

PRO-LOK[®]

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Why Use Anything Else?

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Killer Jig!

Part #INJIG-KJ



User's Manual



www.pro-lok.com

**SAFETY PRECAUTIONS & ADVICE**

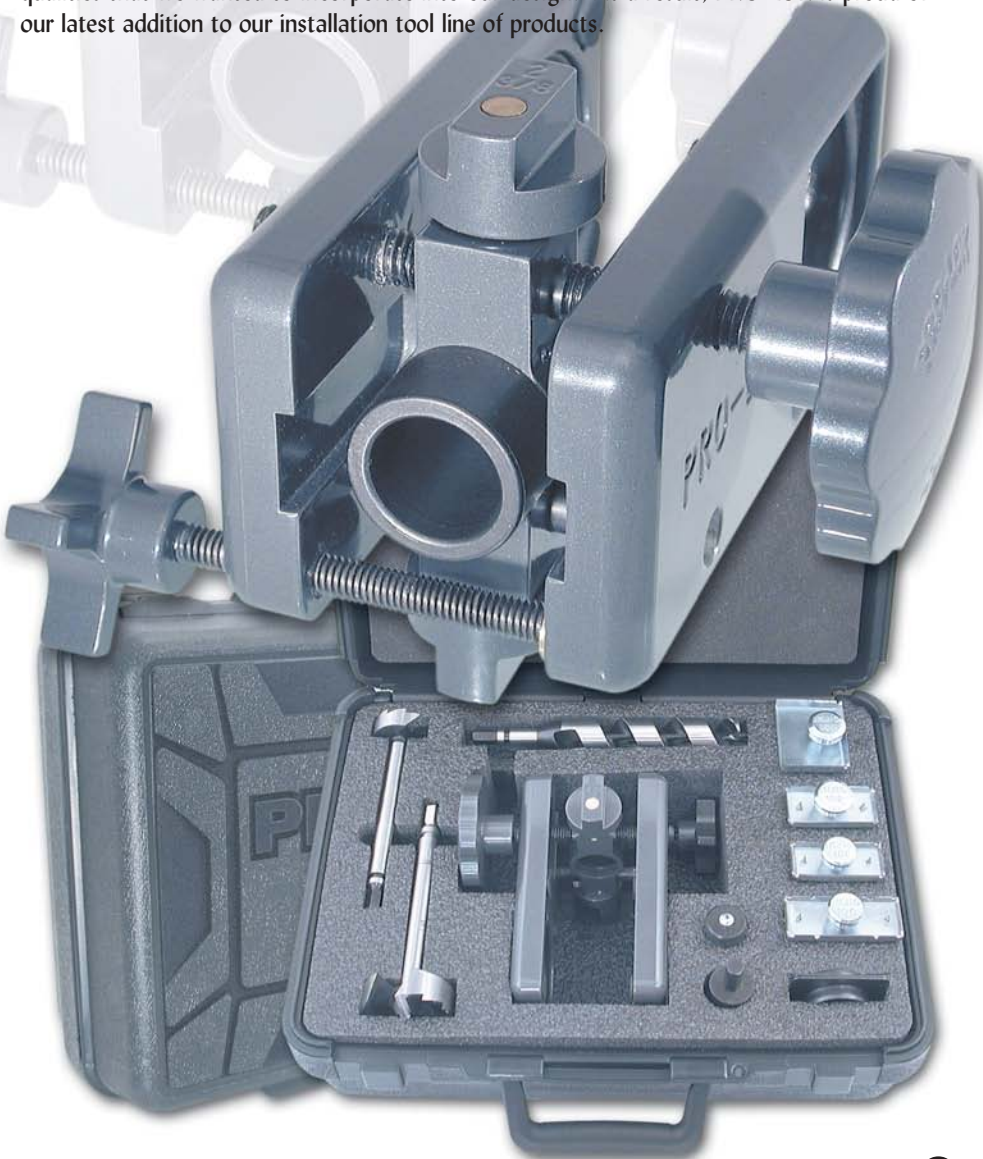
1. **Read all instructions before you use this jig.**
2. Follow all instructions while using this jig. Refer to your power drill owner's manual for all additional safety instructions.
3. Keep work area clean.
4. Keep children away.
5. Store idle tools in a dry, secure place.
6. Apply even steady pressure to bits.
7. Always use safety glasses.
8. Maintain tools with care. Keep bits sharp and clean. Dull bits are more likely to bind. When the bit binds, a high force occurs, causing the drill to rotate in the direction opposite of the bit rotation. Bit binding can happen if the tool is misaligned at the time of break through or when the bit makes contact with a knot or nail. Sharp bits will ensure a good finish and prevent motor overload.
9. Always hold the power drill firmly and brace the drill properly at all times.
10. Make sure that the "Hammer Action" is OFF on your drill.
11. Unplug the power cord when you are adjusting the drill.
12. Allow the drill to reach full speed before starting to cut.
13. Securely tighten all clamps, screws and drill chuck.
14. When finished drilling, turn off drill, remove drill from jig and remove jig from door.
15. A trial run with a short piece of 2" x 4" wood will help to familiarize you with the operating procedures.
16. User must wear safety goggles at all times.
17. Do not force drill or bits.

INTRODUCTION

The Killer Jig

What makes the PRO-LOK *Killer Jig* so special?

PRO-LOK decided to design our new *Killer Jig* for many reasons. We felt that a professional high quality jig was needed that was both light in actual weight while maintaining the high quality that professional installers expect. Also, versatility and speed were important qualities that we wanted to incorporate into our design. As a result, PRO-LOK is proud of our latest addition to our installation tool line of products.



FEATURES AND BENEFITS

It is hard to decide which features or benefits to start with:

Do we talk about the quality solid construction of the **Killer Jig** that is made from machined aluminum with hardened bushings?

What about the ease of changing backsets from 2- 3/8" to 2- 3/4"? With the quick turn of two backset knobs 180 degrees, the knobs are positive ball-bearing locked into the proper position. Quicker than it took you to read this sentence, you have changed or prepared the **Killer Jig** from 2- 3/8" backset installation to a 2- 3/4" backset installation.

Another HUGE feature of the PRO-LOK **Killer Jig** is the versatility and ease in boring different size holes. The **Killer Jig** is unique by easily changing back & forth between 2- 1/8" and 1-1/2" holes. The soft rubber pads tighten against the door protecting the doors finish. Additionally, the pads are also textured to prevent the jig from slipping on the door.

Protecting the doors finish is of major importance for a quality installation. Eight holes are milled into the inside face of the jig. Thick and durable rubber pads are seated into the recessed holes. The soft rubber pads tighten against the door protecting the doors finish. Additionally, the pads are also textured to prevent the jig from slipping on the door.

Large comfortable knobs allow you the proper torque to tighten the **Killer Jig** snugly to the door. Not to be overlooked is the door thickness knob. This feature allows you to properly adjust the **Killer Jig** to the thickness of the door you are working on. In simple terms, doors vary in thickness; this feature allows the **Killer Jig** to be tightened to the door snug and tight. The easy adjusting knob screw is cupped into a brass bushing. The cupped brass bushing prevents the door thickness knob screw from "walking" or wearing the **Killer Jig** out. The door thickness knob allows you to easily adjust the jig to the thickness of the door (allowing you to tighten the Jig tight and snug to the door). The brass bushing keeps the door thickness knob properly aligned.

Do you have metal doors to install locks on? The **Killer Jig** can be used easily on wood or metal doors. Hole saws can be purchased separately and used with the **Killer Jig** for metal door installations.

Our Quick Change Adapter is another time saver on every installation. Simply chuck this adapter into your drill once and you can quickly change your spur bits and auger bits by inserting them directly into the Quick Change Adapter without chucking, un-chucking and re-chucking them into your drill, saving you valuable time.

You will appreciate the quality of our heavy-duty latch and strike plate markers. These solid steel tools are for marking the wood door and frame for mortising many standard deadbolt and latch face plates.

The Strike Locator is easy to use and allows you to drill the latch or deadbolt hole in the frame in perfect alignment. After the 1" edge bore is drilled, simply insert the Strike Locator into the hole, close the door, press the Strike Locator towards the door frame and the sharp center piece marks the frame with an indentation indicating where to drill for proper latch or deadbolt alignment.

PRO-LOK also provides HEAVY-DUTY Multi Spur Bits in 1-1/2" and 2-1/8" diameters and a 1" Auger Bit. Our quality bits will last longer and cut more holes. Replacement bits are available and recommended.

Yet another feature of the **Killer Jig** is the durable powder coat finish. Using professional quality looking tools is a direct reflection of your own image. Between the powder coat finish and the organized high quality carrying case, the image that you project will be that of quality and care.

Seldom is a tool kit introduced to the market that has so many features and benefits.

The features and benefits that the PRO-LOK **Killer Jig** provides will save you valuable time.

Our high quality cutters will save you money. The high quality is apparent and makes you look better.

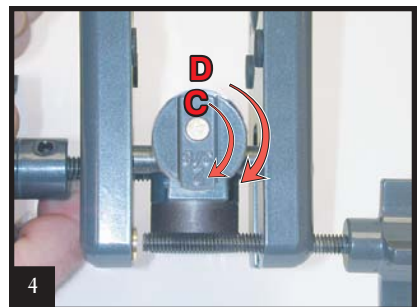
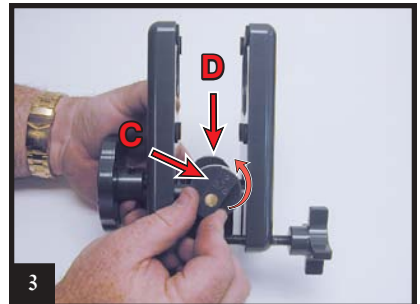
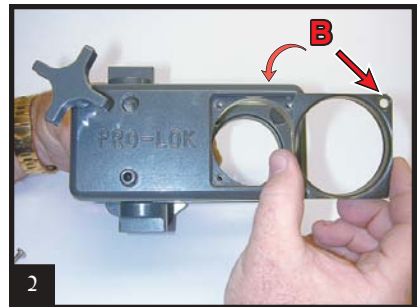
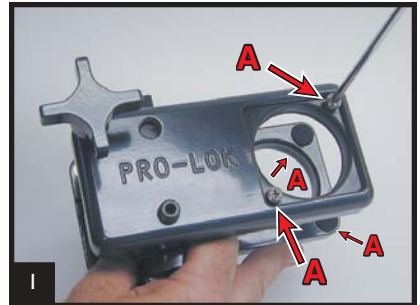
Better tools help to make better installations!

INJIG-KJ Instructions for Wood Doors*

⚠ *The Killer Jig can be used easily on wood or metal doors. Hole saws can be purchased separately and used with the Killer Jig for metal door installations.

DETERMINE THE HOLE SIZE

1. Determine the appropriate hole size necessary for your installation.
2. The INJIG-KJ comes from the factory with the 2-1/8" Bushing Plates already installed.
3. If you need a 2-1/8" hole, skip to the next step of determining the backset.
4. If you need a 1-1/2" hole, change the jig to the 1-1/2" Bushing Plates.
5. Using a Phillips screwdriver, remove the 4 Phillip head screws (A) (2 located on either side of the jig). (Photo 1)
6. Remove the 2-1/8" Bushing Plates (B) from both sides of the jig. (Photo 2)
7. Insert the 1-1/2" Bushing Plates (B) on both sides of the jig and replace all 4 screws (A).



DETERMINE THE BACKSET

1. Determine the backset of the lock to be installed (either 2-3/8" or 2-3/4")
2. If the backset is 2-3/8", turn the top Backset Knob (C) and the bottom Backset Knob (D) towards the edge of the door. (Photo 3)
3. If the backset is 2-3/4", turn the top Backset Knob (C) and the bottom Backset Knob (D) away from the edge of the door. (Photo 4)

ADJUST THE JIG TO THE DOOR THICKNESS

1. Place the Jig on the door at the desired height.
2. Tighten the Clamping Knob (E) so that the Jig is tight and flush to the door edge (Photo 5).
3. Adjust the star shaped Door Thickness Knob (F) and visually inspect that the Jig is tight and flush to the door edge (Photo 6).

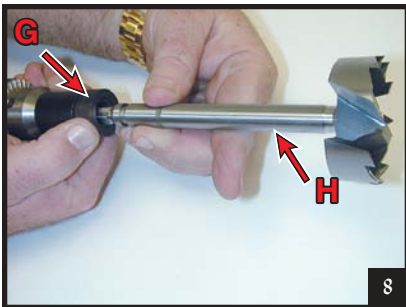
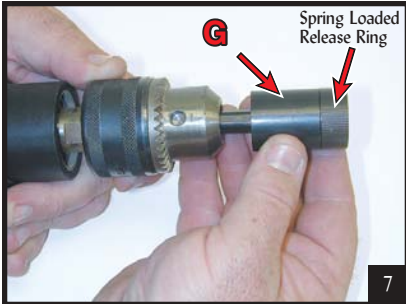
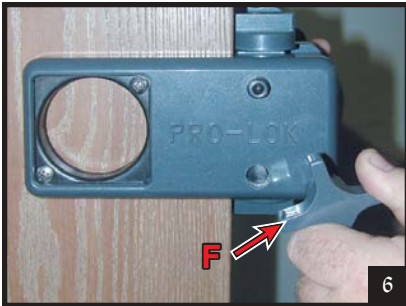
NOTE: When the Jig is tightened onto the door, the entire Jig should be tight and flat against the door. If the Jig is not flat against the door, **INJURY TO YOURSELF OR DAMAGE TO THE DOOR CAN OCCUR.**

4. If the Jig is not flat against the door:
 - a. Turn the Clamping Knob (E) to loosen the Jig from the door.
 - b. Adjust the star shaped Door Thickness Knob (F) and retighten the jig to the door.
 - c. Repeat this adjustment until the Jig is flat against the door.

BORE THE LOCK AND LATCH HOLES

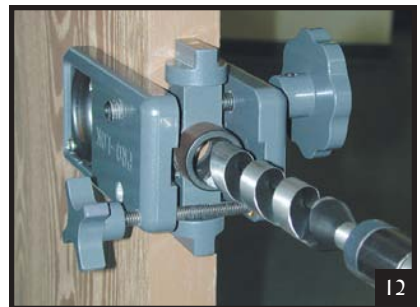
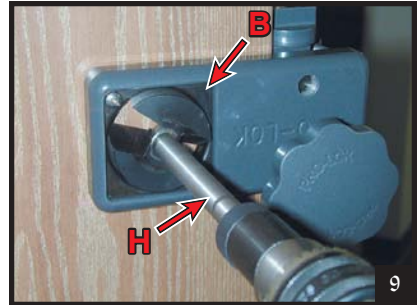
Although we have provided basic and generic instructions below, please refer to the instructions and templates provided by the hardware manufacturer prior to beginning the installation. Verify all hole sizes and locations prior to drilling holes.

1. Insert the Quick Change Adapter (G) into the drill and tighten. (Photo 7)
2. Depress the spring loaded release ring on the Quick Change Adapter (G).
3. Insert the appropriate size Multi-Spur Bit (H) into the Quick Change Adapter (G) and release the spring loaded release ring (Photo 8)
4. Check to insure that the Multi-Spur Bit (H) is securely locked into the Quick Change Adapter (G) by pulling on the bit several times.



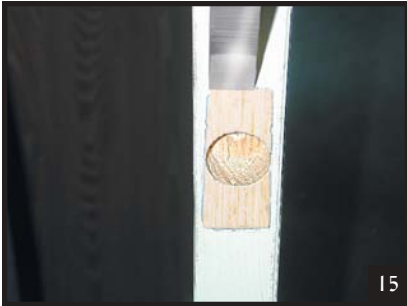
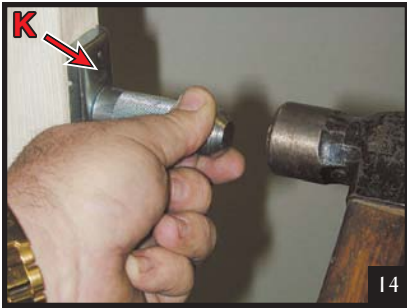
BORE THE LOCK AND LATCH HOLES (continued)

5. Drill the hole in the face of the door by inserting the Multi-Spur Bit (H) through the Bushing Plate (B) on one side of the door and drilling 1/2 way through the door (Photo 9). Remove the Multi-Spur Bit (H) from the door and insert in the Bushing Plate (B) on the opposite side of the door. Drill the hole completely through the door. (Photo 10)
6. Depress the spring loaded release ring on the Quick Change Adapter (G) and remove the Multi-Spur Bit (H).
7. Insert the 1" Auger Bit (J) into the Quick Change Adapter (G) (Photo 11).
8. Check to insure that the 1" Auger Bit (J) is securely locked into the Quick Change Adapter (G) by pulling on the bit several times.
9. Drill the 1" Latch/Deadbolt hole in the edge of the door. (Photo 12).
10. Remove the drill from the door.
11. Remove the Jig from the door.



MORTISE FOR THE LATCH PLATE

1. Select the correct Latch Marker (K) to match your Latch Faceplate.
2. Insert the Latch Marker (K) into the 1" latch hole and align parallel to the edge of the door (Photo 13)
3. Press firmly on the Latch Marker (K) to embed the screw locator points into the door.
4. Rap the Latch Marker (K) with a hammer to mark the door. (Photo 14)
5. Remove the Latch Marker (K) and mortise with a chisel within the marked area to the desired depth. (Photo 15)



LOCATE STRIKE

1. Insert the Strike Locator (L) into the latch hole with the sharp point towards the door jamb (Photo 16).
2. Close and hold the door tightly closed against the door jamb.
3. Mark the center by pressing the Strike Locator (L) against the door jamb.
4. Pull the Strike Locator (L) away from the jamb, open the door and remove the Strike Locator (L) from the hole.
5. Drill the latch hole to the desired depth using the 1" Auger Bit (J) (Photo 17).



MORTISE FOR THE STRIKE PLATE

1. Select the correct Latch Marker (K) to match your Strike Plate.
2. Insert the Latch Marker (K) into the latch hole and align parallel to the edge of the door.
3. Press firmly to embed the screw locator point into the door jamb.
4. Rap the Latch Marker (K) with a hammer to mark the door jamb. (Photo 18).
5. Remove the Latch Marker (K) and mortise with a chisel within the marked area to the desired depth. (Photo 19).



Install the hardware following the instructions provided by the hardware manufacturer.



Replacement Parts:**INJIG-100**

Heavy-Duty Strike Plate Marker-Tool for marking the wood frame for mortising many standard deadbolt strike plates.

**INJIG-101**

Heavy-Duty Latch Marker-Tools for marking the wood door for mortising many standard deadbolt and latch face plates.

**INJIG-102**

Heavy-Duty Deadbolt Marker-Tools for marking the wood door for mortising many commercial deadbolt and latch face plates.

**INJIG-104**

Heavy-Duty Lip Strike Marker-Tool for marking the wood frame for mortising many standard dead-latch strike plates.

**INJIG-106**

Quick Change Adapter-Chuck this adapter into your drill once and you can quickly change you spur bits and auger bits without chucking, un-chucking and re-chucking them into your drill, saving you valuable time.

**INJIG-108-KJ**

Killer Jig-Quality solid construction, easy backset changing, easy to change hole sizes, rubber pads to protect door, large comfortable knobs, easy door thickness adjustment, durable powder coat finish.



INJIG-114

Heavy-Duty Carrying Case-Custom molded case with heavy-duty Polyurafoam interior to protect and store your tools.



INJIG-116

Strike Locator-After the 1" edge bore is drilled, insert the Strike Locator into the hole, close the door, press the Strike Locator towards the door frame and the sharp center piece marks the frame where to drill for proper latch or deadbolt alignment.



INJIG-118

Heavy-Duty 1-1/2" Multi Spur Bit-Our quality spur bit will last longer and cut more holes. For use on locks requiring 1-1/2" cross bore on wood doors.



INJIG-120

Heavy-Duty 2-1/8" Multi Spur Bit-Our quality spur bit will last longer and cut more holes. For use on locks requiring 2-1/8" cross bore on wood doors.



INJIG-122

Heavy-Duty Auger Bit-This 1" bit is used to drill the edge hole for most deadbolts and latches on wood doors. This bit also drilled the hole in wood frames for the deadbolt or latch.



NJIG-124

1-1/2" Bushing Plates-This set of 2 hardened plates are used for locks requiring a cross bore of 1-1/2".



INJIG-126

2-1/8" Bushing Plates-This set of 2 hardened plates are used for locks requiring a cross bore of 2-1/8".

Other Products...

INJIG-MORT Mortise Lock Installation Jig

Cuts a lock mortise in under 5 minutes!

The new jig incorporates unique Quick Change Cutters which allow the cutters to be changed in seconds, without removing the jig from the door. This means that both the full lock body and face-plate can be cut out with ease. The mortise hole is automatically centered on the door and accurate results are obtained every time. No other combination of tools can produce such fast and accurate mortise installations. The jig and its precision cutters will cut a mortise in hard wood, soft wood, composite doors and with the use of special cutters, aluminum doors as well, all in under five minutes!



INSTALLATION TEMPLATES

Who can install a vertical rod panic bar and outside trim in less than 1 hour?

You can ... with the PRO-LOK® IN-Series Templates. Easy-to-Use, fast, precise and durable. We have assembled a group of installation templates that are all used with our Universal Clamp. You will get exacting accuracy and finished work in the same time as it takes others just to set up. Every time you use a PRO-LOK® template, your installation time will be faster, your installations more precise and professional looking. Time is money. The PRO-LOK® IN-Series Templates may be the best investment you ever make! *Reverse templates are available for the back side of the door. You can cut your time in half by not having to switch over when you are done with one side. Reverse templates also prevent splintering the back side of the door when drilling.



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