

# How to Use Your GMP Modular Plug Presser

Thank you for selecting what many believe to be the finest modular plug presser available anywhere.

Our presser was designed especially with you in mind, to give you the greatest possible comfort, convenience, safety and utility. Each of our pressers is precision-built right here in the United States using only the highest quality materials, so you can be sure your tool will be as tough as the job it's meant to perform.

And because our name is stamped right on the outside, each presser carries our lifelong pledge of service and support to you, no matter how long you own your tool.

To assure that your presser will give you many years of reliable, trouble-free operation, please read the following directions thoroughly before you use your tool.



## Do You Have Everything?

Before you read any further, check the table below to make sure your shipment has all the necessary parts.

If you notice something missing, please contact us at (215) 357-5500 and we'll rush you the missing part.

## Standard Kits

P/N	70630*	70631*	70632*	70633*	71632	15305	15300
<b>Standard Presser</b>	Included	Included	Included	N	Included	Included	N
<b>DEC Presser</b>	N	N	N	Included	N	N	Included
<b>Die-4</b>	Included	N	N	N	N	Included	N
<b>Die-6</b>	Included	N	N	Included	N	Included	Included
<b>Die-8</b>	N	Included	N	N	N	Included	Included
<b>Die-B8</b>	N	N	Included	N	Included	N	N
<b>Plugs-Tinsel &amp; Stranded-4x4</b>	N	N	N	N	N	Included	N
<b>Plugs-Tinsel &amp; Stranded-4x6</b>	N	N	N	N	N	Included	Included
<b>Plugs-Tinsel &amp; Stranded-6x6</b>	N	N	N	N	N	Included	Included
<b>Plugs-Tinsel &amp; Stranded-6x6 DEC</b>	N	N	N	N	N	N	Included
<b>Plugs-Tinsel &amp; Stranded-8x8</b>	N	N	N	N	N	Included	Included
<b>Plugs-Solid Wire-3 Pair</b>	N	N	N	N	N	Included	Included
<b>Plugs-Solid Wire-4 Pair</b>	N	N	N	N	N	Included	Included

N=Not included

\* Holster included with Presser

## Setting Up Your Presser

Select the correct plug for the cable you will be using. Next, select the correct die for the type of plug that you will be pressing. If you don't know which die you should choose, look at the Die/Plug Cross-Reference on the last page. These are the two most critical steps in producing quality crimps.



Hold the presser in one hand with the name plate facing up, and the die in your other hand so that the numbered side of the die faces the die slot in the presser and the pin points away from you.

Now push the die all the way into the slot until the ball bearing detent in the die clicks into place on the tool. That click means your die is properly installed and ready to press.



If you want to change dies, just press hard on the numbered side of the die until the detent clicks again, then slide the die out and insert another.



## Preparing Your Cord

Using a pair of sharp splicer's scissors, cut the end of the cord you want to terminate in a clean, straight line from one side to the other. Don't use a knife or side cutters; they can fray the conductors of Tinsel or Stranded cord and cause a bad crimp.



Holding the cord in one hand and your presser in the other slide the end of the cord into the stripper on the presser.



If you're going to press a 4- or 6-conductor plug: Slide the cord into the stripper until the end reaches the inside face of the second tong (that's the one with 4 and 6 stamped on it).

If you're going to press an 8-conductor plug: Slide the cord all the way into the stripper until the end of the cord touches the butt of the stripper where it is stamped 8.



Making sure that the bottom side of the cord is flush against the stripper press the handles of the presser together until they're completely closed and hold them.



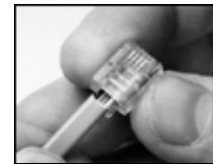
Doing this will slice the outer jacket of your cord without cutting the conductors or their jackets

Holding the handles closed pull the cord away from the presser then release the handles. The severed end of the cord jacket will slide off exposing the individual conductor jackets.

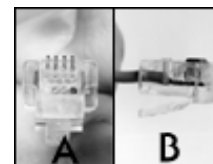


## How To Press a Plug

Insert the conductors into the plug you want to press, making sure that the correct polarity is maintained for your application (you may want to consult your data or telephone system's instructions or practices before doing this).



Push the conductors all the way into the plug until they "bottom out" at the front of the plug; you'll know that you've done this properly if **A** you can see the ends of each conductor (the shiny part) through the plastic face of the plug and **B** the outside conductors appear to be touching the very end of the plug.



With the tang facing down slide the plug and cord along the bottom of the moveable die and all the way into the large opening beneath the numbered end of the die until the plug touches the pin on the other end of the die. Make sure that the bottom side of the plug rests flat against the moveable die.



Now press the handles completely together. This action pushes the contacts on the top of the plug through the insulating jackets and into the conductors themselves.



Now release the handles grasp the plug at the point where the cord enters the plug and with a single sharp motion pull the plug down from the die and out of the presser. You've just pressed your first plug!



## Taking Care of Your Presser

We adjust every GMP Modular Plug Presser at our factory so you won't have to adjust it yourself while out in the field.

If your presser ever needs readjustment, just return it to us and we'll be happy to reset it at no cost to you. (Of course, shipping and any additional repair costs due to misuse or incidental damage are not included.)

Treat your presser as you would any other valued workplace tool. In particular, avoid exposing it to excessive amounts of dust, dirt, chemicals, water or improper use.

One thing you should do periodically is lubricate the moveable handle and pawl shaft with a light dab of silicone. This will help keep them working smoothly and quietly.

## About GMP Modular Plugs

While you should be able to press any standard size plug in your new presser, we strongly recommend that you only use GMP Modular Plugs.

There are several important reasons for this. First of all, only GMP plugs are specifically designed to take full advantage of your presser's features, and are certain to continue to provide 100% pressing system compatibility as your interconnection needs change.

Second, GMP plugs are built to provide the highest possible termination quality, with key features like:

- Strong, fire-resistant (UL94-V2), polycarbonate bodies
- Translucent body tinting for fast, easy function identification
- At least 50µ in. of pure 24K gold plating on every contact surface

Finally, GMP is committed to supporting our tool line with a complete in-stock selection of plugs, cordage and other pressing accessories covering almost every standard modular interconnection application.

### For Tinsel/Stranded Cordage:

Insulated conductor diameter: .038 in. (.96 mm), Clear Plugs, Weight: 1 lb. (454 g)

P/N	Configuration
<b>17074</b>	4-Contact x 4-position (4 x 4) handset plugs 100/pkg.
<b>17078</b>	2-Contact x 6-position (2 x 6) RJ11 line cord plugs 100/pkg.
<b>17075</b>	4-Contact x 6-position (4 x 6) RJ11 line cord plugs 100/pkg.
<b>17076</b>	6-Contact x 6-position (6 x 6) RJ11 line cord plugs 100/pkg.
<b>17077</b>	8-Contact x 8-position (8 x 8) RJ45 non-keyed line cord plugs 100/pkg.
<b>17043</b>	8-Contact x 8-position (8 x 8) RJ45 keyed line cord plugs 100/pkg.
<b>25125</b>	10-Contact x 10-position (10 x 10) RJ45 keyed left line cord plugs 25/pkg.
<b>25126</b>	10-Contact x 10-position (10 x 10) RJ45 keyed right line cord plugs 25/pkg.
<b>25127</b>	10-Contact x 10-position (10 x 10) RJ45 non-keyed line cord plugs 25/pkg.

### For Solid Wire:

Insulated conductor diameter: .038 in. (.96 mm), Grey Plugs, 100/pkg. Weight: 1 lb. (454 g)

P/N	Configuration
<b>24061</b>	3-Pair 22/24 AWG RJ11 plugs
<b>24062</b>	4-Pair 22/24 AWG RJ45 plugs

**For D Inside Wire & Plenum:**

Insulated conductor diameter: .033 in. (.84 mm), Blue Plugs, 100/pkg. Weight: 1 lb. (454 g)

P/N	Configuration
17188	4-Pair 24 AWG RJ45 plugs

**For Shielded Twisted Pair (STP):**

Insulated conductor diameter: .038 in. (.96 mm), Clear/Metallic Plugs, 25/pkg. Weight: 4 oz. (113 g)

P/N	Configuration
24042	4-Pair RJ45 STP plugs

**For Category 6 Unshielded Twisted Pair (UTP):**

Insulated conductor diameter .042 in. (1.06 mm), Clear Plugs, 100/pkg. Weight: 1 lb. (454 g)

P/N	Configuration
24065	8-Contact Cat. 6 plug with separate conductor alignment bar for precise wire loading

**For DEC Data Cable:**

Insulated conductor diameter: .040 in. (1.00 mm), Clear Plugs, 100/pkg. Weight: 1 lb. (454 g)

P/N	Configuration
17090	6-Contact x 6-position MMJ plug

## Standard Die / Plug Cross-Reference

P/N	17064	17065	17066	17096	17097	25547	17100
<b>Die No.</b>	4	6	8	B6	B8	S8	10
<b>Tinsel &amp; Stranded Cord Handset-4x4</b>	Y	N	N	N	N	N	N
<b>Tinsel &amp; Stranded Cord Line Cord-2x6</b>	N	Y	N	N	N	N	N
<b>Tinsel &amp; Stranded Cord Line Cord-4x6</b>	N	Y	N	N	N	N	N
<b>Tinsel &amp; Stranded Cord Line Cord-6x6</b>	N	Y	N	N	N	N	N
<b>Tinsel &amp; Stranded Cord Line Cord-8x8</b>	N	N	Y	N	N	N	N
<b>Tinsel &amp; Stranded Cord Line Cord-10x10</b>	N	N	N	N	N	N	Y
<b>Solid Wire .038 in. Dia. Wire 3-Pair</b>	N	Y	N	N	N	N	N
<b>Solid Wire .038 in. Dia. Wire 4-Pair</b>	N	N	Y	N	Y	N	N
<b>Solid Wire .033 in. Dia. Wire 3-Pair</b>	N	N	N	Y	N	N	N
<b>Solid Wire .033 in. Dia. Wire 4-Pair</b>	N	N	Y	N	Y	N	N
<b>D Inside Wire Unicon® 4-Pair</b>	N	N	N	N	Y	N	N
<b>UTP Catagory 6 Cable .042 in. Dia. Wire 4-Pair</b>	N	N	N	N	Y	N	N
<b>Shielded Twisted Pair Shielded 8x8</b>	N	N	N	N	N	Y	N
<b>DEC Data Cable DEC MMJ 6x6</b>	N	**	N	N	N	N	N

Y=Yes N=No

\*\* Requires DEC compatible presser; contact us for modification information

## Presser Replacement Parts

P/N	Item
15270	Modular Cord Stripper Blades (10/pkg.)
15271	Undercarpet Stripper Blades (10/pkg.)
15232	Round Cable Stripper (strips 8-conductor round station wire)
17089	Handles (one finger grip, one palm grip)
17067	Holster (keeps your presser handy while in the field: cowhide holster includes belt loop and die pouch)
15324	Pressing Kit Case (foam-lined ABS plastic case securely holds presser and up to six dies: provides individual compartments for up to six different types of modular plugs)

## Special Dies for AMP Plug Users

AMP plugs differ in design from industry standards. For compatibility with AMP plugs, GMP offers:

P/N	Item
25943	A6 AMP 6-position die (crimps all AMP 6-contact plugs)
17095	A8 AMP 8-position die (crimps all AMP 8-contact plugs)
17126	A6S AMP 6-position shielded die

## Special Dies for Lucent "Shark Tooth" Plug Users

P/N	Item
25672	#T6 die for Lucent RJ11 shark tooth plugs
25673	#T8 die for Lucent RJ45 shark tooth plugs



### General Machine Products Co., Inc.

3111 Old Lincoln Highway, Trevose, PA 19053-4996 USA

Tel: +1 215-357-5500 / Fax: +1 215-357-6216

E-mail: [info@GMPtools.com](mailto:info@GMPtools.com)

<http://www.GMPtools.com>