

# **SURE-STRIKE INSTALLATION INSTRUCTIONS**

## **(WITHOUT SURE-STRIKE DRILL GUIDE)**

READ ALL INSTRUCTIONS BEFORE BEGINNING.

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### **REQUIRED TOOLS**

- Power drill
- 1/8" drill bit
- Hammer & chisel
- 1 3/8" bi-metal hole saw
- Hole saw mandrel
- Hole saw extension (recommended at least 5" in length).

*NOTE: AUGER, FORSTNER OR PADDLE BLADE BITS SHOULD NOT BE USED FOR THE SURE-STRIKE INSTALLATION.*

### **HARDWARE INCLUDED IN PACKAGE**

- Sure-Strike<sup>®</sup> unit
- Cover plate
- 3 1/2" screws (x2)

***CAUTION:** In the rare case that less than 2" exists between the door-stop and edge of the doorjamb, there may not be sufficient area to install the Sure-Strike. The installer should measure this area and use caution before proceeding with installation.*

### **RECOMMENDED INSTALLATION PROCEDURE**

Read all instructions before installing.

**TIP #1:** When drilling the 1 3/8" hole for the Sure-Strike housing, if the drill is not making progress, remove the hole-saw and check for any obstructions.

**TIP #2:** Be careful to not contact hidden electrical or doorbell wires.

**TIP #3:** Not all hole-saws are the same so we highly recommend drilling a test hole in a scrap 2x4 to insure the Sure-Strike housing can be properly inserted without using excessive force. If the test hole is too tight, then during actual installation it may be necessary to use the assembled hole saw to enlarge the hole (by reaming the hole slightly) prior to insertion of the Sure-Strike into the hole.

1. Test the deadbolt to ensure compatibility with Sure-Strike by extending the deadbolt until it is fully extended; place pressure on the end of the bolt by hand while at the same time attempting to retract the deadbolt using the key or knob. If the deadbolt retracts, continue with the installation. In the rare situation where the deadbolt will not retract, contact us at 888-474-2341 for assistance.
2. Remove the old strike plate.

3. Using the round rear section of the Sure-Strike housing, determine where the 1 3/8<sup>th</sup> hole will be drilled and mark the circle on the doorjamb (*NOTE: It is important to mark the area centered directly over the previous deadbolt shaft hole*).
4. Using the hole saw drill through the doorjamb and partially into the first 2x4 then remove the wood plug from the hole saw (*NOTE: IT IS VERY IMPORTANT THAT THE HOLE BE DRILLED AT A 90-DEGREE ANGLE FOR PROPER SURE-STRIKE FUNCTION; the Drill Guide helps significantly in this regard*).
5. Using the hole saw (with extension attached) drill completely through the first 2x4 and remove the plug.
6. Using the hole saw (with extension attached) drill completely through the second 2x4 and remove that plug.
7. Clean all debris from the hole and insert the Sure-Strike (*See TIP #3*).
8. With the Sure-Strike unit in place mark the screw holes and the area around the flange and then remove the Sure-Strike from the hole.
9. Using the 1/8" drill bit, drill the pilot holes for the 3 1/2" screws of the Sure-Strike unit where marked.
10. Chisel out the doorjamb area marked out in Step #8, above, approximately 3/16" deep so that the Sure-Strike housing flange plus Sure-Strike Cover Plate will be flush with the doorjamb surface (*NOTE: IT IS VERY IMPORTANT TO MAKE SURE THE CHISELED OUT AREA IS SMOOTH WITH NO RAISED AREAS, ESPECIALLY AROUND THE HOLE*).
11. Re-insert the Sure-Strike into the hole.
12. Place the Sure-Strike Cover Plate (with logo facing out) over the Sure-Strike housing flange.
13. Screw the Sure-Strike and the Sure-Strike Cover Plate to the doorjamb using the 3 1/2" screws (*NOTE: Do not over-tighten*).
14. Now close your door and check the function of the Sure-Strike with deadbolt knob (if present) and deadbolt key. In some rare occasions older deadbolts may need interior lubrication to function correctly with the pressure of the spring loaded pins of the Sure-Strike.
15. Enjoy not having to ever move your strike plate again!