

# Assembly Instructions

## HyperGrip® Plug

June 2023



*Do Not Discard, Deliver to Manufacturing.  
No Descartar, Entregar A Fabricación.  
Instructions De Montage, Ne Pas Jeter.  
Bitte nicht wegwerfen, bitte an die produktion weiter liefern.*

## Unshielded HyperGrip Plug

*Note: Components depicted in images are representative of HG2;  
Assembly of HG3 and HG4 follows the same process*

### Step 1

Install red O-ring (optional)



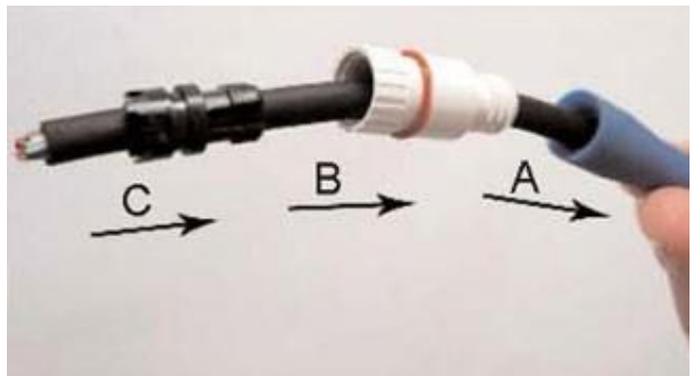
### Step 2

O-ring installed



### Step 3

Arrange components on cable

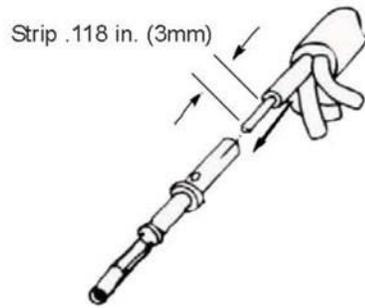


### Crimp Termination Instructions

#### Step 4:

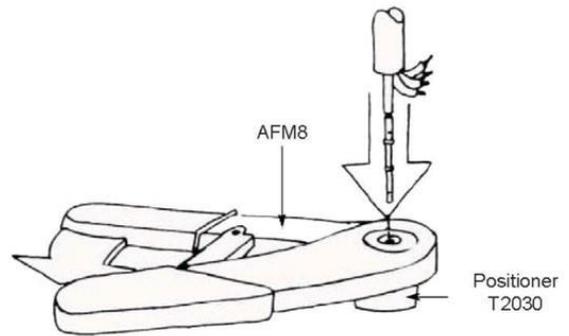
Strip wire

Insert into crimp barrel



Insert contact into positioner as shown

Crimp

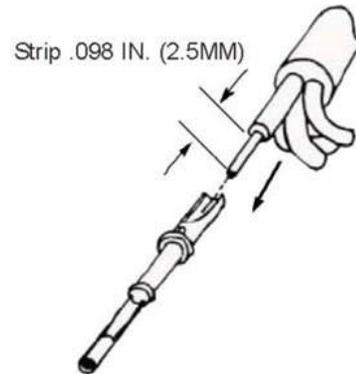


### OR Solder Termination Instructions

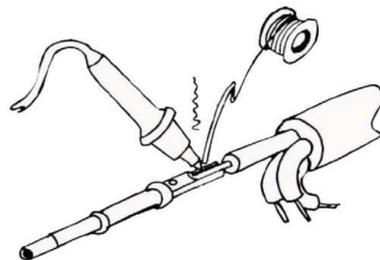
#### Step 4:

Strip wire

Insert into solder cup

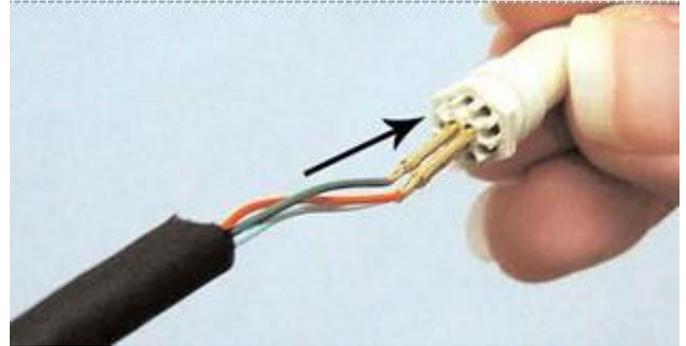


Solder wire into solder cup



### Step 5

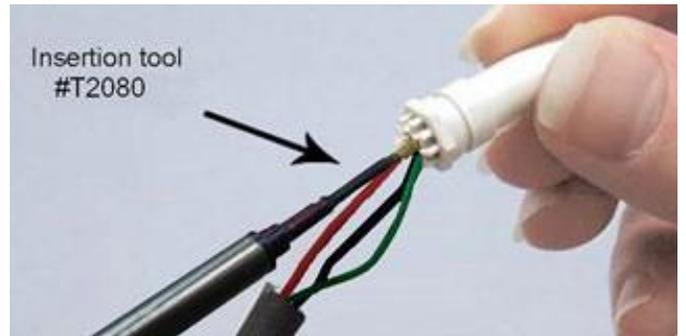
Insert contacts



### Step 6

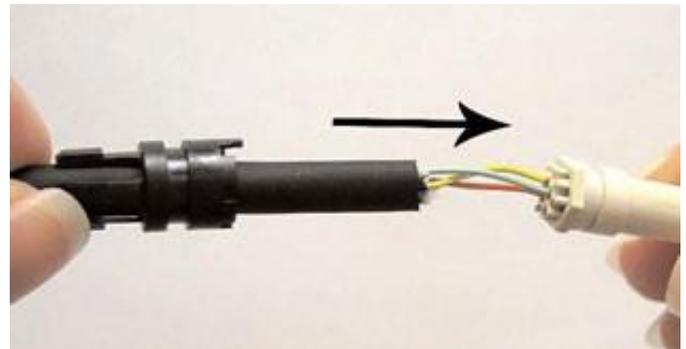
Push in to the stop

Insertion tool #T2080



### Step 7

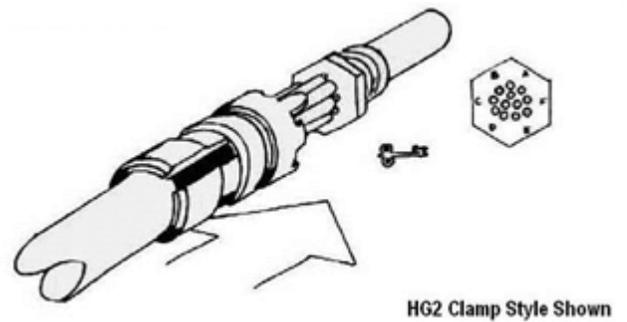
Choose keying option



### Step 8

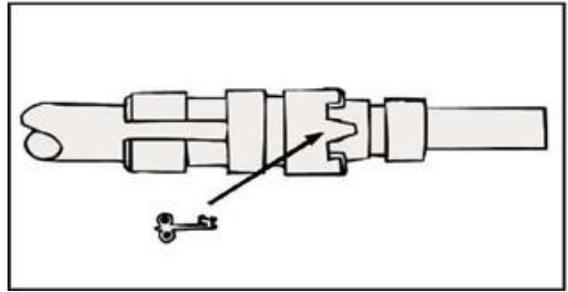
Choose A, B, C, D, E or F

Note: contact count varies for HG3/HG4 (HG2 shown)



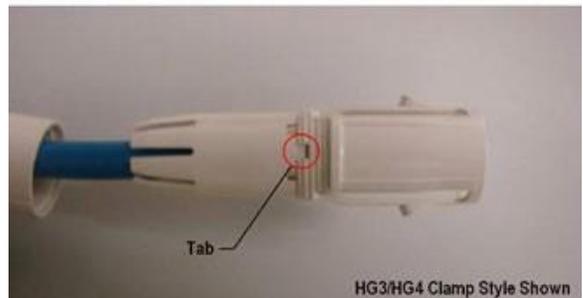
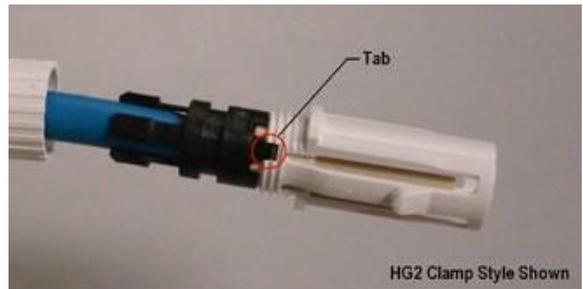
### Step 9

Key tab with A through F



### Step 10

Align clamp tab and latch slot

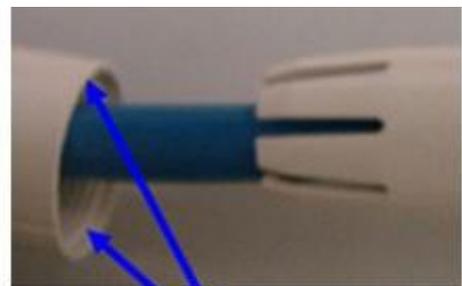


### Step 11

Screw on plug nut

It is recommended that 3M 2-part epoxy #2216 or BONDiT B-4811 be applied on the threads of the nut (as illustrated) prior to the next step of assembly.

Cyanoacrylate adhesives are not recommended for use on HG connectors; their application may cause damage and void product warranties.



Apply epoxy here (optional)



## Step 12

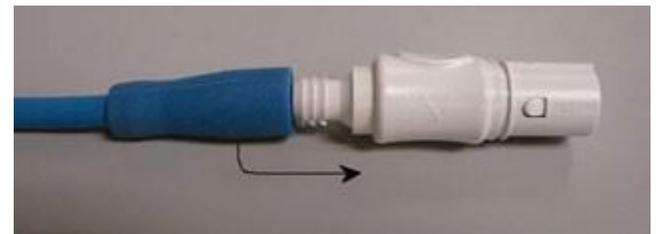
Install latch assembly

Note: Assembled properly when latch tabs protrude from latch body cutouts



## Step 13

Install strain relief



## Step 14

Strain relief installed



## Step 15

Install clear O-ring (optional)



*This product is covered by one or more of the following US Patents:  
7,326,091; 7,661,995; 7,938,670 and D596,127; D615,932; D616,825.*

## Shielded HyperGrip Plug

*Note: Components depicted in images are representative of HG4;  
assembly of HG2 and HG3 follows the same process*

### Step 1

Install red O-ring (optional)



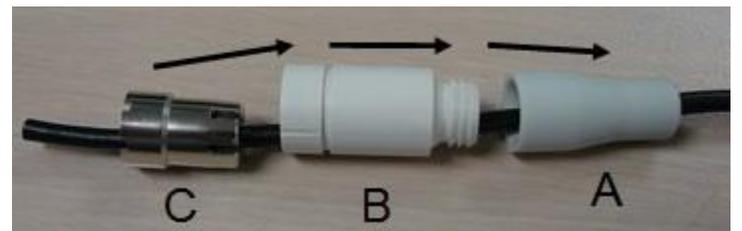
### Step 2

O-ring installed



### Step 3

Arrange components on cable



### Step 4

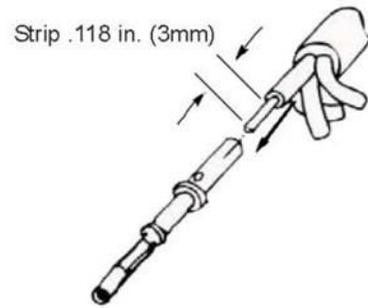
Strip cable jacket back while leaving the jacket in place underneath cable clamp when fully assembled. Fold cable shield over remaining cable jacket.

### Crimp Termination Instructions

#### Step 5:

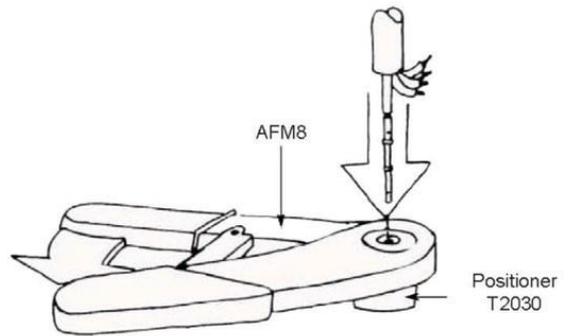
Strip wire

Insert into crimp barrel



Insert contact into positioner as shown

Crimp

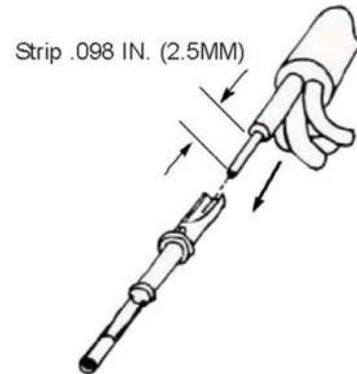


### OR Solder Termination Instructions

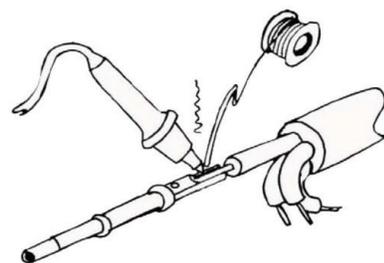
#### Step 5:

Strip wire

Insert into solder cup

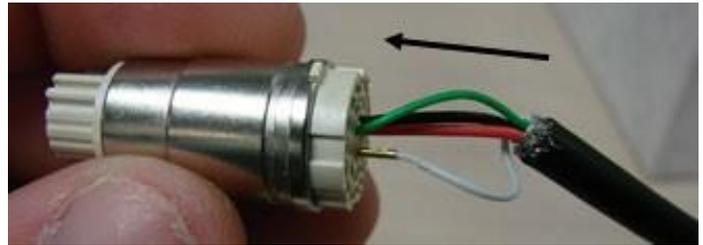


Solder wire into solder cup



### Step 6

Insert contacts

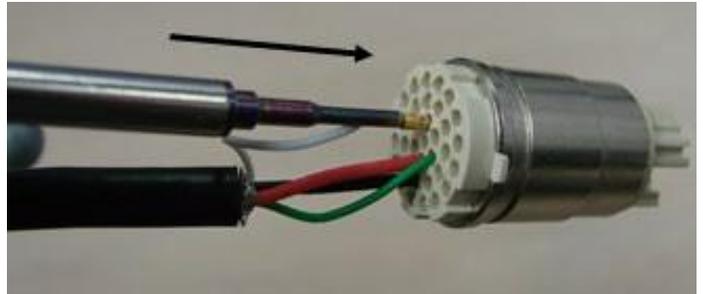


### Step 7

Push in to the stop

Insertion tool #T2080

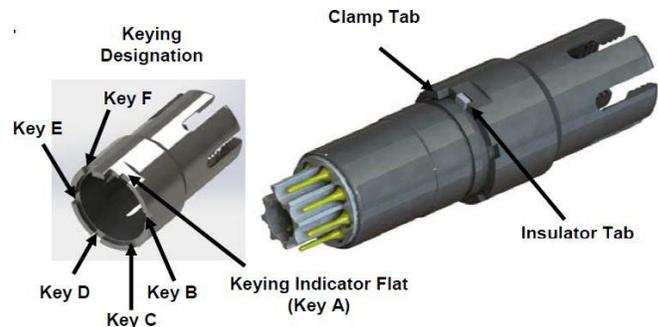
Note: contact count varies for HG2/HG3 (HG4 shown)



### Step 8

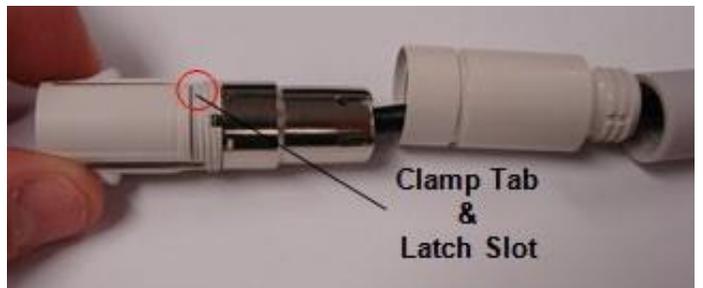
Choose keying option

Choose keying option A, B, C, D, E or F (insulator tab seated in marked position on cable clamp)



### Step 9

Align clamp tab and latch slot



### Step 10

It is recommended that 3M 2-part epoxy #2216 or BONDiT B-4811 be applied on the threads of the nut (as illustrated) prior to the next step of assembly.

Cyanoacrylate adhesives are not recommended for use on HG connectors; their application may cause damage and void product warranties.



### Step 11

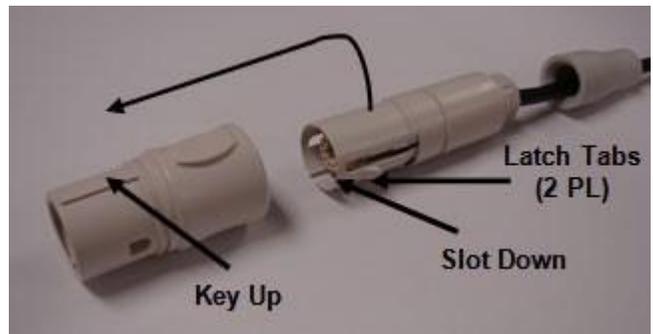
Screw plug nut onto latching plug



### Step 12

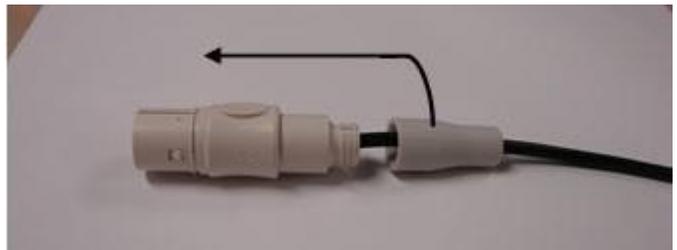
Install latch assembly

Note: Assembled properly when latch tabs protrude from latch body cutouts



### Step 13

Install strain relief



### Step 14

Strain relief installed



### Step 15

Install clear O-ring (optional)



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7,326,091; 7,661,995; 7,938,670 and D596,127; D615,932; D616,825.*

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#### Technical Support

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