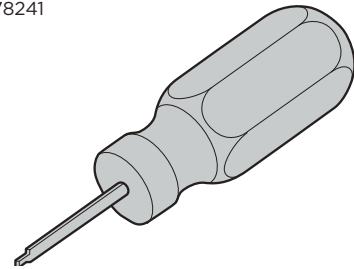


Applicable Tools

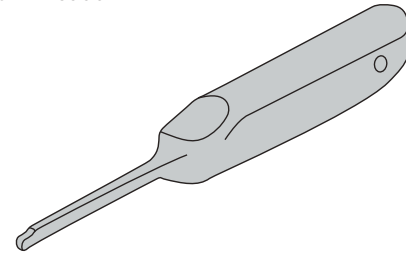
- Extraction Tool for D-1000 Series
Used to pull D-1000 from the housing

Part number 1891526-1
Manual: 411-78241

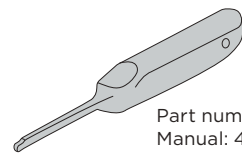


- Extraction Tool for D-2000 Series
Used to pull D-2000 contacts from the housing

Part number 1276716-1
Manual: 411-5900

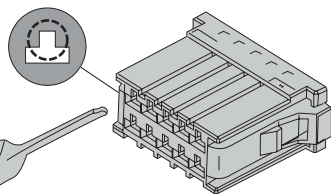


- Extraction Tool for D-3000 Series
wiring type tool for pulling the contact from the housing

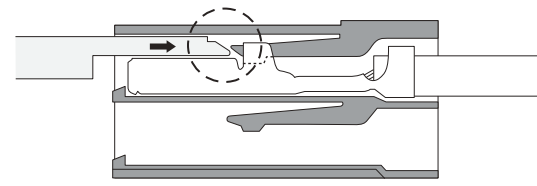


Part number 234168-1
Manual: 411-5726

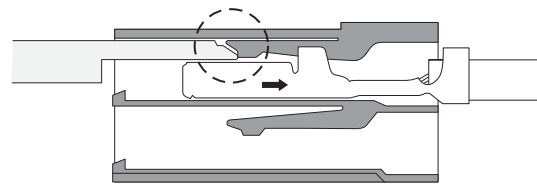
using the extractor



- (1) Extractor tool is inserted into the small, upper part of the convex hole in the housing as shown in the diagram (please hold the tool the right way up)



- (2) The tip of the tool lifts the housing lance and frees the contact

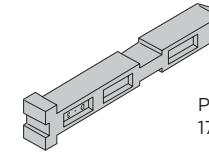


- (3) Contact can be withdrawn

* Take care not to insert into the Contact Section. If you have inserted by error, replace the damaged contact with a new one before proceeding.

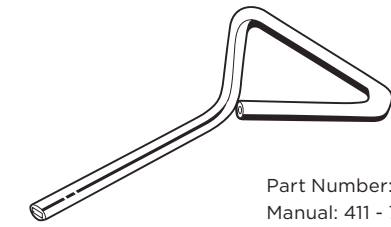
Applicable Tools

- Keying Plug for D-3000 Series
(used to prevent misinsertion)
Keying plug is used to preclude the possibility of contacts inserted in wrong directions when using connectors of the same size end-to-end.



Part Number:
175855 - 1

- Tab Contact Cutting Tool D-3000 Series

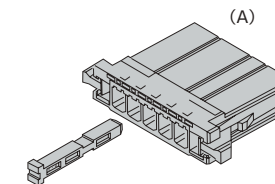


Part Number: 919041 - 1
Manual: 411 - 78047

How to use the plug and tool for the D-3000 Series

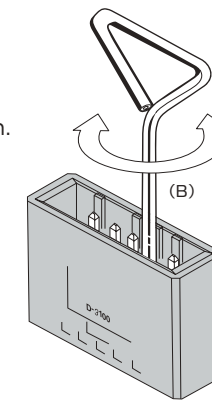
In addition, mis-insertion function keying has been installed from the beginning in some of the products (D-3100S/D-3100M/D-3200S/D-3200M)

- (1) The keying plug is inserted into the receptacle housing

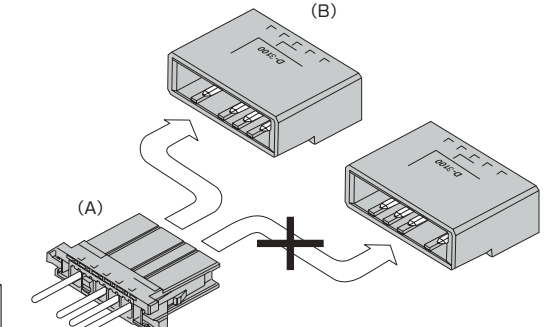


- (2) Wrench off a tab in the corresponding position of mating Tab Header and empty that position. To wrench off the tab, insert Cutting Jig into its root and turn tool as shown.

* In tab Housing (Panel/freehanging type), 1 pole is not inserted and is left free.



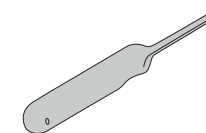
- (3) When using these, it is impossible to mis-insert



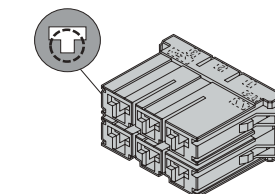
- Extraction Tool for D-5000 Series

Wiring type tool for pulling the contact from the tab / receptacle housing (between D-3 and D-5 the lance part is inverted, so please take care on insertion)
In D-5 contact only, pulling can be achieved with a small O-driver or awl

Part number 409158-1
Manual: 411-5774

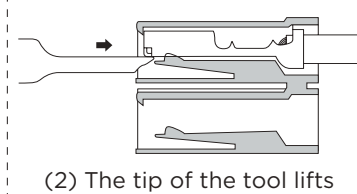


Using the Extraction Tool

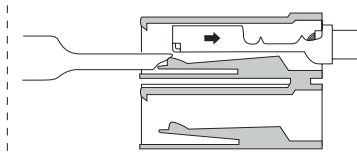


- (1) The pulling tool should be inserted into the narrow part of bottom, with convex hole in the housing as shown in the diagram.

If using the D-5 Extraction Tool

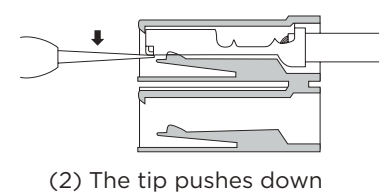


- (2) The tip of the tool lifts the housing lance and frees the contact

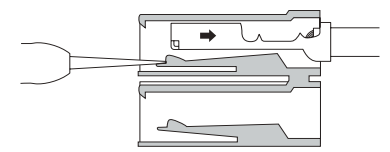


- (3) Contact can be withdraw

If using a small O-driver or awl



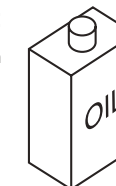
- (2) The tip pushes down the lance part and frees the contact



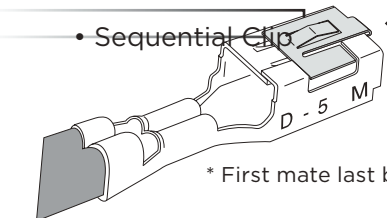
- (3) Contact can be withdraw

Please note that the contact cannot be inserted into the contact section. If you have inserted by mistake, please replace and use a new one.

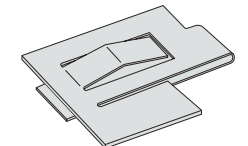
- Crimping Oil Model number: 939691-1. For easing the friction between tool and contact during crimping



- Sequential Clip



* First mate last break.



Part number 179993-1