

Wood Door

Lift Handle/Gripping Point

Installation Instruction



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Residential

Lift Handle/Gripping Point

Installation Instruction

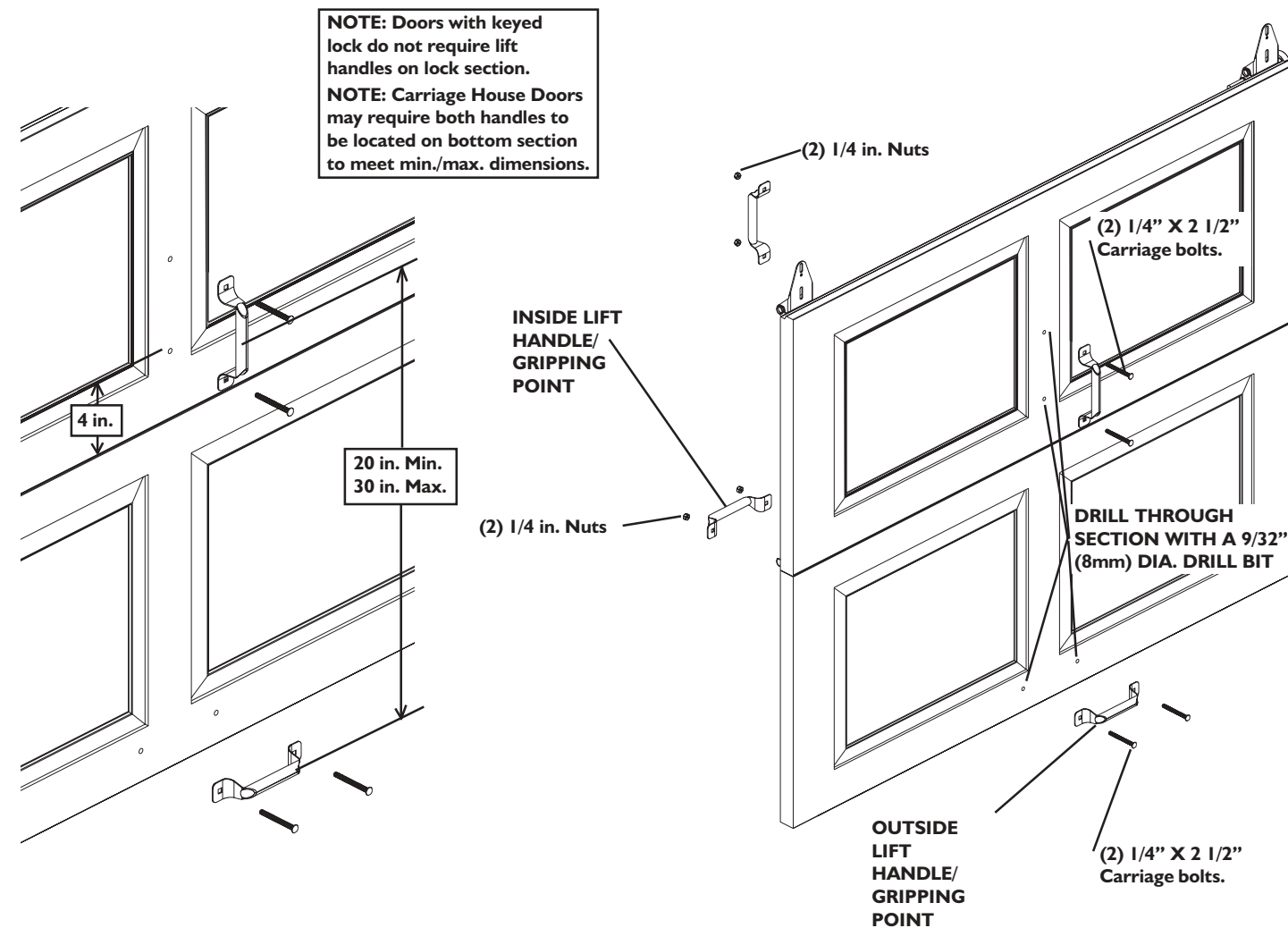


Figure C

Standard Bottom Section Lift Handle/Gripping Point - Locate the exterior center stile or the center of the bottom section. Mark a vertical line on the section at that point. Measure up 2 1/2" from bottom of section and make a horizontal center line. Center lift handle/gripping point on the horizontal line and mark both holes. Drill (2) 9/32" diameter holes thru section. Assemble the outside and inside lift handle/gripping point back to back with (2) 1/4" X 2 1/2" carriage bolts and nuts.

Standard Lock Section Lift Handle/Gripping Point - (**NOTE:** Doors with keyed lock do not require additional lift handles/gripping points.) Raise the door to a comfortable working height and secure with locking pliers to the track. Locate the exterior center stile or the center of the lock section. Mark a vertical line on the section at that point. (**NOTE:** Carriage House Garage Doors may require both lift handles to be installed on bottom section. If your bottom section is 28 in. or 29 in. install both lift handles on bottom section. Install bottom lift handle per instructions, then install second lift handle min. of 20 in. and a max. of 30 in. above bottom lift handle.) Measure up 4 inches from the bottom of the lock section. Using this measurement as a guide, position lift handle bottom hole and make a mark at the top hole in lift handle. This should give you a min. of 20 in. and a max. of 30 in. between lower lift handle/gripping point and the middle of the upper lift handle/gripping point. If needed reposition upper lift handle to stay within min. and max. dimension. Drill 9/32 in. holes through section. Assemble the outside and inside lift handle/gripping point back to back to the section using (2) 1/4" x 2 1/2" carriage bolts and nuts.

Lift Handles/Gripping Points

Lift handles or suitable gripping points for manually raising or lowering the door shall be installed on, or incorporated into, both the inside and the outside of the door as follows:

On the bottom section within 6 inches (152 mm) of the bottom edge of the section and located in line with the device on the second or third section.

On the second or third section from the bottom of the door at least 20 inches (508 mm) above, and no more than 30 inches (762 mm) above, the lower lift handle/gripping point.

Lift handles/gripping points that are installed within 4 inches (102 mm) of a section interface shall promote vertical orientation of the hand

⚠ WARNING!

FOUR (4) LIFT HANDLES/GRIPPING POINTS ARE REQUIRED ON THIS DOOR, LOCATED AS SPELLED OUT IN THE INSTALLATION INSTRUCTIONS, EVEN IF THE DOOR IS MOTOR OPERATED. FAILURE TO INSTALL AND USE THESE LIFT HANDLES/GRIPPING POINTS ON THIS DOOR CAN RESULT IN SERIOUS INJURY TO FINGERS AND/OR HANDS, IF PLACED IN THE OPENINGS BETWEEN SECTIONS, WHEN THE DOOR IS OPERATED MANUALLY.

⚠ WARNING!

TO AVOID SERIOUS INJURY TO FINGERS OR HANDS, NEVER PLACE FINGERS OR HANDS INTO SPACE BETWEEN DOOR SECTIONS WHEN CLOSING DOOR. ALWAYS USE LIFTING HANDLE/GRIPPING POINT WHEN MANUALLY OPERATING DOOR.

Please refer to the corresponding section for the following door models:

8300/8500, See Figure A

8000/8100 and Model 46, See Figure B

All Residential Wood Doors and Carriage House Doors, See Figure C

8300/8500

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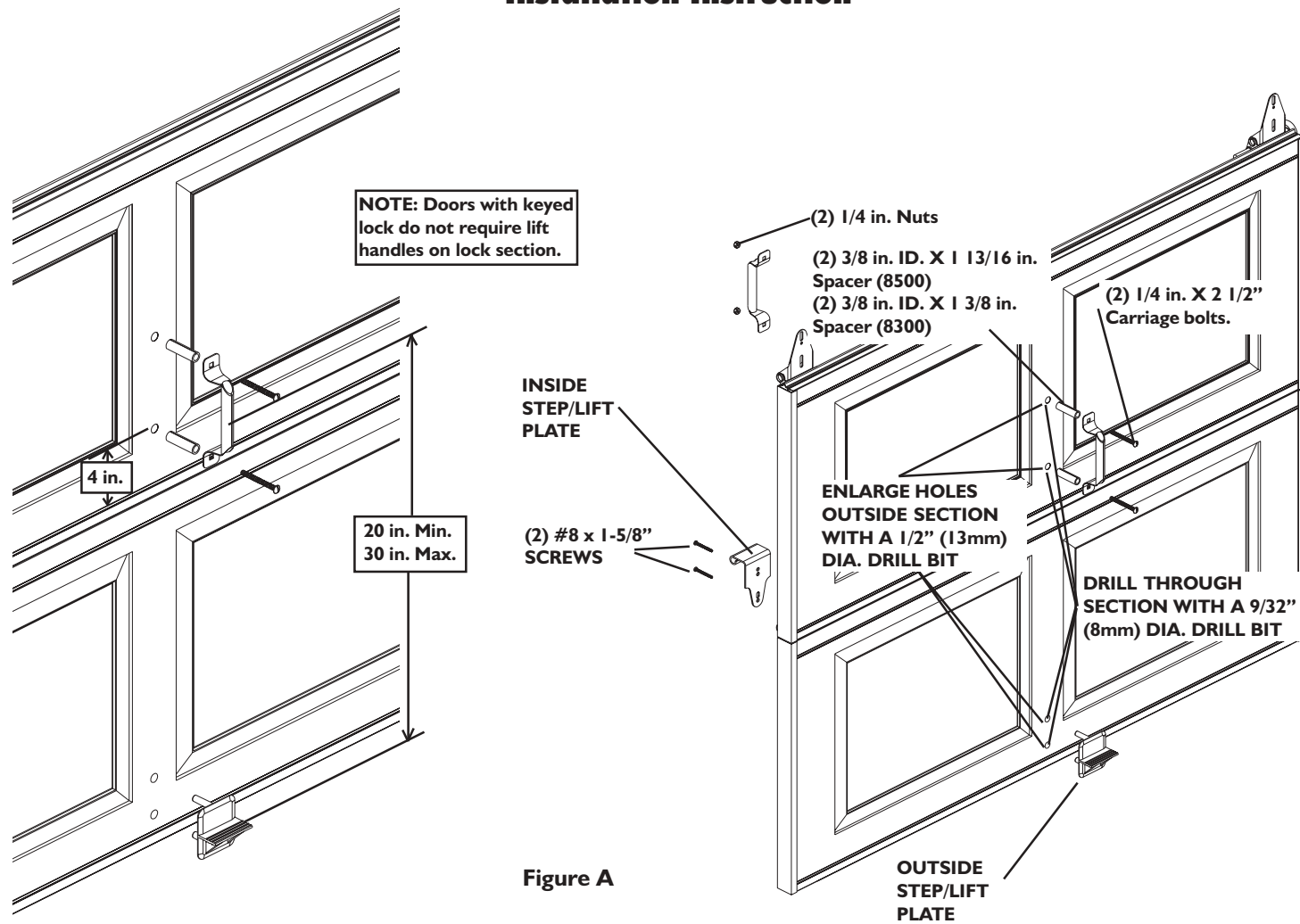


Figure A

8000/8100 & Model 46

Lift Handle/Gripping Point Installation Instruction

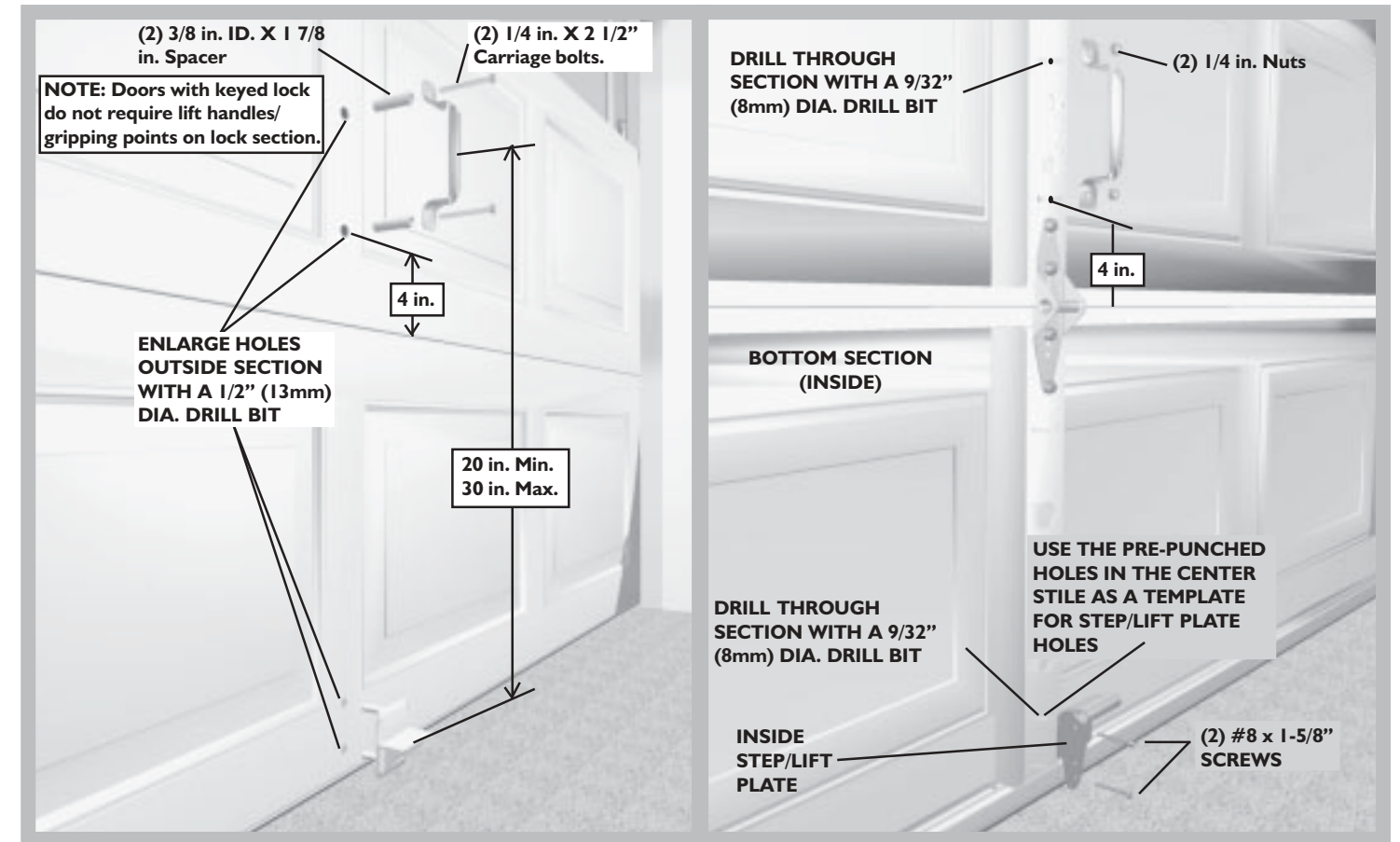


Figure B

Standard Bottom Section Lift Handle/Gripping Point - Raise the door to a comfortable working height and secure with locking pliers to the track. Locate the exterior center stile or center of the bottom section of the door. Mark a vertical line on the section at that point. Measure up 1-3/16" and 3-3/8" respectively and mark (2) horizontal center lines. Drill (2) 9/32" (8mm) dia. holes through the section. Using these previously drilled holes as a guide, enlarge the holes from the outside of the door to 1/2" (13mm) dia. (**NOTE:** Do not drill through or enlarge holes on the inside of the door.) Assemble the outside and inside step/lift plates to the section using (2) #8 x 1-5/8" screws.

Standard Lock Section Lift Handle/Gripping Point - (**NOTE:** Doors with keyed lock do not require additional lift handles/gripping points.) Raise the door to a comfortable working height and secure with locking pliers to the track. Locate the exterior center stile or center of the lock section. Mark a vertical line on the section at that point. Measure up 4 inches from the bottom of the lock section. Using this measurement as a guide, position lift handle bottom hole and make a mark at the top hole in lift handle. This should give you a min. of 20 in. and a max. of 30 in. between lower lift handle/gripping point and the middle of the upper lift handle/gripping point. If needed reposition upper lift handle to stay within min. and max. dimensions. Drill 9/32 in. (8mm) dia. holes through section. Enlarge the holes from outside of the door to 1/2" (13mm) dia. (**NOTE:** Do not drill through or enlarge holes on the inside of the door.) Assemble the outside and inside lift handle/gripping point back to back to the section using (2) 1/4" x 2 1/2" carriage bolts, (2) spacers, and (2) nuts.

Standard Bottom Section / Lift Handle/Gripping Point - Raise the door to a comfortable working height and secure with locking pliers to the track. Locate the center stile on the inside of the bottom section of the door. Using the pre-punched holes at the bottom of the stile as a template, drill (2) 9/32" (8mm) dia. holes through the section. Using the previously drilled holes as a guide, enlarge the holes from outside the door to 1/2" (13mm) dia. (**NOTE:** Do not drill through or enlarge holes on the inside of the door.) and assemble the outside and inside Lift Handle/Gripping Point to the section using (2) #8 x 1-5/8" screws.

Standard Lock Section Lift Handle/Gripping Point - (**NOTE:** Doors with Keyed lock do not require additional lift handle/gripping points.) Raise the door to a comfortable working height and secure with locking pliers to the track. Locate the inside center stile on the lock section of the door. Measure up 4 inches from the bottom of the lock section. Using this measurement as a guide, position lift handle bottom hole and make a mark at the top hole in lift handle. This should give you a min. of 20 in. and a max. of 30 in. between the lower lift handle/gripping point and the middle of the upper lift handle/gripping point. If needed reposition upper lift handle to stay within min. and max. dimension. Drill two 9/32 in. (8mm) dia. holes through section. Enlarge the holes from outside the door to 1/2" (13mm) dia. (**NOTE:** Do not drill through or enlarge holes on the inside of the door.) Assemble the outside and inside lift handle/gripping points to the section using (2) 1/4" x 2 1/2" carriage bolts, (2) spacers and (2) nuts.