A guide to using True Position Tools Hardware Jigs

- Always secure sliding guides and stops in position and tighten before drilling.
- Be sure to wear proper safety gear when using power tools.
- Make sure hands are out of the way when drilling.

**Knob on Door Installation**

1. Place hardware to find the position you like.
2. Measure from bottom mark position with pencil.
3. Measure from side.
4. Match the sliding end stop with your bottom measurement and tighten.

**Large Handle on Wide Drawer Front**

1. We demonstrate a method to center a long pull on a Drawer – line up center of one hole with edge of Drawer.
2. Measure from left of drawer to center of left hole on hardware. Use half this to set for the sliding stop end on the era.
3. Mark selected drill bushing with tape on extension (included in TP-2312, TP-1935).
4. Adjust end stop at desired distance from the marked bushing.

**Handle on Door Installation**

1. Place hardware to find position you like.
2. Measure from bottom mark position with pencil.
3. Measure from side.
4. Measure hole centers of your hardware.
5. Transfer your hardware measurement to the sliding drill bushing and tighten.
6. Match bottom measurement with sliding end stop and tighten.
7. Match side measurement to Large Stop and tighten.
8. Position tool as shown drill through fixed center bushing for bottom hole.
9. Drill through top sliding bushing for top hole.
10. Reverse tool position onto opposite door and drill holes.

**Using Extended Ruler Attachment (TP-ERA) on Drawer**

1. For fast repeatability use the Extended Ruler Attachment.
2. Align each ruler at the 5” mark to extend the length of ruler to 17”.
3. Measure drawer width.
4. Set small end stop to half the drawer width.
5. Now you are ready to drill an entire drawer bank.
6. Perfectly placed.
7. Everytime.
8. If your handle pattern interferes with double bracket move below t-square and connect the 0” ruler at the 2” mark as pictured above.

**Larger Handle on Wide Drawer Front**

1. We demonstrate a method to center a long pull on a Drawer – line up center of one hole with edge of Drawer.
2. Measure from left of drawer to center of left hole on hardware. Use half this to set for the sliding stop end on the era.
3. Mark selected drill bushing with tape on extension (included in TP-2312, TP-1935).
4. Adjust end stop at desired distance from the marked bushing.

**True Position Tools**

Scan for web instructions.

See more www.truepositiontools.com
**DRILLING HINGE HOLES**

1. Mark center of two hinge holes
2. Set stop collar to drill depth
3. Slide two drill bushings side by side lining up center line with your mark
4. Set the sliding end stop 3 1/2" out from center line of bushing
5. Match the bottom hole on hardware to bottom hole on extension and mark with tape
6. Adjust Large Stop to 1 3/8" to match the measurement from center line of bushing
7. Cover the center bushing with tape
8. Hold side and bottom stops against door drill bottom hole
9. And top hole Reverse tool for opposite door
10. And 1 3/8" from side edge Set end stop at desired distance from center line of bushing

**KNOB ON DRAWER FRONT**

1. Measure width to find center
2. Mark center top of drawer
3. Measure side of drawer for center. Position hardware where you like
4. Slide Large Stop to match side measurement
5. Line up match on center of Large Stop with center mark at top of drawer than push tool flat against drawer face.
6. Drill bushing using fixed center drill bushing
7. Measure hardware hole spacing
8. Use TP-1934 with long hardware/shelf pin extension and the TP-ERA
9. Slide the shelf pin extension onto the tp-1934
10. Mark hole location with tape

**LARGE HANDLE ON TALL DOORS**

1. Measure your hardware
2. Slide two drill bushings onto the tp-1934 Using the same measurements
3. Tighten sliding bushings into position cover the center bushing with tape
4. Center on drawer and drill hole holes

**LINE BORING FOR SHELF PINS**

1. Measure and mark desired location
2. Join tp-2312 and tp-era to tp-1934 adjust to desired length and tighten
3. Measure your hardware slide two drill bushings onto the tp-1934
4. Perfectly spaced every time

**HANDLE ON DRAWER FRONT**

1. Measure your hardware
2. Slide two drill bushings onto the tp-1934 Using the same measurements
3. Tighten sliding bushings into position cover the center bushing with tape
4. Center on drawer and drill holes

**TRUE POSITION TOOLS**

Manufacturers Limited One Year Warranty:

True Position Tools makes every effort to assure that its products meet high quality and durability standards. We warranty to the original purchaser that this product is free from defects in material and workmanship for the period of one year from the date of purchase. This warranty does not apply to damage due directly or indirectly to alteration, misuse, abuse, negligence or accidental, or repair outside our facilities, lack of maintenance, or normal wear and tear. We shall be not liable to be held for death, personal injury or property, due to incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

Bushing Limited Lifetime Warranty:

Our bushings are warrantied for the life of the product and available only to the original purchaser. True Position Tools will offer standard replacement bushings for its products. Upon RMA, replacement bushings will be sent to the retailer whose the product was purchased from or in approved cases directly to the customer. Upon RMA, True Position Tools must record the bushing for the customer as spoiled circumstances, then bushings may be placed by the customer. This warranty does not apply to damage due directly or indirectly to alteration, misuse, abuse, negligence or accidental, or repair outside our facilities, lack of maintenance subject to proof of purchase. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

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