



SLIDING DOOR HANDLE INSTALLATION, STRIKE AND ROLLER ADJUSTMENT INSTRUCTIONS (Includes Grade 40 Forced Entry Resistance Instructions)

PARTS INCLUDED:

- Sliding door interior handle with thumbturn
- Exterior handle
- Sliding door handle screws (2)
- #10 x 3" stainless steel pan head screws (4) for Grade 40 Forced Entry Resistance

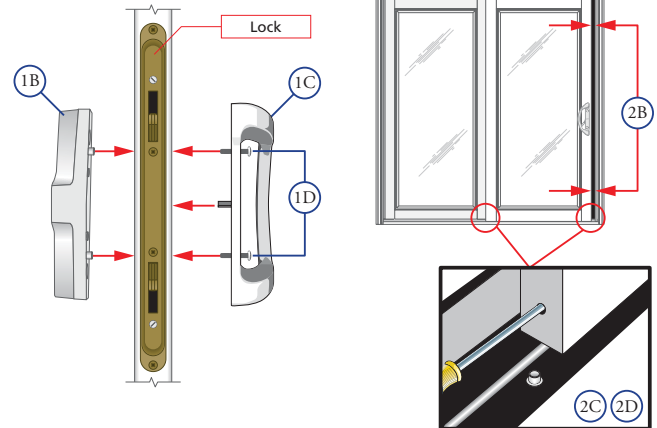
TOOLS REQUIRED:

- #2 Phillips screwdriver with 8" shaft
- Flat 3/16" wide blade screwdriver
- Drill and a 7/32" drill bit

REMEMBER TO USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

1 INSTALL THE HANDLES

- Remove the existing handles**, if necessary. Remove the two screws from the interior handle, then remove both the interior and exterior handle.
- Insert the exterior handle** into the door.
- Insert the interior handle** into the door while holding the exterior handle in place. Make sure the thumbturn tail shaft engages the slot in the door lock.
- Insert and tighten the handle screws** while holding both handles in place.

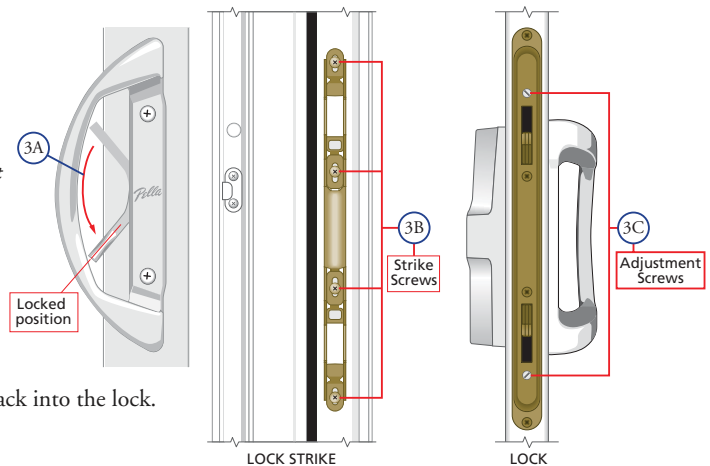


2 TEST AND ADJUST THE OPERATION OF THE SLIDING DOOR

- Test the operation of the door** by opening and closing it a few times. Make sure the door slides easily. If there are any problems with the door travel, recheck and adjust for plumb and square.
- Check the reveal.** Slide the movable panel to within 3" of the lock side of the door frame. Check for equal reveal at the top and bottom of the door. If the reveal is equal, skip to Step D. If the reveal is not equal, proceed to Step C.
- Adjust the reveal.** Remove the plastic cap from either of the roller adjustment holes located on the bottom of both edges of the movable panel. Use a #2 Phillips screwdriver with 8" shaft to rotate the roller adjustment screw. Turn the screw clockwise to raise, or counter-clockwise to lower that edge of the panel.
- Adjust the height of the movable panel** so the top of the panel is within 3/32" of the top of the frame head channel. Remove the plastic caps from the roller adjustment holes located on the bottom of both edges of the movable panel. Use a #2 Phillips screwdriver with 8" shaft to rotate each roller adjustment screw. Turn the screw clockwise to raise, or counter-clockwise to lower that edge of the panel. Replace the plastic caps.
Note: Be sure to turn the adjustment screws the same number of turns so that the reveal stays equal.

3 TEST AND ADJUST THE LOCK AND LOCK STRIKE

- Test the lock system** by closing and locking the movable door panel. Rotate the thumbturn away from the lock side of the door frame to lock the door. Make sure the door is locked and that there is no movement or play.
Note: If the door is not locked, adjust the strike according to Step B or adjust the latches to extend farther according to Step C. If there is movement or play, reduce the extension of the latches according to Step C.
- Adjust the lock strike** by loosening the four strike screws. Slide the strike up or down as needed so it will align with the latches. Tighten the strike screws and recheck the lock system.
- Adjust the extension of the latches** by rotating the two adjustment screws located at the top and bottom of the lock. Turn the adjustment screws clockwise to extend the latch out toward the lock strike, or counter-clockwise to move it back into the lock.



4 CONVERT TO GRADE 40 FORCED ENTRY RESISTANCE SECURITY RATING

Note: Conversion to Grade 40 Forced Entry Resistance Security Rating applicable only on doors installed using jamb screws or clips. Doors installed using installation fins DO NOT qualify for a Grade 40 rating.

- Remove the top three screws** in the lock strike.
Note: If all four screws are removed at the same time, the realignment of the strike to the latches will need to be performed.
- Drill a pilot hole** through each of the screw locations in the lock side of the door frame using a 7/32" drill bit. Be sure to drill through the first layer of Duracast material, the aluminum stiffener inside the frame, and the outer layer of Duracast material.
Note: DO NOT drill into the rough opening.
- Insert and tighten a #10 x 3" screw** through the strike and into each of the pilot holes.
- Remove the bottom strike screw** from the lock strike and repeat Steps 4B and 4C.

