

TROUBLE SHOOTING PROBLEMS WITH DOOR HARDWARE

For binding issues

Passage & Privacy

- 1) Always double check the boring instructions and templates for all door hardware preparation making sure the holes are straight and bored correctly. Pay close attention to the center to center door preparation. Improper boring will result in binding.
- 2) 8mm spindles are always inserted in a square position, 7.2mm spindles are always inserted in the diamond position.
- 3) Alignment of inside and outside trim is very important. When the trim is aligned properly, the spindle, latch and levers/knobs will operate nice and smooth without any binding.
- 4) When installing single rim cylinders make sure that the tailpiece is cut to the correct length. When attaching the sub-plate and screws through the deadbolt into the cylinder, you can adjust the cylinder and sub-plate by gently tightening screws for a smooth and easy operation.
- 5) When installing double rim cylinders it will include an inside and outside cylinder. The tailpieces are ready for installation. Insert outside cylinder tail piece into hub of the deadbolt. Repeat the procedure with the inside cylinder, the tailpieces should be overlapping in the hub of the deadbolt. Snap off breakaway screws to the proper length. Insert break off screws through inside cylinder and gently tighten up outside cylinder adjusting for a smooth action of deadbolt. Making sure the cylinders are working properly with the keys.

For sagging levers issues

Mortise entrysets

- 1) All mortise boxes use a 7.2mm spindle; this is inserted through the hub in a diamond position.
- 2) There are many different operations of door hardware. Always follow the installation instruction sheets which are included in every assembly kit.
- 3) The lever/knob x lever/knob mortise box entry sets relies on the door preparation a nice snug fit. If the lever is sagging down the spindle was not inserted in a diamond position through the hub. Make sure the o-ring has been pushed back over the split spindle against the hub for reinforced security of spindle.
- 4) On a thumbgrip x lever/knob mortise entry refer to #8. The outside trim has a thumb activator that needs to be cut at the correct length for thickness of door. Inside trim has a thumb turn which needs to be cut also. This will assure a smooth operation.
- 5) Thumbgrip x lever/knob tubular entry set. Place the out side trim on the door with the thumb piece in the up position placing spindle into latch. Attach bottom subplate and through screws to housing. Attach cylinder subplate and machine screws through deadbolt into cylinder adjusting and tightening all subplate screws

testing key and thumb depress for smooth operation. Insert spindle into lever/knob with notches facing out in the diamond position aligning spindle and tailpiece into latch and thumbturn fastening inside trim to the door.