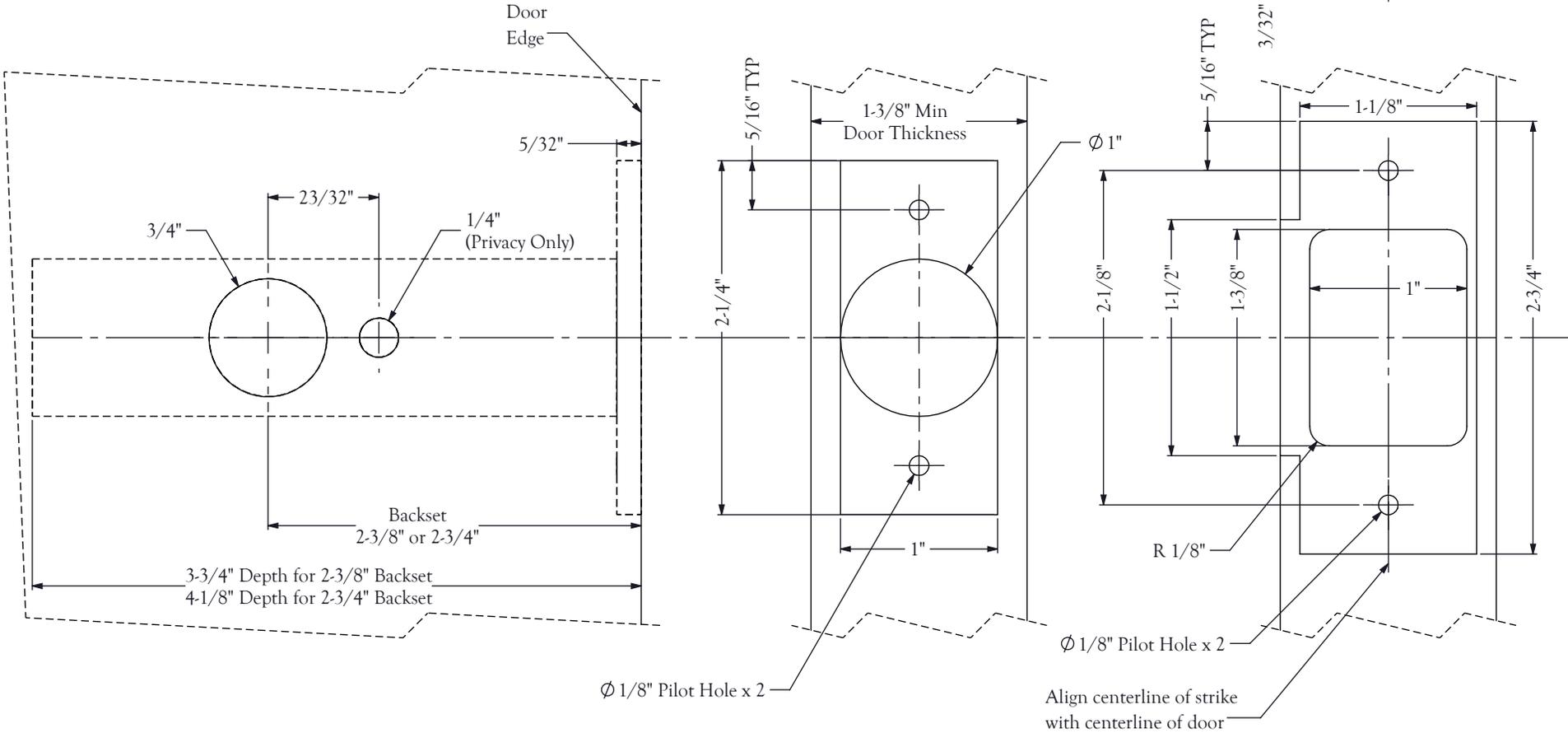


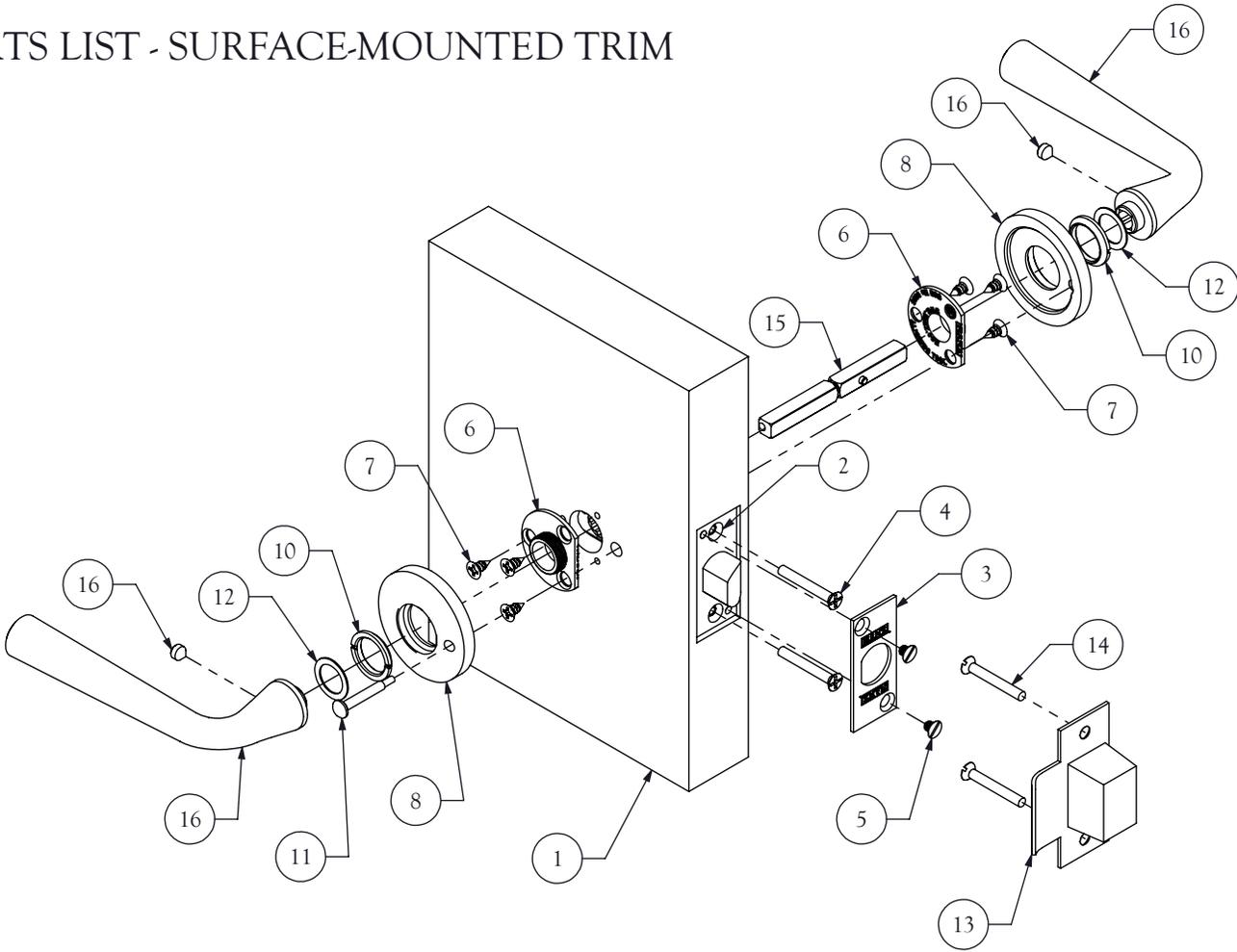
## CONTENTS

- Surface-Mounted Hardware
  - Sheet 2 - Mortising instructions for surface mounted trim
  - Sheet 3 - Parts list for surface mounted trim
  - Tubular latch installation
  - Surface-mounted subrose alignment
  - Surface-mounted trim installation
  
- Through-Mounted Hardware for Doors with 2-1/8" Bore Hole
  - Mortising instructions for 2-1/8" bore hole
  - Parts list for through-mounted hardware
  - Tubular latch and bore hole adapter installation
  - Trim installation
  
- Lever Installation
  
- Knob Installation
  
- Dummy Handle Installation

## DOOR AND JAMB PREP FOR TUBULAR LATCH WITH SURFACE-MOUNTED TRIM

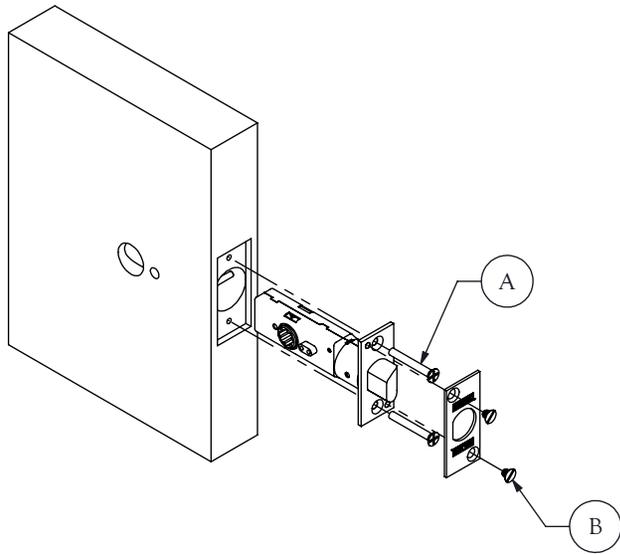


## PARTS LIST - SURFACE-MOUNTED TRIM



16	Set Screw	*2 for Levers, 4 for Knobs	*
16	Handle		2
15	Spindle		1
14	Strike Mounting Screw		2
13	Strike		1
12	Washer		2
11	Privacy Pin	Privacy Sets Only	1
10	Collar	Privacy Sets Only	2
8	Rose		2
7	Subrose Mounting Screw		6
6	Subrose		2
5	Faceplate Screw		2
4	Tubular Latch Mounting Screw		2
3	Tubular Latch Faceplate		1
2	Tubular Latch	*K or L **2-3/8" or 2-3/4" Backset	1
1	Door		1
<b>ITEM</b>	<b>DESCRIPTION/NAME</b>	<b>NOTE</b>	<b>QTY</b>
<b>PART LIST</b>			

## TUBULAR LATCH INSTALLATION

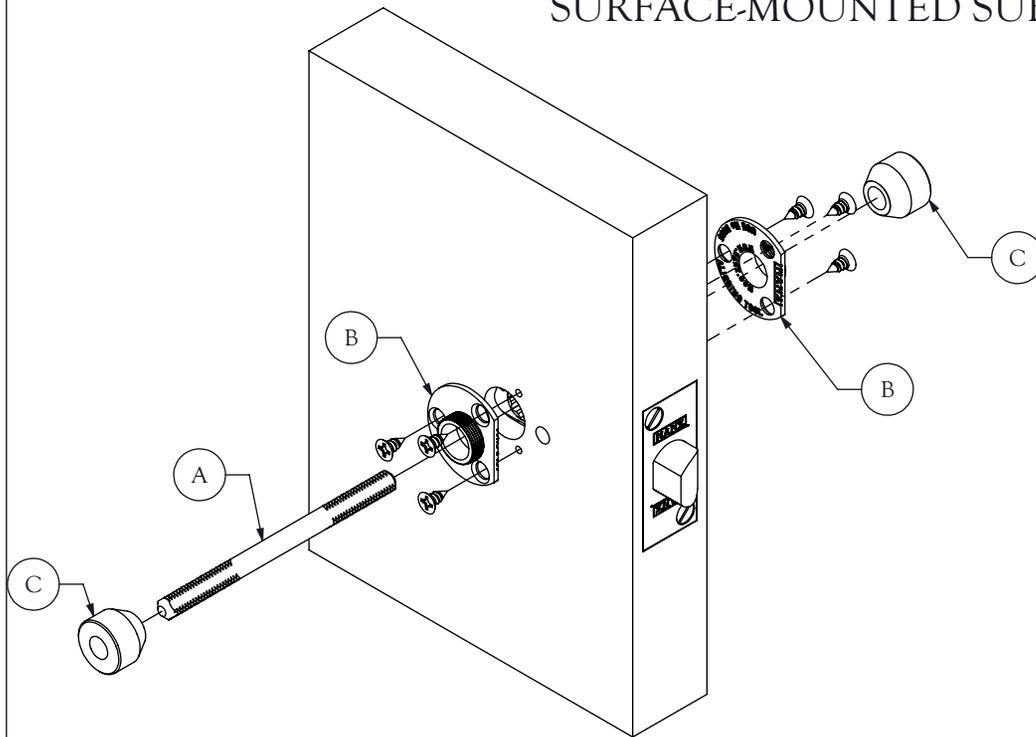


**Step 1:** Mortise the door for the appropriate tubular latch per the template on Sheet 2.

**Step 2:** Install the tubular latch to the edge of the door with the supplied mounting screws (A).

**Step 3:** Install faceplate to lockset armor front with supplied machine screws (B).

## SURFACE-MOUNTED SUBROSE ALIGNMENT



**Step 1:** Insert the alignment spindle portion of the alignment tool (A) through the tubular latch hub.

**Step 2:** Slide the subrose (B) over each end of the alignment spindle.

**Step 3:** Attach the alignment nuts (C). Thread one nut onto each end of the alignment spindle with the tapered side pointing towards the door.

**Step 4:** Face the edge of the door and tighten the alignment nuts. While tightening, look at the alignment spindle from the side and from above, and make sure that the spindle stays perpendicular to the door face. Ensure the tapered sides of the alignment nuts center the subroses. Loosen and re-tighten the assembly to ensure there is no binding, and to check that the spindle remains perpendicular to the door face.

**Step 5:** Drill pilot holes per Sheet 2 in each screw hole of the subrose or trim. Drill holes precisely in the center of each of the screw holes. For roses with a privacy pin, ensure that the flat portion of the subrose is towards the latch edge of the door, and is parallel with the door edge to allow clearance for the privacy hole. (See Fig. 1)

**Step 6:** Mount the subrose using the provided #8 screws

**Step 7:** Remove the alignment tool

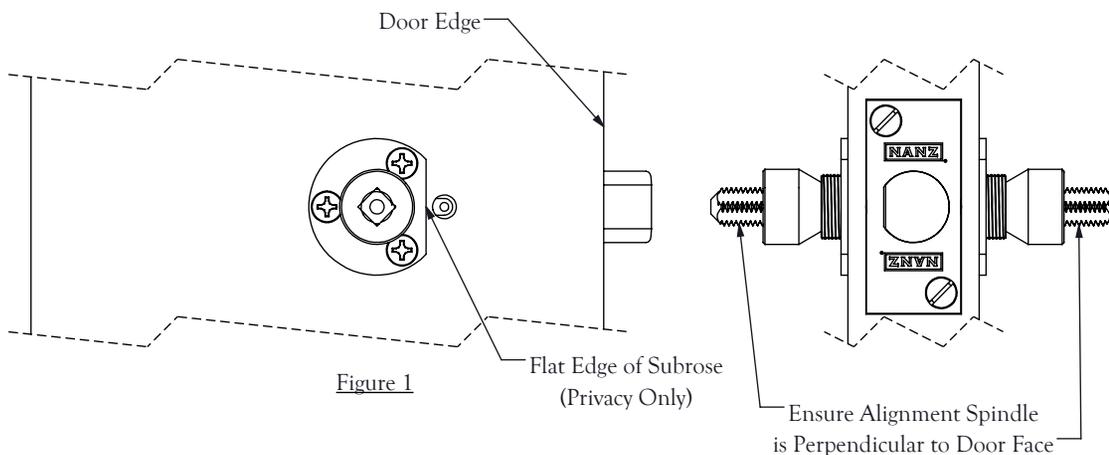
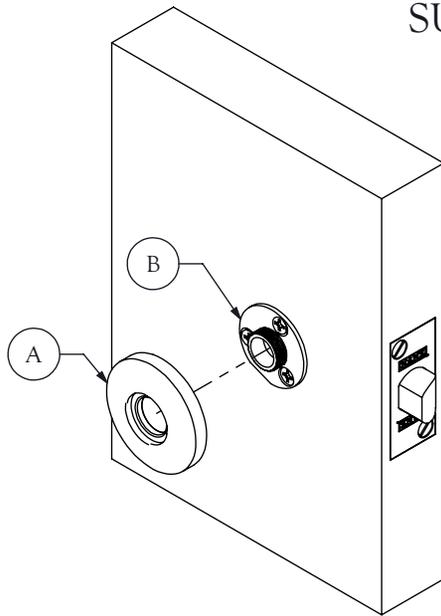


Figure 1

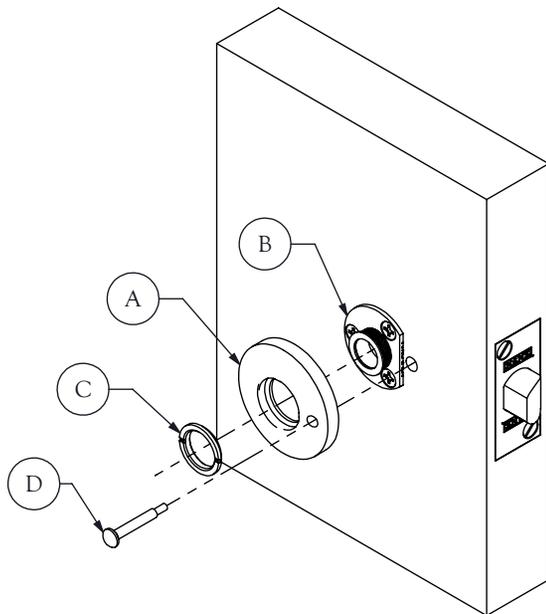
## SURFACE-MOUNTED TRIM INSTALLATION



### PASSAGE TRIM INSTALLATION

**Step 1:** Thread rose (A) onto subrose (B) until bottom face of rose is in contact with the face of the door.

**Step 2:** Repeat on the opposite side of the door.



### PRIVACY TRIM INSTALLATION

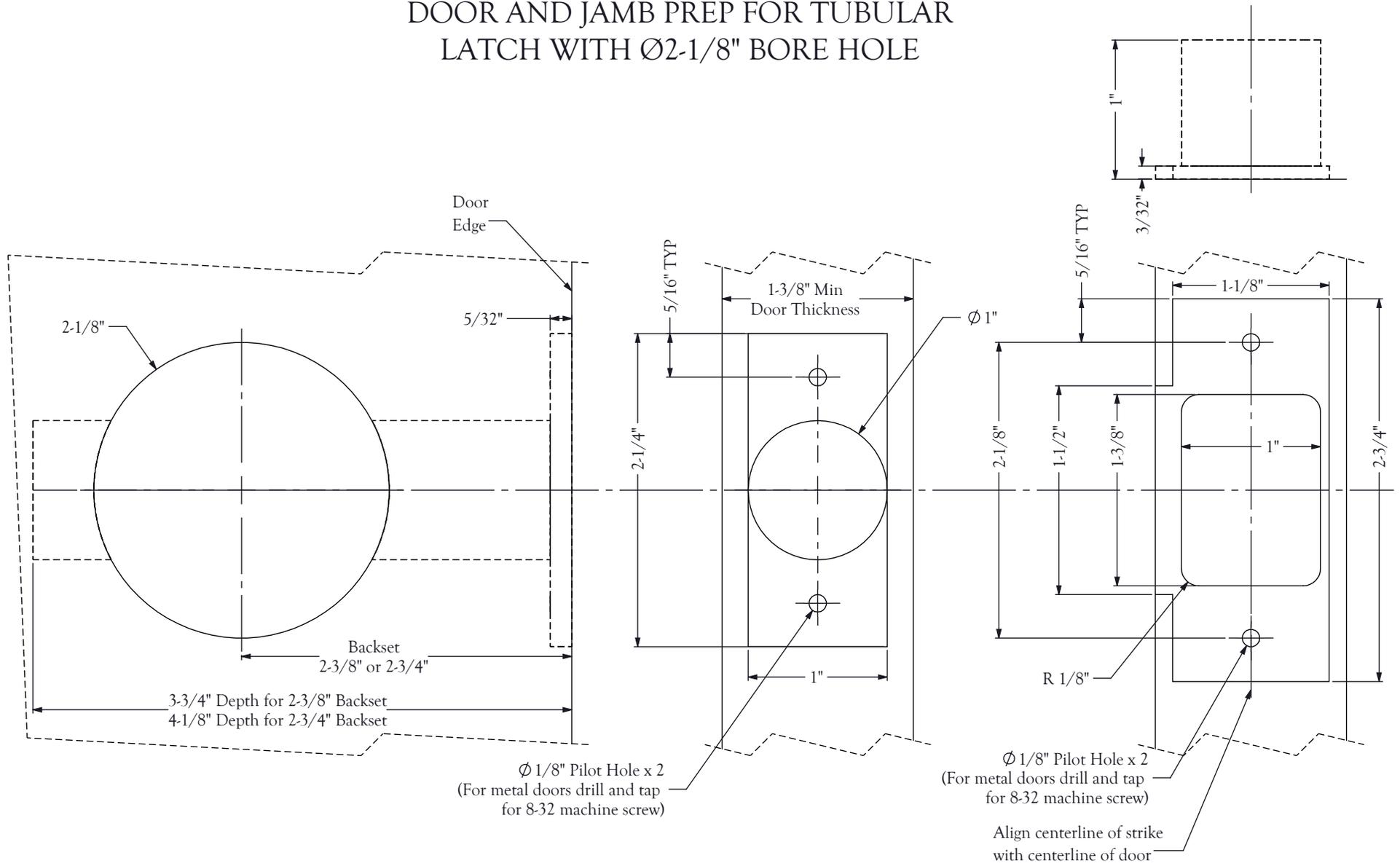
**Step 1:** Position rose (A) over subrose (B) so that the privacy pin/emergency release hole in the rose is aligned with the hole in the door.

**Step 2:** Using the supplied tool, thread the collar (C) onto the subrose, and tighten the rose in place.

**Step 3:** On the interior side of the door, insert the privacy pin (D) through the hole in the rose, and thread it to the toggle on the tubular latch.

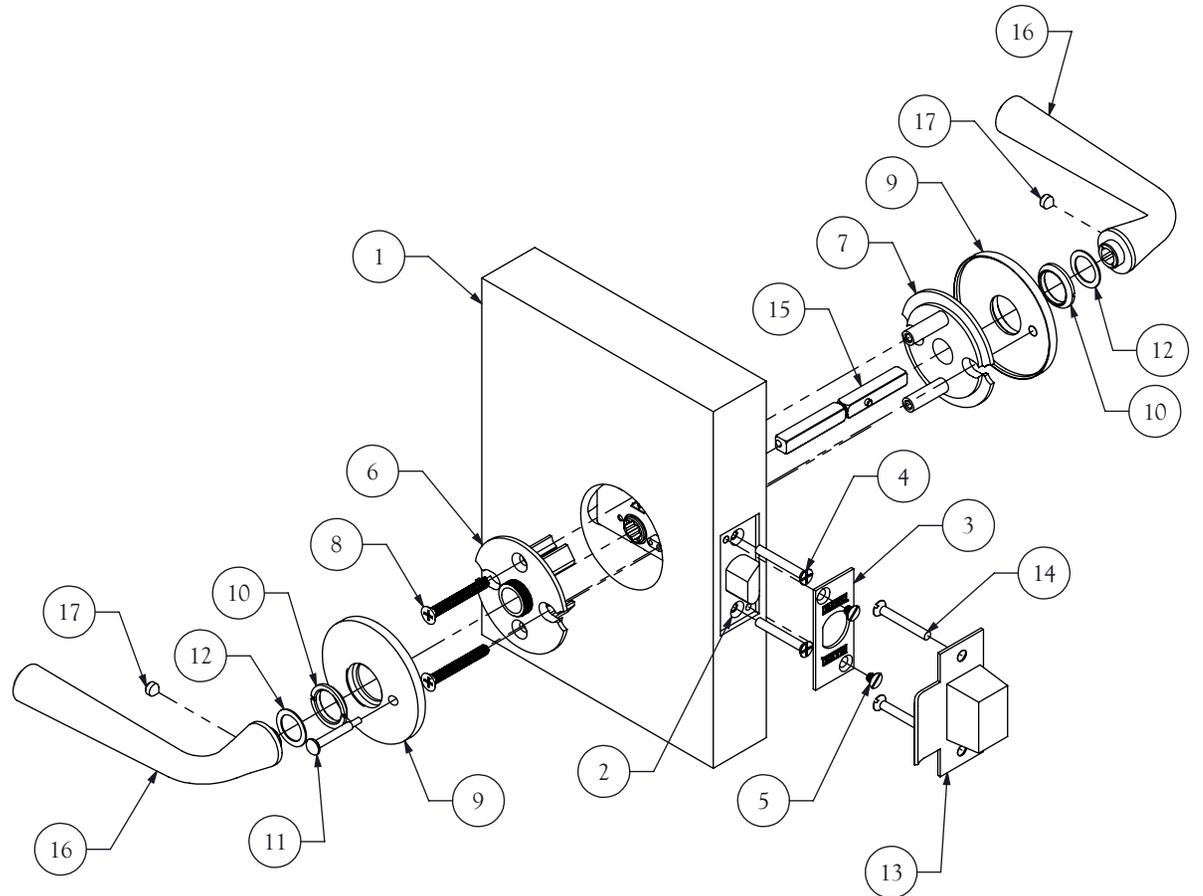
**Step 4:** Repeat Steps 1 and 2 on the opposite side of the door.

## DOOR AND JAMB PREP FOR TUBULAR LATCH WITH Ø2-1/8" BORE HOLE



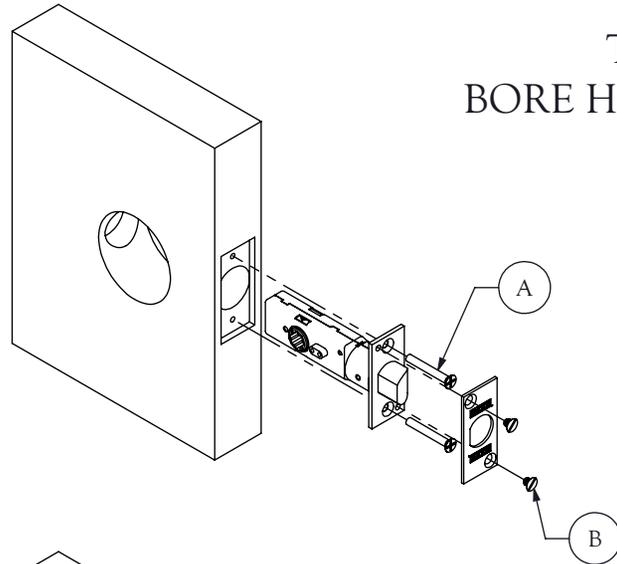


## PARTS LIST - THROUGH-BOLTED TRIM



17	Set Screw	*2 for Levers, 4 for Knobs	*
16	Handle		2
15	Spindle		1
14	Strike Mounting Screw		2
13	Strike		1
12	Washer		2
11	Privacy Pin	Privacy Sets Only	1
10	Collar	Privacy Sets Only	2
9	Rose		2
8	Through Mounting Screw		2
7	Bore Hole Adapter - Exterior		1
6	Bore Hole Adapter - Interior		1
5	Faceplate Screw		2
4	Tubular Latch Mounting Screw		2
3	Tubular Latch Faceplate		1
2	Tubular Latch	*K or L **2-3/8" or 2-3/4" Backset	1
1	Door		1
<b>ITEM</b>	<b>DESCRIPTION/NAME</b>	<b>NOTE</b>	<b>QTY</b>
<b>PART LIST</b>			

## TUBULAR LATCH AND BORE HOLE ADAPTER INSTALLATION

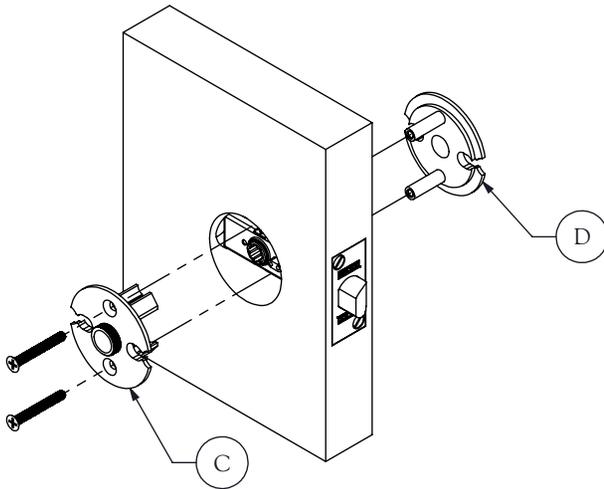


**Step 1:** Mortise the door for the appropriate tubular latch per the template on Sheet 7.

**Step 2:** Install the tubular latch to the edge of the door with the supplied mounting screws (A).

**Step 3:** Install faceplate to lockset armor front with supplied machine screws (B).

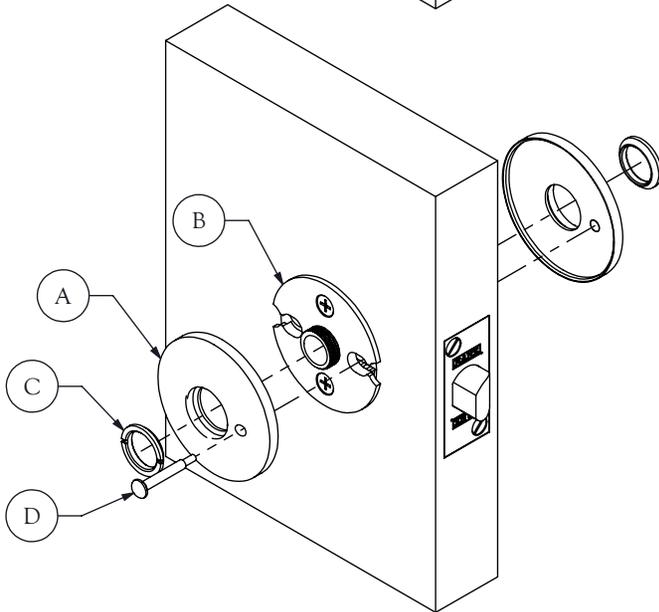
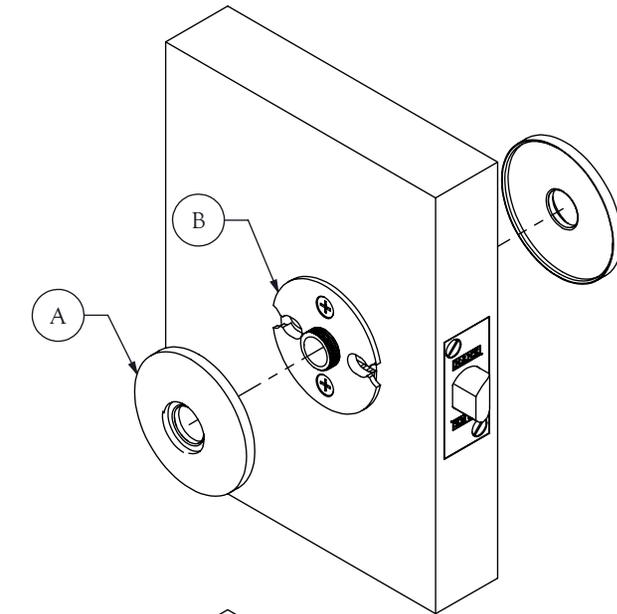
**Step 4:** Use supplied screws to attach interior (C) and exterior (D) sides of the bore hole adapter, so that they are centered on the 2-1/8" bore hole.



## PASSAGE TRIM INSTALLATION

**Step 1:** Thread rose (A) onto the bore hole adapter (B) until bottom face of rose is in contact with the face of the door.

**Step 2:** Repeat on the opposite side of the door.



## PRIVACY TRIM INSTALLATION

**Step 1:** Position rose (A) over bore hole adapter (B) so that the privacy pin/emergency release hole in the rose is aligned with the cutout in the bore hole adapter.

**Step 2:** Using the supplied tool, thread the collar (C) onto the bore hole adapter, tighten the rose in place.

**Step 3:** On the interior side of the door, insert the privacy pin (D) through the hole in the rose, and thread it to the toggle on the tubular latch.

**Step 4:** Repeat Steps 1 and 2 on the opposite side of the door.

## LEVER INSTALLATION

**Step 1:** Slide the spindle (A) through the hub of the tubular latch so that it projects equally from both sides of the door. Levers with Punch-Lock spindles are oriented on the square.

**Step 2:** Place washer (B) between the lever shank and the subrose, and slide levers over the spindle. Levers should sit with little to no gap to the subrose, but still be free to rotate without binding. Tighten set screws until flush with the handle shank so as to pierce the spindle wall.

**Step 3:** Tighten set screws (C) until flush with the handle shank so as to pierce the spindle wall.  
(See Fig. 2)

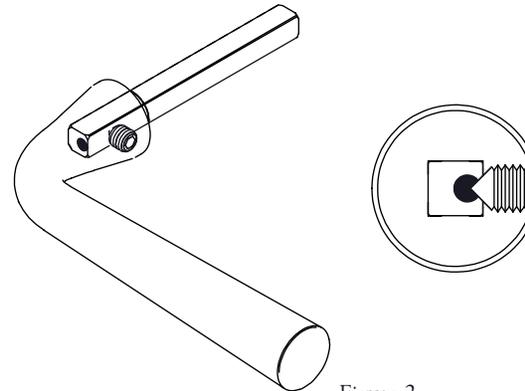
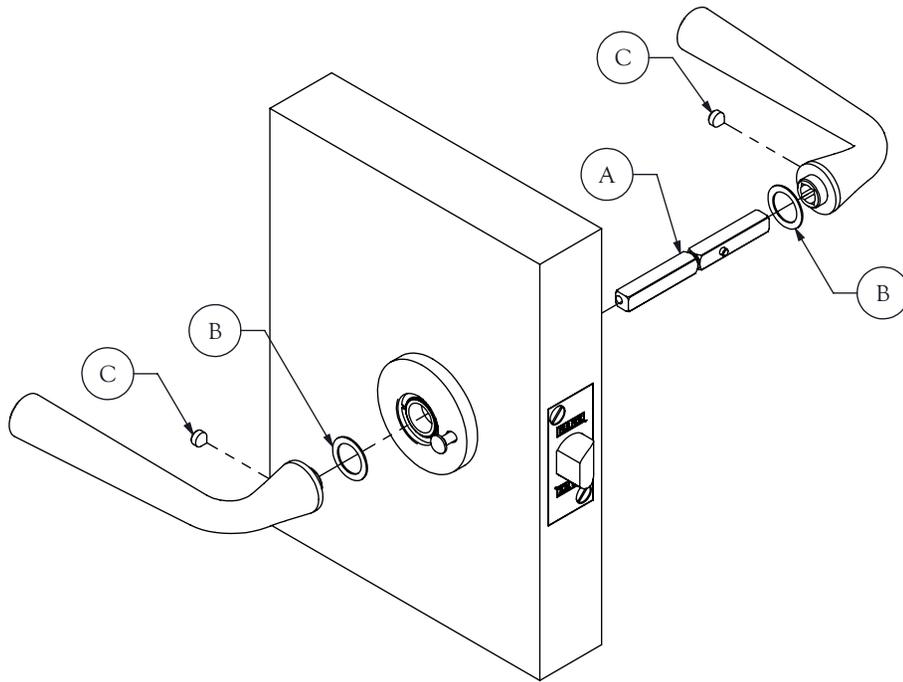


Figure 2

## KNOB INSTALLATION

**Step 1:** Slide the spindle (A) through the hub of the tubular latch so that it projects equally from both sides of the door. Knobs with threaded spindles are oriented on the diamond. (See Fig. 3)

**Step 2:** Place washer (B) between the knob shank and the subrose, and thread knobs onto the spindle. Adjust knobs so both set screws (C) are facing the floor, and can be rotated without binding.

**Step 3:** Tighten set screws until they are seated securely on the face of the spindle.

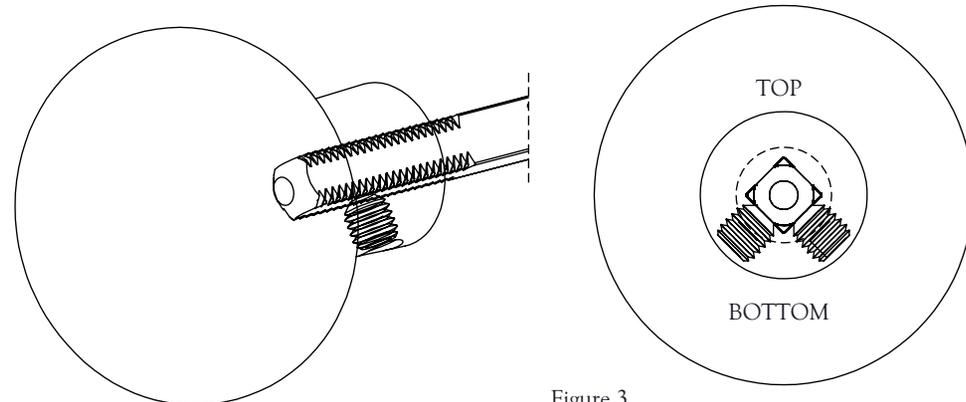
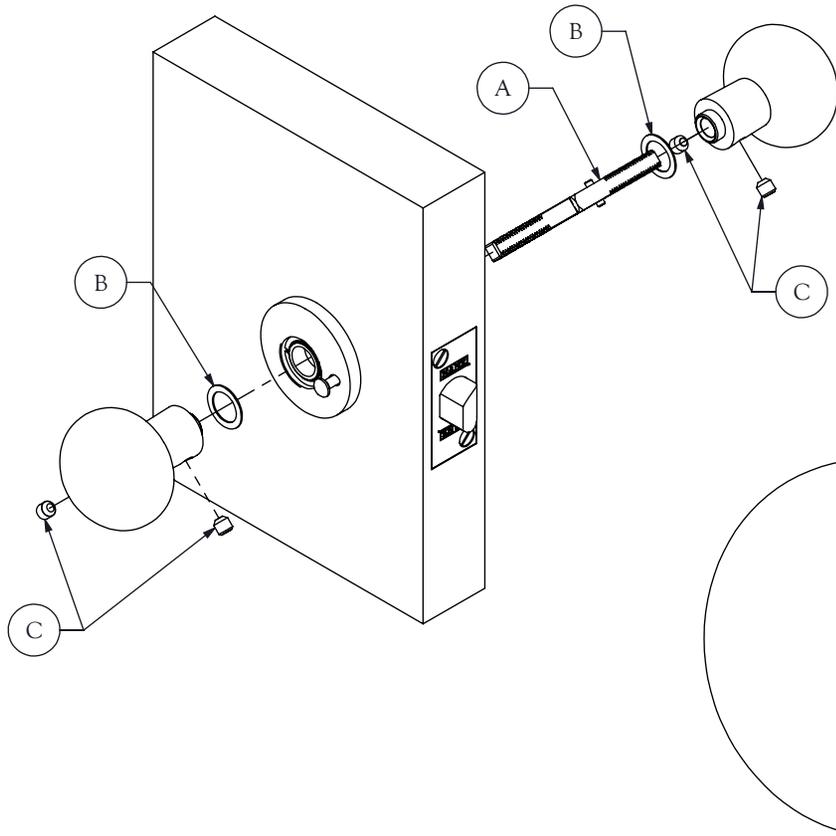


Figure 3

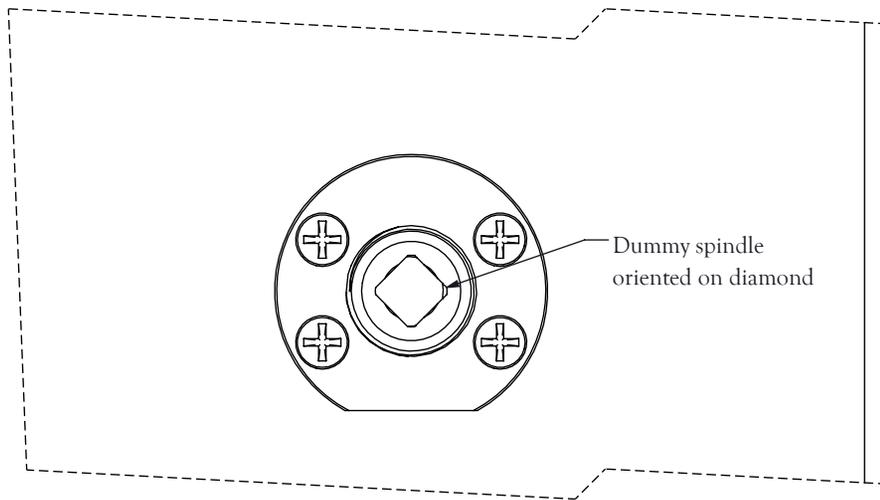


Figure 4

## DUMMY HANDLE INSTALLATION

**Step 1:** Mount the dummy spindle to the door face, with the spindle oriented on the diamond. (See Fig. 4)

**Step 2:** Thread the rose (A) onto the dummy spindle.

**Step 3:** Place the washer (C) between the handle (knob or lever) and dummy spindle. Thread the handle (B) onto the dummy spindle so that the set screws (D) are positioned at the bottom when tightened (See Fig. 5).

NOTE: The installation method and spindle orientation shown applies to KNOBS AND LEVERS.

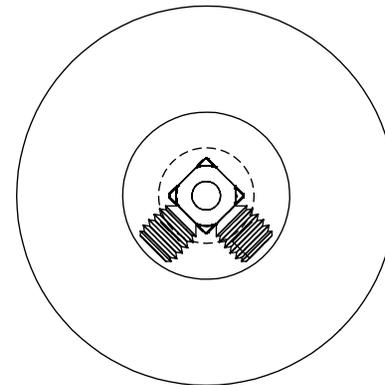
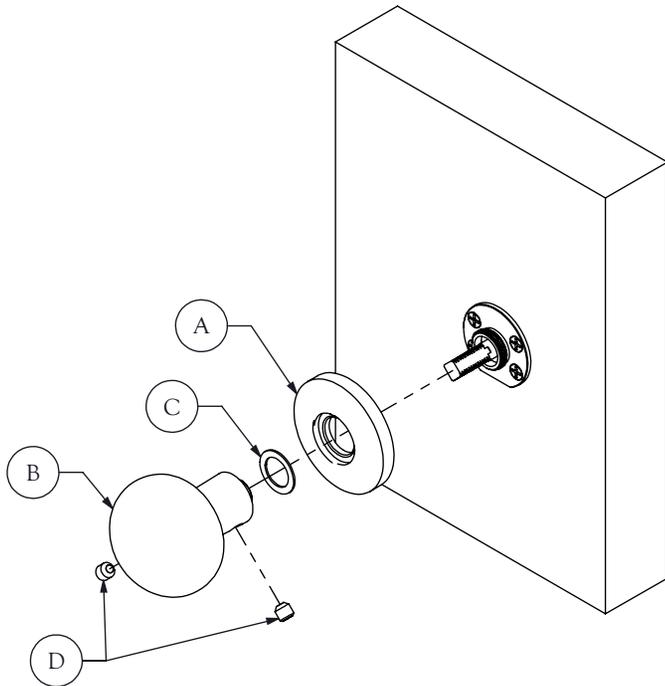


Figure 5