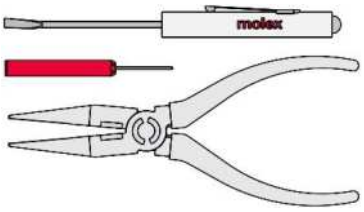
Order Number
200222-0700

molex®

Application Tooling Specification



FEATURES

- The 200222-0700 extraction tool kit is used on MX150 and MX150L connectors
- Convenient carrying bag contains extraction tool (63813-1500), pliers and screwdriver

SCOPE

Products: This extraction tool kit is intended to work with the following products:

Terminal Series No.	Description	Terminal Order Number					
19417	MX150L Male Terminals,14-22 AWG	19417-0011	19417-0024	19417-0025	19417-0026	19417-0027	19417-0028
		19417-0029	19417-0030	19417-0031	19417-0032	19417-0033	19417-0034
		19417-0047	19417-0048	19417-0049	19417-0050	19417-0051	19417-0052
		19417-0053	19417-0054				
19420	MX150L Female Terminals, 14-22 AWG	19420-0001	19420-0002	19420-0003	19420-0004	19420-0007	19420-0008
		19420-0009	19420-0010	19420-0011	19420-0012		
19431	MX150L Male Terminals, 8-12 AWG	19431-0001	19431-0015	19431-0016	19431-0017		
19434	MX150L Female Terminals, 8-12 AWG	19434-0001	19434-0002	19434-0003	19434-0004		
31296	MX150 Male Terminals, 14-22 AWG	31296-0004	31296-0008	31296-1004	31296-1008		
33000	MX150 Male Terminals, 14-22 AWG	33000-0001	33000-0002	33000-0003	33000-0004	33000-1001	33000-1002
		33000-1003	33000-1004				
33001	MX150 Female Terminals, 14-22 AWG	33001-2003	33001-2004	33001-2005	33001-2006	33001-2021	33001-2022
		33001-2023	33001-3003	33001-3004	33001-3005	33001-3006	33001-3021
		33001-3022	33001-3023	33001-4001	33001-4002	33001-4003	33001-4005
		33001-4021	33001-4022	33001-4023	33001-5001	33001-5002	33001-5003
		33001-5005	33001-5021	33001-5022	33001-5023		
33011	MX150 Male Terminals, 14-22 AWG	33011-0002	33011-0004	33011-0006	33011-0008	33011-1002	33011-1004
		33011-1006	33011-1008	33011-2001	33011-2002	33011-2003	33011-2004
		33011-3001	33011-3002	33011-3003	33011-3004		
33012	MX150 Female Terminals, 14-22 AWG	33012-2001	33012-2002	33012-2003	33012-2004	33012-2021	33012-2022
		33012-2023	33012-3001	33012-3002	33012-3003	33012-3004	33012-3021
		33012-3022	33012-3023				
34750	MX150 Female Terminals, 14-22 AWG	34750-0001	34750-0002	34750-0003	34750-0004	34750-1001	34750-1002
		34750-1003	34750-1004				
34081	MX150 Female Terminals, 14-22 AWG	34081-2003	34081-2004	34081-2005	34081-3003	34081-3004	34081-3005
		34081-4001	34081-4002	34081-4003	34081-5001	34081-5002	34081-5003
34083	MX150 Female Terminals, 14-22 AWG	34083-2001	34083-2002	34083-2003	34083-3001	34083-3002	34083-3003
34780	MX150 Female Terminals, 14-22 AWG	34780-0001	34780-0002	34780-0003	34780-0004	34780-1001	34780-1002
		34780-1003	34780-1004				
34781	MX150 Male Terminals, 14-22 AWG	34781-0004	34781-1004				
34782	MX150 Male Terminals, 14-22 AWG	34782-0001	34782-0002	34782-0003	34782-1001	34782-1002	34782-1003

OPERATION

For 19417, 19420, 19431, 19434, 33001, 33012, 34750, 34780, 34081 and 34083 Terminal Series:

Sealed Receptacle Assembly Serviceability

Use the following steps to remove terminals from the connector:

1. Before removing terminals, you must first return the TPA to the pre-lock position.
2. Identify the screwdriver slot on the TPA connector.
3. With the tip of the screwdriver in the screwdriver slot, slowly rotate the handle in the direction shown in the figure to the right. The screwdriver may come in contact with the connector housing as you move the TPA.
4. Continue moving the TPA toward the outside of the connector until you hear an audible click.
5. With the TPA in the pre-lock position, insert the extraction tool into the terminal release service hole.
6. Drive the extraction tool forward to release the terminal.
7. Pull the crimped terminal and wire from the rear of the connector.

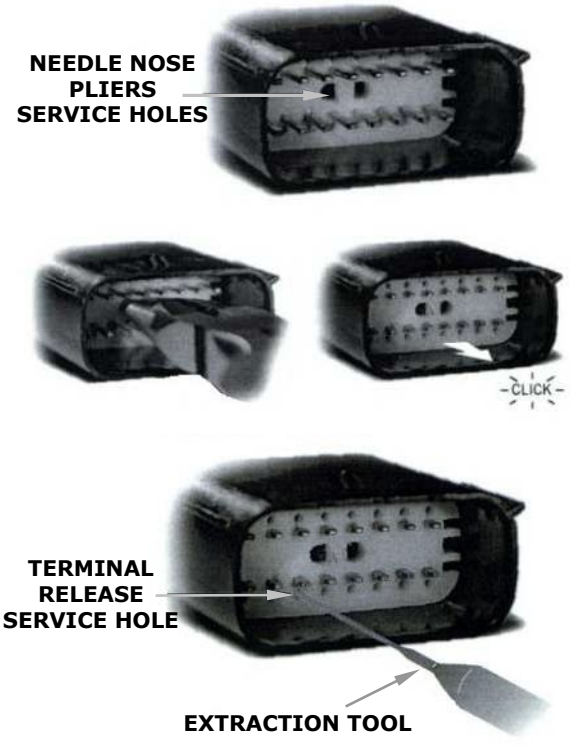


For 31296, 33000, 33011, 34781 and 34782 Series:

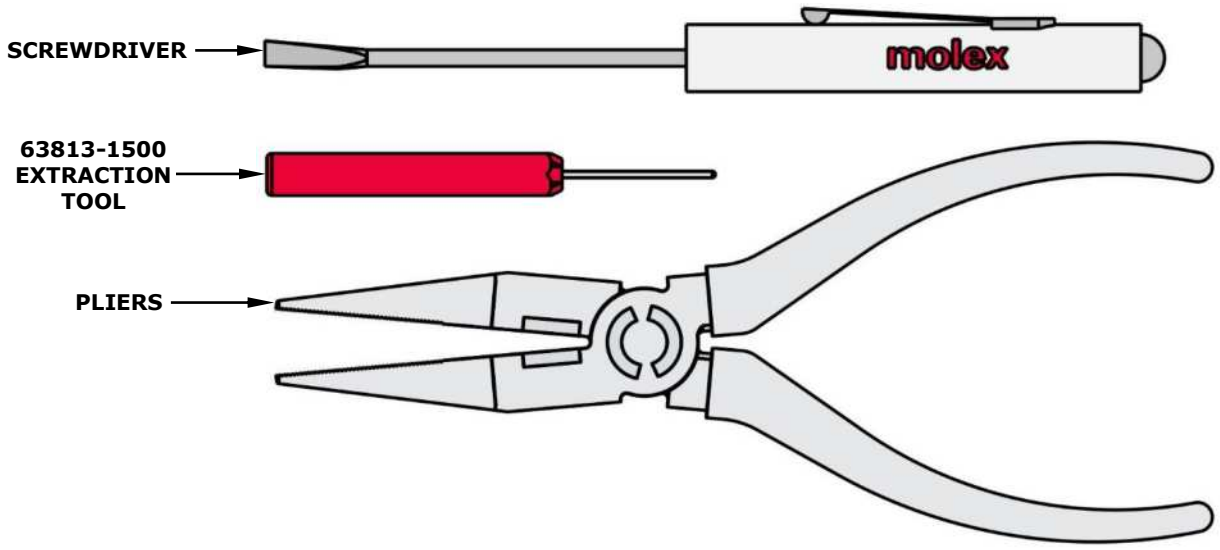
Sealed Blade Assembly Serviceability

Use the following steps to remove terminals from the connector:

1. Before removing terminals, you must first return the TPA to the pre-lock position.
2. Identify the service holes on the TPA connector.
3. Use the standard needle nose pliers to grip the connector.
4. While maintaining a firm grip, pull the TPA toward the outside of the connector until you hear an audible click.
5. With the TPA in the pre-lock position, insert the extraction tool into the terminal release service hole. Drive the extraction tool forward to release the terminal.
6. Pull the crimped terminal and wire from the rear of the connector.



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



CAUTION: This extraction tool kit should be used to extract the terminal only. Using it for unintended purposes may cause injury or damage to parts.

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

Application Tooling Support

Phone: (402) 458-TOOL (8665)
E-Mail: applicationtooling@molex.com
Website: www.molex.com/applicationtooling

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