

PRO-LOK

INJIG-KJ Instruction Booklet

Made in the USA



Standard Lock Installation Jig
View all of our products www.pro-lok.com

PRO-LOK

SAFTY 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 and precautions.**
- 3. Keep work area clean.**
- 4. Keep out of reach of children.**
- 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 glasses/goggles at all times.**
- 17. Do not force drill or bits.**
- 18. Handle tools with care, they are sharp!**

PRO-LOK

Items Included in the Complete Kit - INJIG-KJ

- A - INJIG-118 - 1-1/2" Multi Spur Bit**
- B - INJIG-120 - 2-1/8" Multi Spur Bit**
- C - INJIG-122 - 1" Auger Bit**
- D - Instruction Booklet**
- E - INJIG-124 - 1-1/2" Hardened Bushing Plates (x2)**
- F - INJIG-126 - 2-1/8" Hardened Bushing Plates (x2)**
- G - INJIG-114 - Custom Carrying Case**
- H - INJIG-116 - Strike Locator**
- I - INJIG-108KJ - Killer Jig Body**
- J - INJIG-104 - Lip Marker**
- K - INJIG-100 - Strike Plate Marker**
- L - INJIG-101 - Latch Marker**
- M - INJIG-103 - Latch Marker**
- N - INJIG-102 - Deadbolt Marker**



PRO-LOK

Tools included in the complete kit descriptions:



INJIG-100: Heavy-Duty Strike Plate Marker - Tool for marking the wood frame for mortising many standard deadbolt strike plates. Rectangle size 1-1/8" x 2-3/4"; Hole guide diameter 7/8"; Distance between points 2-1/8".



INJIG-101: Heavy-Duty Latch Plate Marker - Tool for marking the wood door for mortising many standard deadbolt and latch face plates. Rectangle size 1-1/8" x 2-1/4"; Hole guide diameter 7/8"; Distance between points 1-5/8".



INJIG-102: Heavy-Duty Deadbolt Marker - Tool for marking the wood door for mortising many commercial deadbolt and latch face plates. Rectangle size 1-1/8" x 2-1/4"; Hole guide diameter 1"; Distance between points 1-5/8".



INJIG-103: Heavy-Duty Deadbolt Marker - Tool for marking the wood door for mortising many commercial deadbolt and latch face plates. Rectangle size 1" x 2-1/4"; Hole guide diameter 1"; Distance between points 1-5/8".



INJIG-104: Heavy-Duty Lip Strike Marker - Tool for marking the wood frame for mortising many dead-latch strike plates. Rectangle size 1-5/8" x 2-1/4"; Hole guide diameter 1".



INJIG-108KJ: Killer Jig Body - Quality solid construction, easy basket changing, easy to change hole sizes, rubber pads to protect door, large comfortable knobs, easy door thickness adjustment, durable powder coat finish (includes the jig only).



INJIG-114: Carrying Case - Custom molded case with heavy-duty foam interior to protect and store your tools (no tools included).



INJIG-116: Strike Locator - Machined from solid 1" aluminum for the body with a harder steel point that allows for an easy and long lasting tool for marking the strike with a groove to easily remove after marking.



INJIG-118: Heavy-Duty 1-1/2" Multi Spur Bit - Our spur bit is meant to only cut wood doors for 1-1/2" cross bore holes.

INJIG-120: Heavy-Duty 2-1/8" Multi Spur Bit - Our spur bit is meant to only cut wood doors for 2-1/8" cross bore holes.



INJIG-122: Heavy-Duty Auger Bit - The 1" bit is used to drill the edge hole for most deadbolts and latches on wood doors. This bit also drills the hole in wood frames for the deadbolt or latch.

INJIG-124: 1-1/2" Bushing Plate - Hardened steel plate used for locks requiring a cross bore of 1-1/2". Part includes only 1 plate. Protects the jig from getting cut by bits.

INJIG-126: 2-1/8" Bushing Plate - Hardened steel plate used for locks requiring a cross bore of 2-1/8". Part includes only 1 plate. Protects the jig from getting cut by bits.



PRO-LOK

THE KILLER JIG HISTORY

PRO-LOK decided to design our 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. We have continued to make quality improvements to help the accuracy of the installation over the 20+ years of manufacturing the kit.

HA YfY UFY bi a Yfci g UXj UbHU[Yg hc Xj Y]bhc k \ Yb X]gW gg]b['H]g '['k \]W UFY U` a YUbh hc XYWYUgY H Y]bgH U` Uh]cb h]a Y k \]Y]bWYUg]b['H Y UWW fUW h Uh H Y gUa Y h]a Y'' =Znci UFY UVY hc]bWYUgY H Y bi a VYf cZ]bgH U` Uh]cbg]b U gYh Ua ci bhicZ h]a Y H Yb nci WUb i h]a Uh Y m]bWYUgY nci f dfcZ]hg UbX VYH Yf gYfj Y nci f Wghca Yfg cf VYH Yf i h] nY nci f h]a Y cb ch Yf UWj]h Yg"

MADE IN THE USA

Every component that is on the killer jig body is made at our manufacturing facility from raw material to the finished part. We take great pride in the quality of our tools and look forward to you using our tool for your installation needs. Please let us know if you have any feedback or suggestions for us to improve!

BACKSET

The most common backsets in the industry are 2-3/8" and 2-3/4". There are no tools or strength or adjusting necessary to change the backset back-and-forth due the the easy to change design of the backset knobs. These two knobs are machined out of solid aluminum and have a powdercoated finish. A ball bearing allows for you to switch the backset with a simple 180 degree turn on the top and bottom of the jig and then you are good to go!

PROTECTION

The jig comes with 8 rubber pads that fit into the jig with machined holes so that they do not peel off or fall out during the installation. These pads are specially designed to protect the door surface so no touch-ups should be required on the door! We also utilize hardened bushing plates to protect the jig so that you are able to drill worry free while also allowing you to switch very easily from 1-1/2" to 2-1/8" diameter installations.

CONVENIENCE AND COMFORT

The carrying case and custom molded design allows for you to carry all necessary tools with you to be job site without worrying about leaving something behind. The knobs are all made from solid aluminum and designed with comfort in mind. Now lets get to work!

PRO-LOK

Instructions: Watch Video Installation Here

Note: the kit does not include bits to cut metal doors.
We recommend purchasing hole saws designed for the material you are cutting through.
Other items needed: Safety glasses, Phillips head screwdriver, chisel and measuring tape.

1. DETERMINE THE HOLE SIZE

- a. Determine the appropriate hole size necessary for your installation.
- b. The INJIG-KJ comes from the factory with the 2-1/8" bushing plates (Part INJIG-126) already installed.
- c. If your installation requires a 2-1/8" hole then ensure screws are tight and then skip to the next section 2 (Fig A).
- d. If you need a 1-1/2" hole, change the jig to the 1-1/2" bushing plates (INJIG-124) with a Phillips head screw driver.
- e. Using a Phillips screwdriver remove the 4 screws (2 on each side) holding in the 2-1/8" bushing plates.
- f. Remove the existing bushing plates from both sides of the jig.
- g. Insert the 1-1/2" bushing plates on both sides of the jig and replace the 4 screws (Fig B).

2. DETERMINE THE BACKSET

- a. Determine the backset of the lock to be installed (either 2-3/8" or 2-3/4")
- b. If the backset is 2-3/8", turn the top backset knob and the bottom backset knob towards the edge of the door so that it hits the edge of the door sooner (Fig C).
- c. If the backset is 2-3/4", turn the top backset knob and the bottom backset knob away from the edge of the door so the jig goes deeper into the door (Fig D).

Fig. A - 2-1/8" Bore



Fig. B - 1-1/2" Bore



Fig. C - 2-3/8 Backset



Fig. D - 2-3/4 Backset



PRO-LOK

3. ADJUST THE JIG TO THE DOOR THICKNESS

- Place the jig on the door at the desired height (Fig E).
- Loosen the star star shaped knob so that it does not impede the tightening of the clamp (Fig F).
- Tighten the larger clamping knob so that the jig is just starting to touch the door - not tight (Fig G).
NOTE: Make sure both backset adjustment knobs are touching the edge of the door.
- Tighten the star knob the rest of the way until jig is tightly secured to the door (Fig H).
NOTE: The jig should not move when pulled or pushed up or down. Do not start drilling until the jig is properly secured.



Fig E

4. BORE THE LOCK AND LATCH HOLES

- Verify the dimensions you are using match the manufacturer of the hardware instructions.
- Wear safety gear at all times when using the tools.
- Insert the appropriate size multi-spur bit (1-1/2" or 2-1/8") into your drill and tighten into chuck (do not use hammer setting). **NOTE: If working on a metal door use appropriate bits.**
- Use a high speed setting and drill half-way through 1 side and pull-out slowly (Fig I).
- Go to the other side of the door and drill through the rest of the way for a clean cut (Fig J).
- Remove multi-spur bit and insert 1" diameter auger bit into the drill.
- Drill the 1" hole until you reach the bore cutout (Fig K).
- Remove the drill from the door.
- Loosen the large knob on jig while holding the jig with the other hand to prevent the jig from falling.

Fig F



Fig G



Fig H

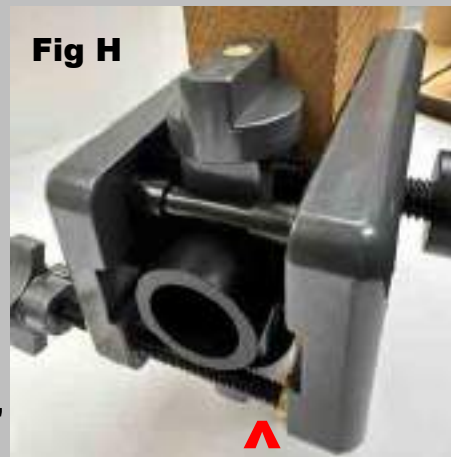


Fig I



Fig J



Fig K



PRO-LOK

5. MORTISE FOR THE LATCH PLATE

- Select the correct size latch marker (Tab 1) to match your latch faceplate.
- Insert the latch marker into the 1" latch hole and align parallel to the edge of the door.
- Press firmly on the latch marker to embed the screw locator points into the edge of the door.
- Tap the latch marker with a hammer to mark the door (Fig L).
- Remove the latch marker and mortise with a chisel within the marked area to the desired depth (Fig M).

Tab 1 Part #	Rectangle Size	Hole Guide Diameter	Distance Between Points
INJIG-100	1-1/8" x 2-3/4"	7/8"	2-1/8"
INJIG-101	1-1/8" x 2-1/4"	7/8"	1-5/8"
INJIG-102	1-1/8" x 2-1/4"	1"	1-5/8"
INJIG-103	1" x 2-1/4"	1"	1-5/8"
INJIG-104	1-5/8" x 2-1/4"	1"	N/A

Fig L



Fig M



6. LOCATE THE STRIKE

- Insert the strike locator into the latch hole with the sharp point towards the door jamb (Fig N).
- Close and hold the door tightly closed against the door jamb.
- Mark the center by pressing the strike locator firmly against the door jamb (Fig O).
- Pull the strike locator away from the jamb with finger or flat head screwdriver.
- Drill the latch hole to the desired depth using the 1" auger bit (Fig P).

Fig N



Fig O



Fig P



PRO-LOK

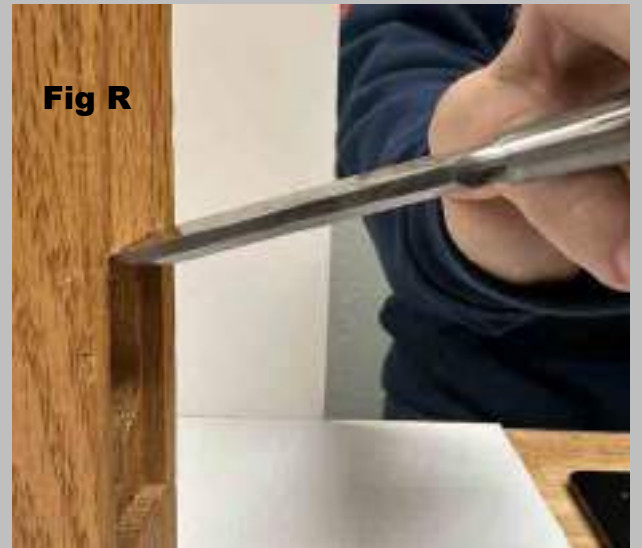
7. MORTISE FOR THE STRIKE PLATE

- a. Select the correct latch marker (Tab 1) to match your strike plate.
- b. Insert the latch marker into the latch hole and align parallel to the edge of the door.
- c. Press firmly to embed the screw locator points into the door jamb.
- d. Tap the latch marker with a hammer to mark the door jamb (Fig Q).
- e. Remove the latch marker and mortise with a chisel within the marked area to the desired depth (Fig R).
- f. Install the hardware following the instructions provided by the hardware manufacturer.

Fig Q



Fig R



PRO-LOK

Technical Support

Our website www.pro-lok.com includes videos of our jig in action as well as other installation tools you may be interested in.

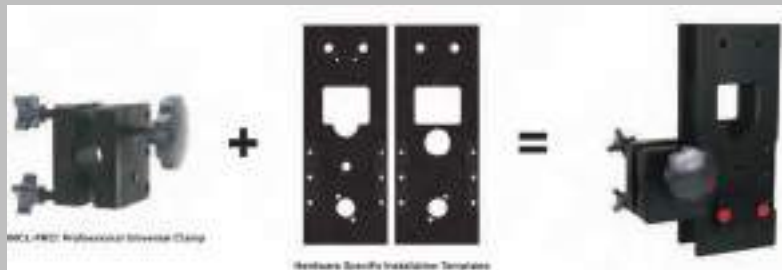
If you are having issues with a component of your jig, use this diagram to help identify which component when you call us for support. Check out our website for additional details and videos. If you need additional support call us a 714-633-0681 or email us at helpdesk@pro-lok.com



PRO-LOK

INCL-PRO - Professional Installation Clamp

- Modular design for fewer tools at a more economical price.
- Templates for various hardware manufacturers: Schlage, Sargent, Alarm Lock, Etc.
- Designed to prep both the inside and outside of the door.
- Maintains full contact with the door to reduce installation errors.
- Features true sized holes to eliminate hole size guessing and ensure accuracy.
- Features hardened, heat treated steel bushings (where applicable).
- Designed for 2-3/4" standard backset, Self-Centering



INJIGC-MORT - Mortise Jig Kit

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!



The **Blue Punch Key Machine** has been a market leader for decades with top-of-the-line reliability and accuracy. No machine comes close to the ease of use and quality. Almost every single process and part is manufactured right here in the USA. It is a dedicated key punch machine designed to provide factory original keys at the speed of a duplicator. The Blue Punch is fast, extremely accurate, and easy to use. The key machine is set up at the factory to provide automatic spacing and depth.

Key Machine Options:

BP201SC: Schlage Classic, Everest C and Everest 29 S.

BP201IC: A2 Standard Interchangeable Core (I/C).

BP201KW: Kwikset Standard

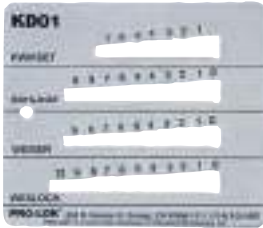
BP201SCEB: Everest B and Everest 29 R

BP201SCED: Everest D and Everest 29 T

Other machines available include Medeco, Instakey, Yale, Corbin, Weiser, and more.



PRO-LOK

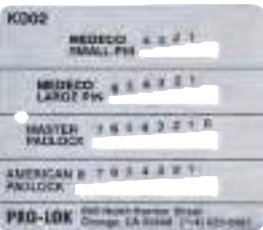


KD01 Key Decoder



Decoder for Kwikset, Schlage, Weiser, and Weslock.

Made from Stainless Steel

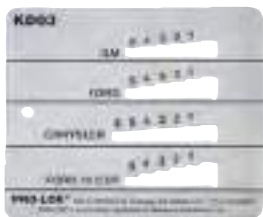


KD02 Key Decoder



Decoder for Medeco Small Pin, Medeco Large Pin, Master Padlock, and American Padlock.

Made from Stainless Steel

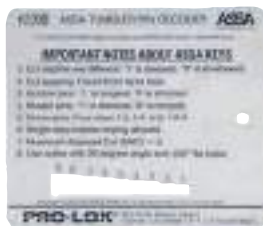


KD03 Key Decoder



Decoder for GM, Ford, Chrysler, and Ford 10 Cut.

Made from Stainless Steel



KD98 Key Decoder



Decoder for ASSA.

Made from Stainless Steel



KDIC Key Decoder



Decoder for Best/Falcon and other I/C/ keys using standard A2 increments.

Made from Stainless Steel



KDKW Key Decoder



Decoder for Kwikset.

Made from Stainless Steel



KDSC Key Decoder



Decoder for all Schlage and other (Schlage type) keys using factory increments.

Made from Stainless Steel

LT370 Master Pin Follower

A versatile tool to be used for removal of upper chamber master pins (up to .100) with a quick twist. May also be used for standard rekeying tasks.

Made from machined aluminum to exacting tolerances with an anodized finish.

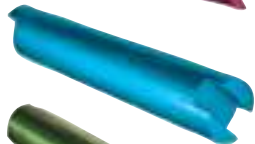


LT371 4 Piece Follower Set

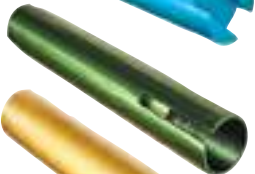
Includes LT371-395, LT371-495, LT371-500, LT371-555



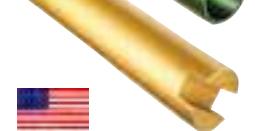
LT371-395 .395 Diameter
For removal of most small pin tumblers.



LT371-495 .495 Diameter
Standard follower with two different end configurations.



LT371-500 .500 Diameter
For standard rim cylinders. 2 different end configurations



LT371-555 .555 Diameter
Standard follower with two different end configurations.

LT340 IC Rekey / Decode / Dump Tool

Several tools in one. Clear chambers and decode. Chamber cap and retainer sleeve staking feature. Holds the key cylinder and provides a place to dump the pins for decoding or disposal. Also acts as a holding fixture for rekeying.



LT350 Single Plug Holder

The single plug holder will accommodate all Schlage full size plugs, including Primus plugs with side bars. The holder has 2 grooves for the side bar in Primus plugs, so any plug may be inserted from either end of the holder. Making it easy to insert pins into plug.



PRO-LOK.com | Phone: 866.679.1366

PRO-LOK.com