

Ten50Power™ Plug Power Terminal Removal Tool Instruction Sheet Order No. 62100-6500



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FEATURES

- Removes a full row (five positions) of terminals per tool cycle.
- Use tool 62100-6400 for removing the plug or receptacle housing.
- Use tool 62100-6600 for removing the receptacle terminals.

SCOPE

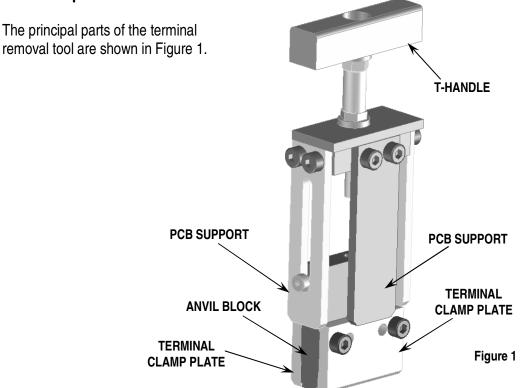
<u>Products</u>: Ten50Power[™] 2 row Mezzanine Plug (76546 series) Assembly. See Product List below for specific order numbers.

Product List

The following is a partial list of the product order numbers and their specifications that this tool is designed to run. Updates to this list are available on www.molex.com.

Connector Order Number	Description
76546-0002	Ten50Power™ 2 row Mezzanine Plug Assembly

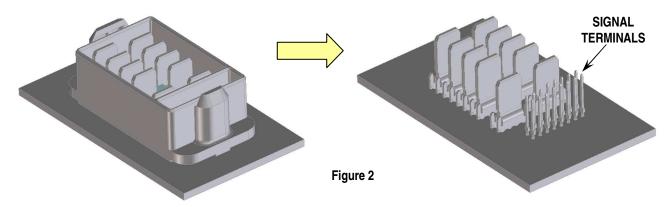
Tool Setup



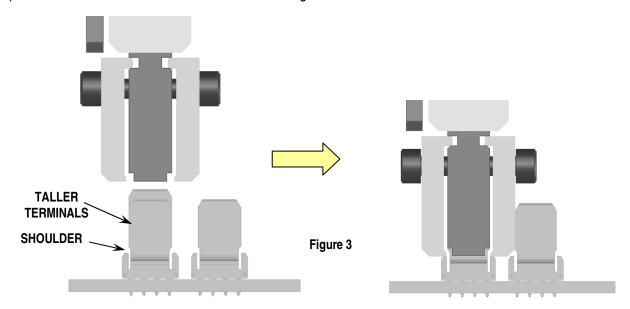
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Tool Operation

1. Remove the plug housing using Molex tool 62100-6400. The terminals will be exposed as shown in Figure 2.



- 2. Signal terminals will interfere with the terminal removal tool. Use a long-nose pliers to remove all signal terminals.
- 3. Turn the T-handle counterclockwise (CCW) until the clamp plates and anvil are fully down. See Figure 1 **NOTE**: the threaded shaft will disengage from the anvil block.
- 4. Using a 3mm hex wrench, loosen the two screws holding each clamp plate 1-1/2 turns. **NOTE**: If the screws are not loosened, the tool will not fit over the power terminals.
- 5. Move the clamp plates away from the anvil.
- 6. Position the tool over the row of the taller terminals.
- 7. Working from the top, move the anvil block and clamp plates down over the power terminals until the clamp plates rest on the shoulder of the terminal. See Figure 3.



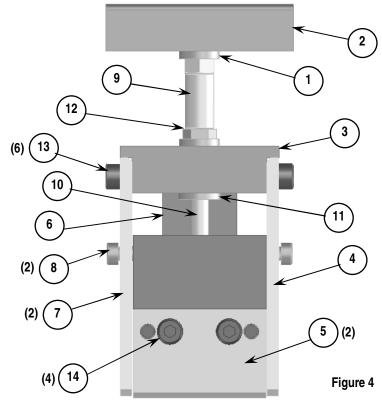
- 8. Tighten the screws holding the terminal clamp plates.
- 9. Turn the T-handle clockwise (CW) until the threaded shaft engages the anvil.
- 10. Continue turning the T-handle; the PCB supports will contact the PCB then the terminals will be pulled up.
- 11. When the terminals are free from the PCB, pull the tool straight up and away from the PCB.
- 12. Loosen the clamp plate screws and take the terminals out of the tool.
- 13. After terminals are removed, they cannot be reused and should be discarded or recycled.

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Parts List

Item	Order No	Description	Quantity	
	62100-6500	Power Terminal Removal Tool for Ten50Power™ Plug	Figure 4	
1	N/A	5mm Flat Washer	2**	
2	62100-6204	T-Handle	1	
3	62100-6501	Spacer Plate	1	
4	62100-6503	Anvil Block	1	
5	62100-6506	Terminal Clamp Plate	2	
6	62100-6507	Center Support	1	
7	62100-6508	Side Plate Guide	2	
8	63600-1937	Shoulder Screw	2	
9	63600-1959	Collar	1	
10	63600-1960	Stop Screw	1	
11	63700-4512	Retaining Washer	1	
12	N/A	M5 x 0.8 Jam Nut	1**	
13	N/A	M4 by 8mm long SHCS	6**	
14	N/A	M4 by 12mm long SHCS	4**	
	** Available from an industrial supply company such as MSC (1-800-645-7270).			

Assembly Drawing



Contact Information

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

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