1. Position the two blades of the extraction tool into the small slots in the front face of the housing as shown in Figure 3. Use the identifying markings on both the front and back of the connector to locate the opening used to extract the crimped wire.

ORIENTATE THE EXTRACTOR TOOL TO FIT INTO THE TWO SLOT PATTERN

WIRE

EXTRACTOR TOOL

CMX CONNECTOR

Figure 3

CRIMPED WIRE AND TERMINAL

Figure 4

PUSH EXTRACTOR TOOL INTO FRONT FACE

CMX HOUSING
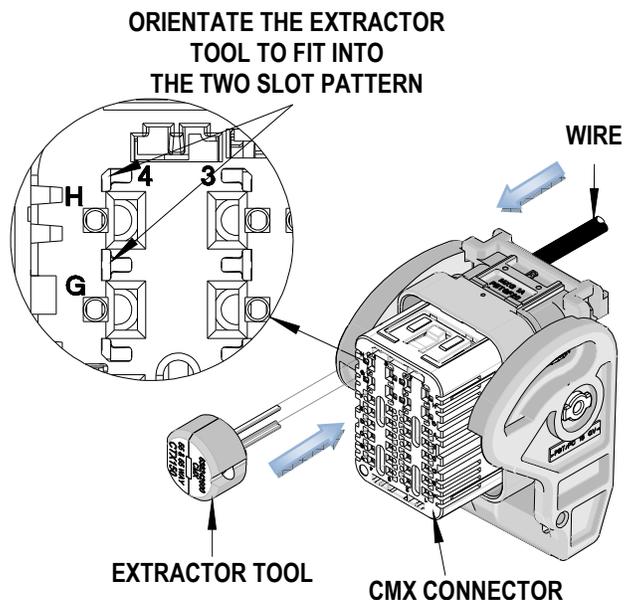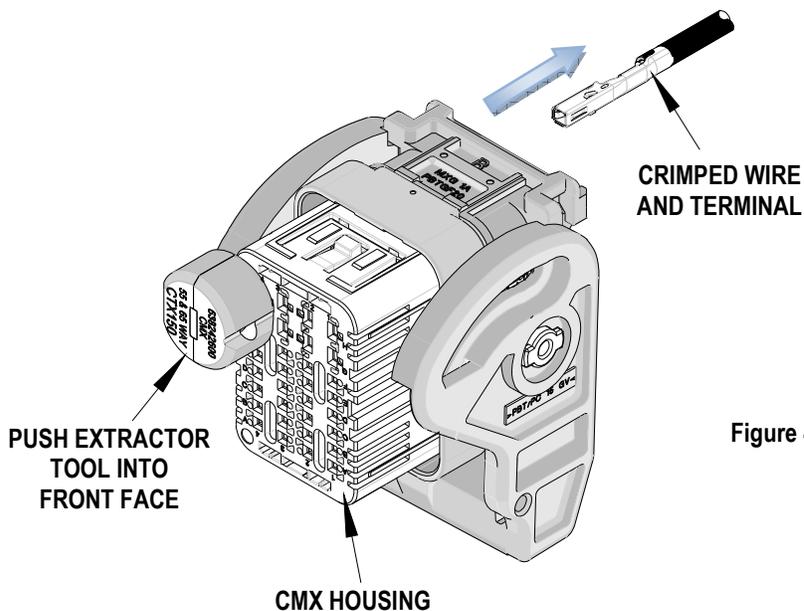
2. Push extractor tool into the desired slots until it clicks or comes to a stop. Do not force the extractor tool any further or there can be damage to the housing. See Figure 4.
3. Gently push the wire forward towards the housing and then pull out of the CMX housing.
4. Molex does not offer repair parts for Extractor Tools due to the inexpensive nature of these tools.

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