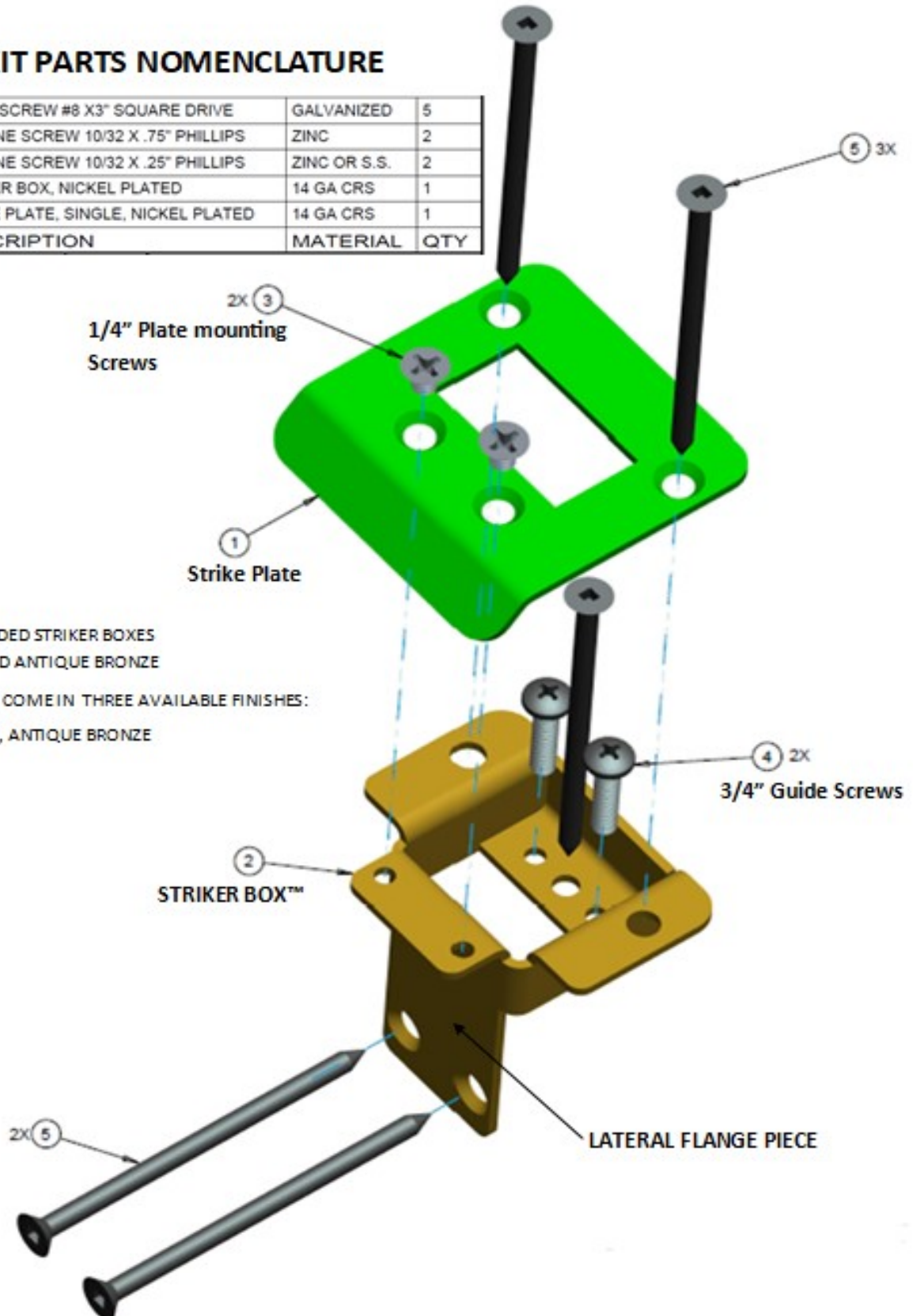




## INSTALLATION INSTRUCTIONS

### KIT PARTS NOMENCLATURE

5	WOOD SCREW #8 X3" SQUARE DRIVE	GALVANIZED	5
4	MACHINE SCREW 10/32 X .75" PHILLIPS	ZINC	2
3	MACHINE SCREW 10/32 X .25" PHILLIPS	ZINC OR S.S.	2
2	STRIKER BOX, NICKEL PLATED	14 GA CRS	1
1	STRIKE PLATE, SINGLE, NICKEL PLATED	14 GA CRS	1
ITEM	DESCRIPTION	MATERIAL	QTY





## **INSTALLATION INSTRUCTIONS**

### **Theory of Operation**

STRIKER BOX changes the physics of door security. Using an embedded, heavy duty 14 gauge 2-part steel box, cut into the door jamb, fixed to the studs by five 3" wood screws arranged in perpendicular planes & stabilized by steel stabilizer screws, STRIKER BOX greatly increases external door security against intrusions. It looks just like a conventional strike plate, but when properly installed into the door frame, with a deadbolt and a common medium security external steel door with other common hardware, will increase that door's impact resistance beyond the highest established ASTM Door impact rating of Security Grade 40.

#### **EACH KIT INCLUDES:**

- 1-STRIKER PLATE (SPECIFY PLATING SATIN NICKEL, SATIN BRASS, OR ANTIQUE BRONZE)
- 1-STRIKER BOX, NICKEL PLATED
- 5- #8 x 3" WOOD SCREWS (#2 PHILLIPS DRIVE, BIT NOT INCLUDED)
- 2 PHILLIPS  $\frac{3}{4}$ " (BOX) STABILIZING SCREWS
- 2 PHILLIPS  $\frac{1}{4}$ " (PLATE) MOUNTING SCREWS

#### **TO INSTALL YOU WILL NEED THE FOLLOWING:**

- A good cordless drill with a #2 Philips bit
- Reciprocating Saw (recommended) or Jig Saw or Dremel tool for cutting into wood.
- Hammer and  $\frac{3}{4}$ " chisel (if not using Reciprocating or Dremel saw)
- Utility Knife, hammer, pry bar, and caulk for removing and replacing door trim (disregard on new construction)
- 4 wood shims, and 4 to 6 2" finishing nails to secure shims if necessary
- Philips Hand screwdriver and a Pencil



## INSTALLATION INSTRUCTIONS

### Installation Instructions.

Note: Use extreme caution when working with power tools. Wear protective eyewear and gloves.

These instructions are written for the more involved process of retrofitting onto an existing door. Installation of STRIKER BOX to new construction will not likely involve as many steps, and these steps are annotated below with **(if necessary)**.

1. Remove existing strike plate from the door jamb **(if necessary)**.



2. Using a good sharp utility knife razor, score the caulking between the face of the door jamb and the vertical door trim piece nearest the strike plate **(if necessary)**



3. Carefully remove the door trim with pry bar and hammer. Remove door weather-stripping **(if necessary)**

4. Take out the STRIKER BOX kit. Align Striker Plate over strike box holes and fasten the two main pieces together using the ¼" mounting screws provided. Using the Lateral Flange part of the Strike box as a marker guide, line it up exactly **level and evenly centered over the predrilled area for the door latch**. If there is no predrilled hole you will need to mark where the door latch comes in contact with the jamb, and mark off of that.



Mark around the form of the jamb on top and bottom. These are your cut marks.





## INSTALLATION INSTRUCTIONS

5. Now you are ready to make your cut out of the door jamb. We recommend an oscillating saw as shown, but you are free to use whatever cutting method best suits you. You will need to cut just OUTSIDE of the pencil marks you made; above the top line and below the bottom line, to allow play room for the Strike Box to insert. Start your cuts in on the corners to get the blade going and to avoid marking up the jamb with blade skips.



Shims may need to be nailed in on top and bottom of the access **(If necessary)**



6. Clean away Debris from the hole and verify the box fits neatly and squarely into the cut space. Next you prepare to mortise out the rest of the jamb and sheetrock to accommodate the striker box and strike plate when mounted, by first marking the outside of the side flanges to the box, top and bottom, then mark the sheetrock around the lateral flange, before cutting the sheetrock away to allow for its fitment **(If necessary)**





## INSTALLATION INSTRUCTIONS

7. Using an oscillating saw or chisel, cut in 1/8" where the mounting marks were on the top and bottom of the box. Once you have mortised out the door jamb to receive the striker plate, you are ready to install the assembly.



8. Mount the Striker Box piece in the prepared cavity. Using a power drill with a #2 square drive, run wood screws in both of the lateral flange holes. Using a hand screwdriver with a #2 Philips head, insert both guide screws into the top and bottom threaded holes at the bottom of the striker box. Tighten down until both screws are firm, then go in another 1 turn. These stabilizers set the box and provide additional support. Next drive provided 3" wood screws in through the center hole between the guide screws to set the box.



9. Mount the outer Strike Plate onto the Striker Box and tightly refasten the two mounting screws. Medium Loctite may be used if desired to prevent long term loosening of those screws, but is not necessary. Drive the remaining two wood screws through the strike plate holes. Replace weather-stripping and trim. Caulk around strike plate and trim. Paint if necessary.



END.