

# STRUCK BARN DOOR HANGER

ASSEMBLY INSTRUCTIONS



# STRUCK BARN DOOR HANGER Recommended Tools



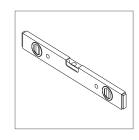
Drill with 1/8" and 1/4"
Drill Bits, 1-1/8" Forstner
Bit or 1-1/8" Spade Bit,
and Phillips Bit



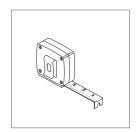
9/16" and 5/8" Combination Wrench



Socket Wrench with 9/16" and 5/8" Sockets

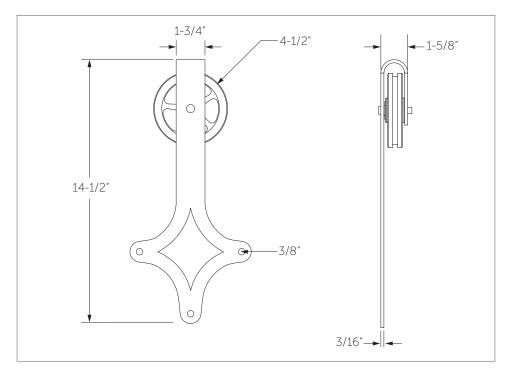


Level



Tape Measure

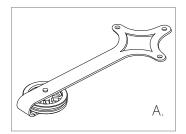
# STRUCK BARN DOOR HANGER Specifications

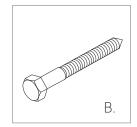


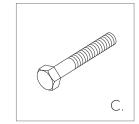


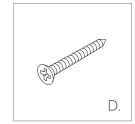
#### NOTE:

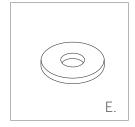
The following instructions are for flat track systems only. Do not attempt to use on tube, box, Bypass, J tracks, or ceiling mount track systems.

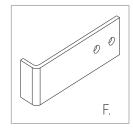




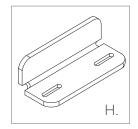






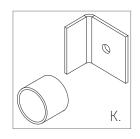


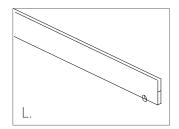












#### **PARTS**

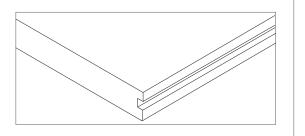
- A. Hanger Assembly
- B. Lag Screw
- C. Fastener Screw
- D. Phillips Screw
- E. 1" Washer
- F. Anti-jump Bracket
- G. Anti-jump Block\*
- H. Door Guide
- I. Adjustable Spacers
- J. Acorn Nut
- K. Hard Stop & Rubber Bumper
- L. Track
- \*For use on bi-parting door systems.

Use teamwork. We recommend two people for this build.



#### NOTE:

Doors using Floor Mount Door Guides will have a groove on the bottom. Ensure this groove is on the opposite end of the Door Hanger Installation.



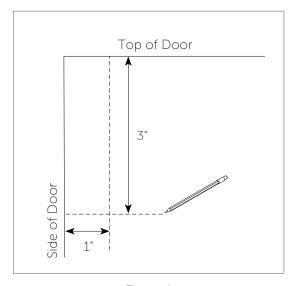


Figure 1

#### HANGER INSTALLATION

1. Lay the door face up on a smooth, level surface. Measure and mark 1" from the side edge of the door. Measure and mark 3" from the top edge of the door ensuring lines from both measurements intersect (Figure 1).

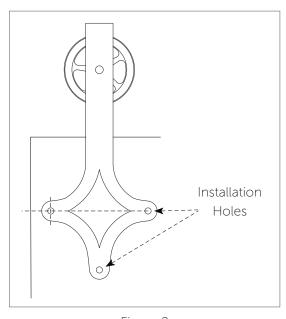


Figure 2

- 2. Place the hanger on the front of the door facing up with the upper left installation hole over the intersecting mark. Mark the upper and lower installation holes on the door with a pencil (Figure 2).
- 3. Repeat steps 1 and 2 for the opposite end of the door. Set the hangers aside.



## STRUCK BARN DOOR HANGER Track & Door Installation Instructions

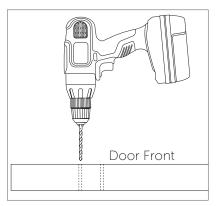


Figure 3

- 4. Drill three pilot holes all the way through the door for each hanger using a drill with an 1/8" drill bit (Figure 3).
- 5. Turn the door over. Using a 1-1/8" Forstner bit\*, drill a 7/16" deep hole into each pilot hole (Figure 4).
- \*A 1-1/8" Spade bit may be used in pace of a Forstner bit.

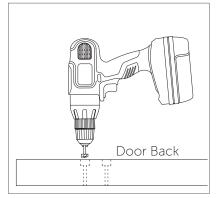


Figure 4

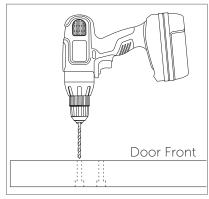
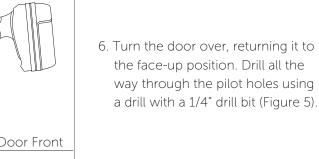
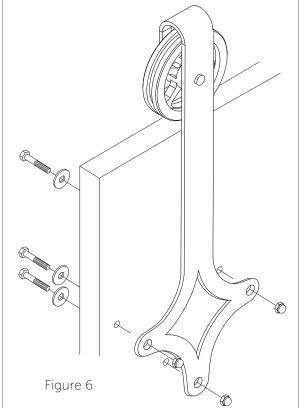


Figure 5





7. Install the hangers to the front of the door using hex bolts, washers, and acorn nuts (provided) (Figure 6).



#### FIRST THINGS FIRST

Check to see if the floor below the track is level. If the floor rises more than 1/2" the door may rub or not slide open completely. If the floor is not level, measure from the highest point of the floor to the recommended track placement and adjust track placement accordingly.

Ensure the track will be installed onto wall studs. If wall studs are not lining up with the installation a header will be required to provide the necessary strength and stability for the track and door.

#### TRACK & DOOR INSTALLATION

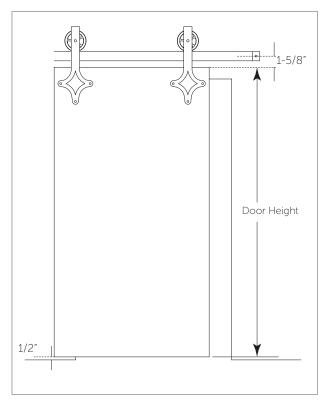


Figure 1

- 1. To determine where the track should be installed, first measure the height of the door, then add 2-1/4" to the door height. 1/2" of this total will be for the clearance between the bottom edge of the door and the floor. 1-5/8" will be from the top edge of the door to the center of the track. (Figure 1).
- 2. Using a level and a pencil, make a line above the doorway the same length as the track.
- 3. Hold the track up to where the pencil line is visible through the holes in the track (Figure 2).

#### **SUGGESTION:**

Use pieces of double stick tape on the back of the track to help hold the track in place while completing steps 2 and 3.

- 4. Mark an intersecting line in the center of each track hole (Figure 2).
- 5. Take the track down, remove double stick tape (if used) and set the track aside.

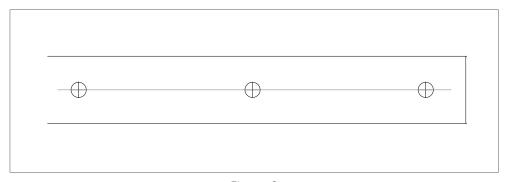
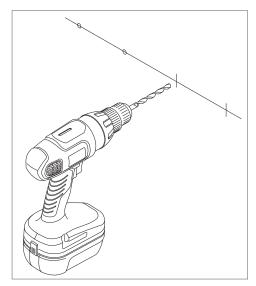


Figure 2



# STRUCK BARN DOOR HANGER Track & Door Installation Instructions



6. Drill out the marked holes using a drill with a 1/4" drill bit (Figure 3).

Figure 3

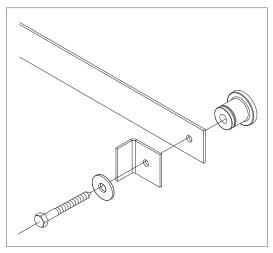
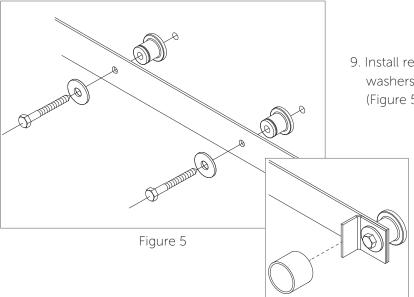


Figure 4

- 7. Attach one end of the track to the wall with one hard or soft stop, one lage screw, and one washer (provided) using a socket wrench with 9/16" socket (Figure 4). Do not tighten.
- 8. Repeat step 7 for the other end of the track.



9. Install remaining spacers with lag screws and washers (provided) using a 9/16" socket wrench (Figure 5). Tighten all lag screws.

10.Stretch rubber bumper (provided) over hard stop. Repeat for the hard stop on the other end of the track (Figure 5A).



Figure 5A

#### STRUCK BARN DOOR HANGER Track & Door Installation Instructions

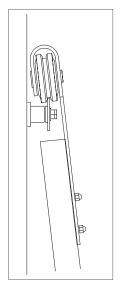


Figure 6

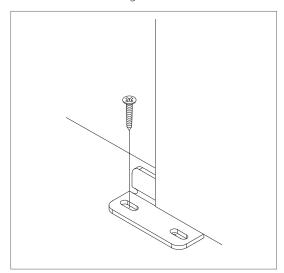


Figure 7

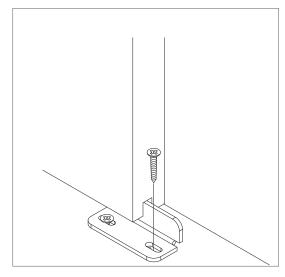


Figure 8

11. Hang the door (Figure 6).

## **DOOR GUIDE INSTALLATION**

- 12. With the door in the closed position, ensure the door is hanging straight using a bubble level.
- 13. Position the Door Guide part way into the groove in the bottom of the door (Figure 7).

#### **SUGGESTION:**

Use double stick tape on the bottom of the door guide to hold the guide in place.

- 14.Install the Door Guide using a 1" phillips screw (provided) and a drill with a phillips bit.
- 15. Slide the door toward the open position until the other side of the Door Guide is exposed.
- 16.Install the second 1" phillips screw (provided) using a drill with a phillips bit (Figure 8).



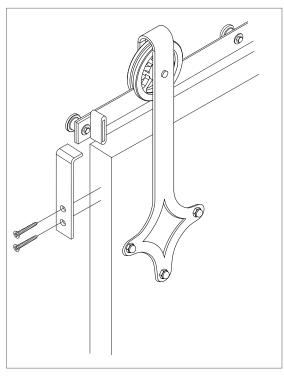


Figure 9

#### ANTI-JUMP GUIDE INSTALLATION

17.Place the Anti-Jump bracket on the door side, moving the bracket up until it is between 1/8" and 1/16" from the bottom edge of the rail. Mark the placement with a pencil.

#### **SUGGESTION:**

Use double stick tape on the back of the antijump bracket to hold it in place on the door.

- 18.Install the bracket to the door edge with 2 phillips screws (provided) using a drill with a phillips bit (Figure 9).
- 19. Repeat steps 17 and 18 for the opposite end of the door.

### ANTI-JUMP BLOCK INSTALLATION FOR BI-PARTING DOORS

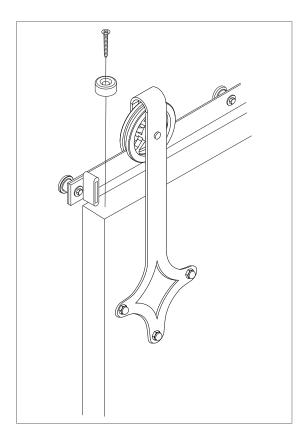


Figure 10

20.Place the anti-jump block on the top of the door (Figure 10). Using a drill with a phllips bit, install the the block with the 1" phillips screw (provided).

#### **SUGGESTION:**

Use double stick tape on the back of the antijump block to hold it in place on the door.

21. Repeat step 20 for the opposite end of the door.



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CONGRATULATIONS ON YOUR DECISION TO BRING HOME AN AMERICAN MADE PRODUCT OF THE HIGHEST QUALITY. WE HOPE YOUR STRUCK BARN DOOR HANGER SYSTEM BRINGS ART AND FUNCTION INTO YOUR LIFE.

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