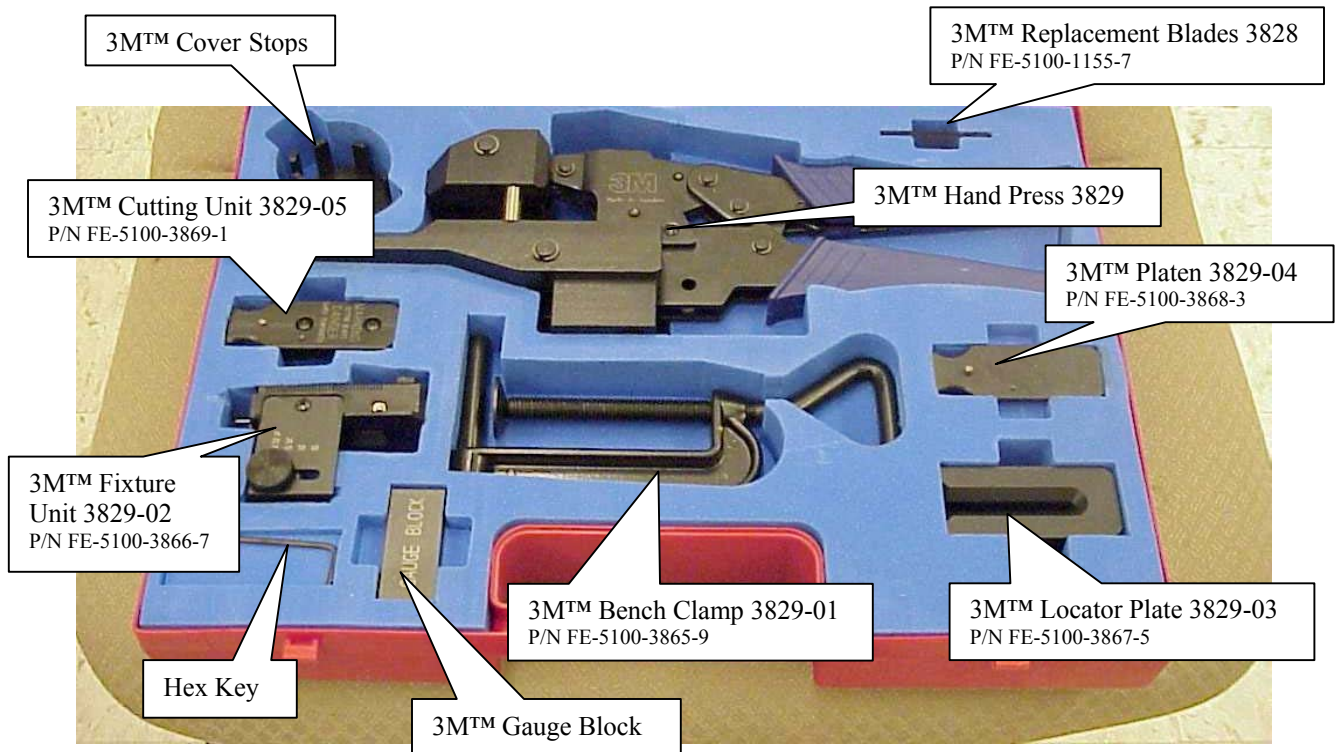




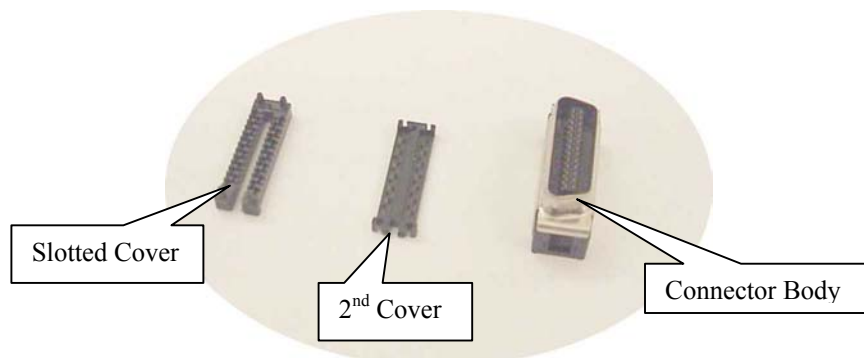
# MDR Hand Tool Kit 3829

Instructions for the assembly of 3M™ Plug Connector 101XX-6000XX Series onto 3M Round Jacketed Discrete Wire Cable 3600 or 3644 Series.

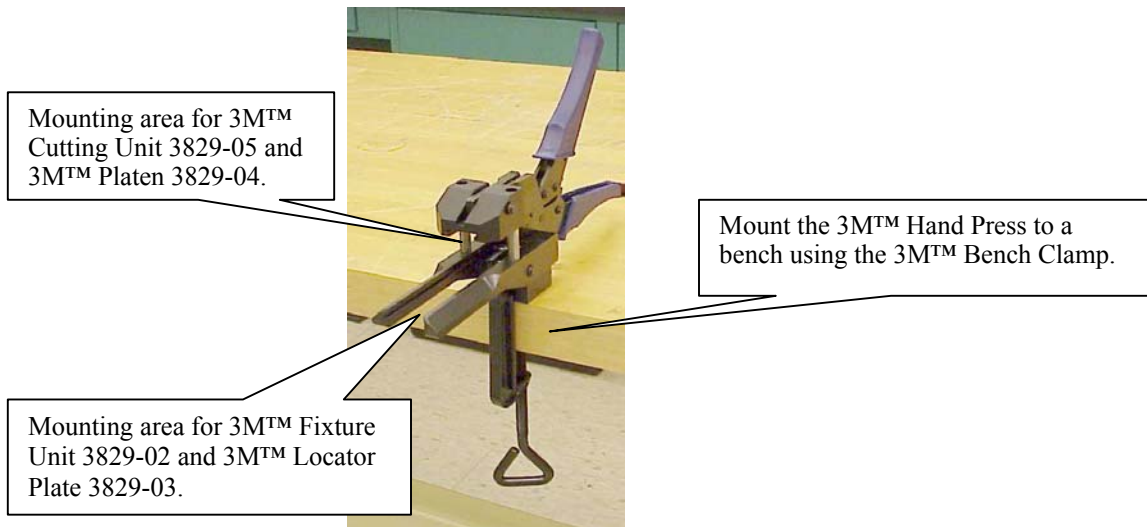
All items shown below are included in the basic unit of the 3M MDR Hand Tool Kit 3829, stock number FE-5100-0088-1.



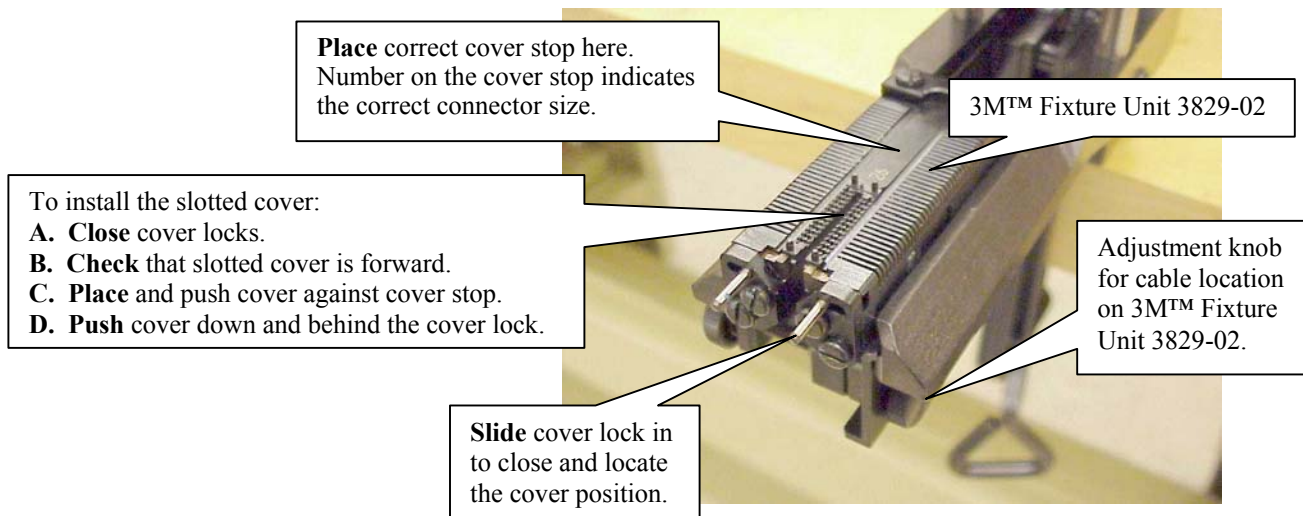
## 3M MDR Plug Connector 101XX-6000XX



## 3M™ MDR Hand Tool 3829 set-up



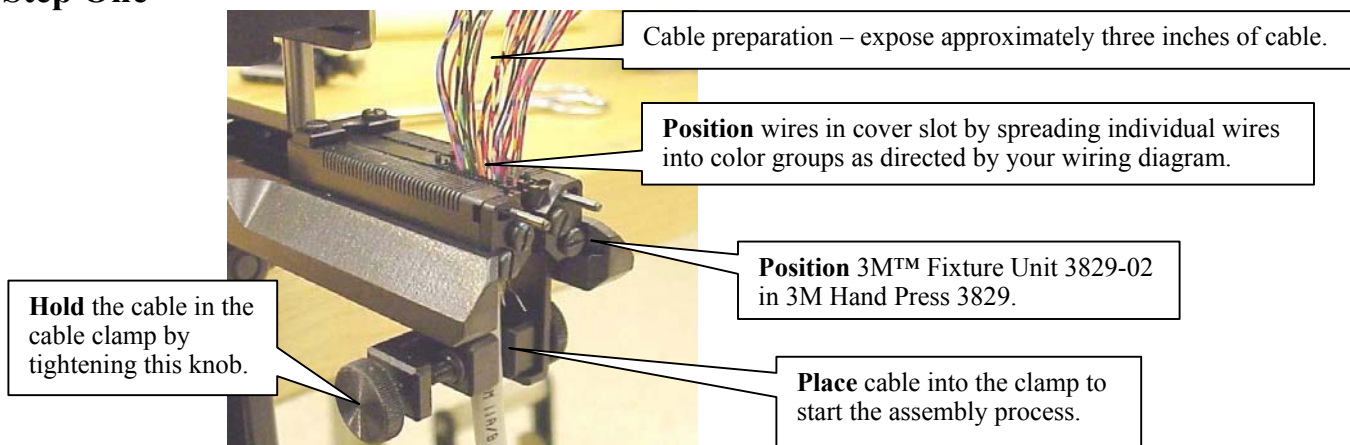
## Cover set-up and installation



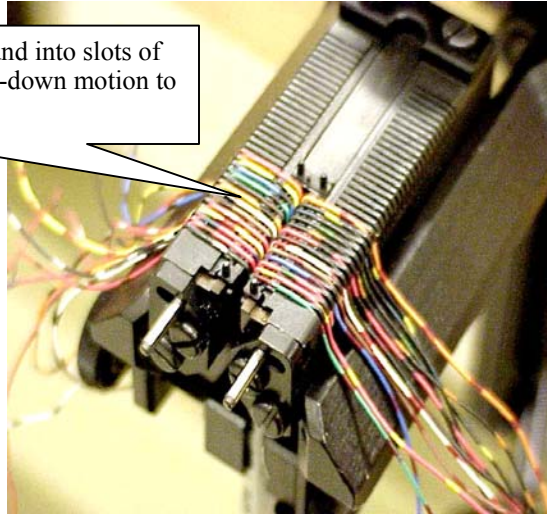
## Cable and Connector Termination

**Backshells** -- *remember to put them on.*

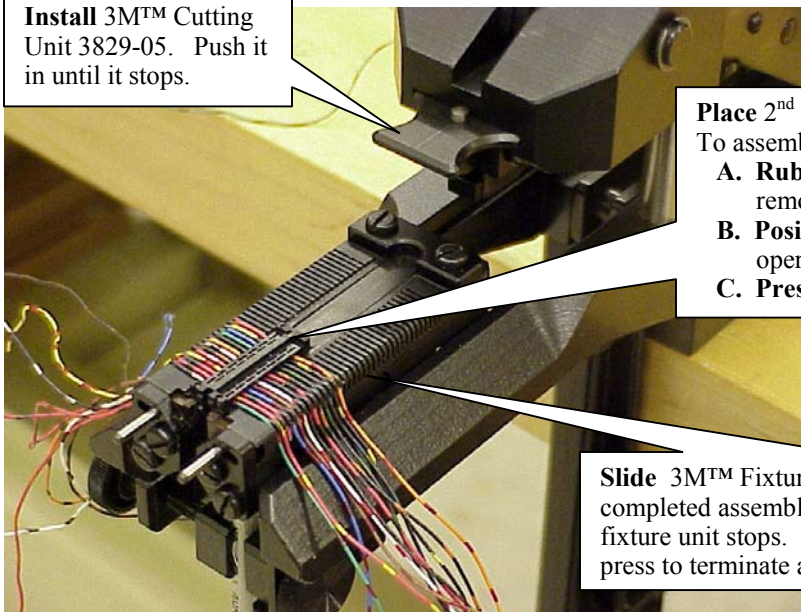
### Step One



**Place** wires over and through cover slots and into slots of 3M™ Fixture Unit 3829-03 with a pulling-down motion to hold wire in place.



**Install** 3M™ Cutting Unit 3829-05. Push it in until it stops.

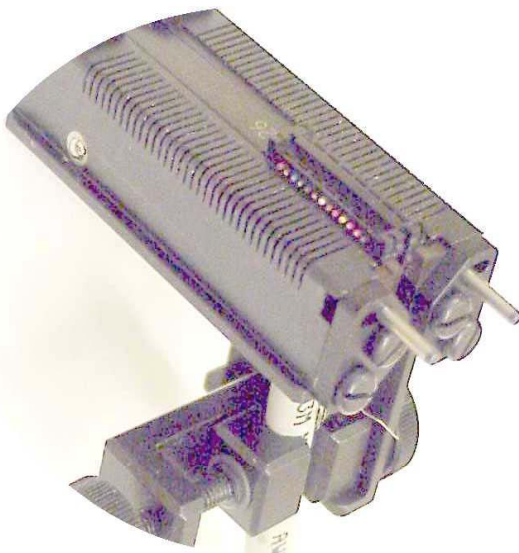


**Place** 2<sup>nd</sup> cover on top of 3M™ Slotted Cover Assembly. To assemble cover no. 2:

- A. Rub** paper liner to assure adhesive transfer, then remove paper liner.
- B. Position** notched end of cover no. 2 toward operator.
- C. Press** cover no. 2 onto assembly in fixture unit.

**Slide** 3M™ Fixture Unit 3829-02, with the completed assembly, into the hand press until the fixture unit stops. Close the handles of the hand press to terminate and trim the wires.

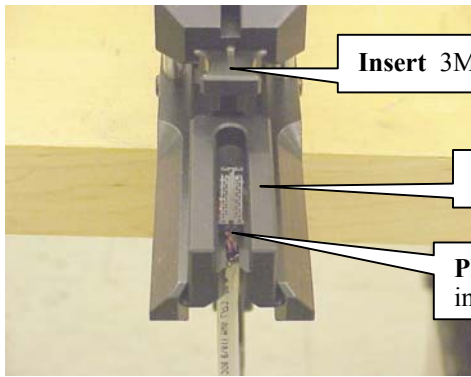
### Completed Assembly of the Two Covers and Cable



- A. Hold** down the assembly when removing the cut wires.
- B. Remove** assembly from 3M™ Fixture Unit.



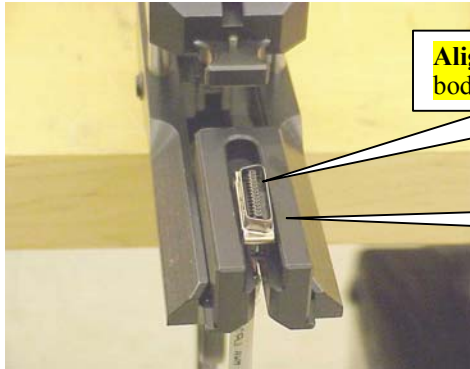
## Step Two



**Insert** 3M™ Platen 3829-04 until it stops.

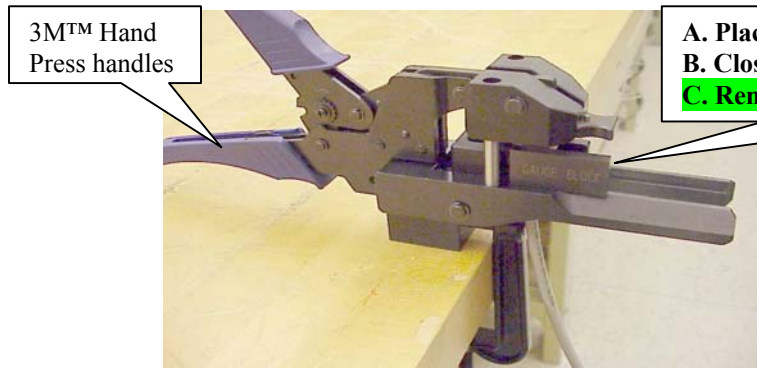
**Insert** 3M™ Locator Plate 3829-03.

**Place** completed two cover/cable assemblies into 3M™ Locator Plate 3829-03.



**Align** the orientation of the connector body and cover assembly.

**Slide** 3M™ Locator Plate 3829-03 into back stop of 3M Hand Press 3829.



3M™ Hand Press handles

**A. Place** 3M™ Gauge Block here.  
**B. Close** handles to complete connector termination.  
**C. Remove** harness. Termination is complete.

*All completed assemblies should be visually inspected.*

**For technical, sales, or ordering information, contact 3M at:**

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➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct     +86 (21) 6401-6692  
  
Email        amall@ameya360.com  
  
QQ            800077892  
  
Skype        ameyasales1 ameyasales2

➤ Customer Service :

Email        service@ameya360.com

➤ Partnership :

Tel            +86 (21) 64016692-8333  
  
Email        mkt@ameya360.com