

Lockset Installation and Handle Alignment

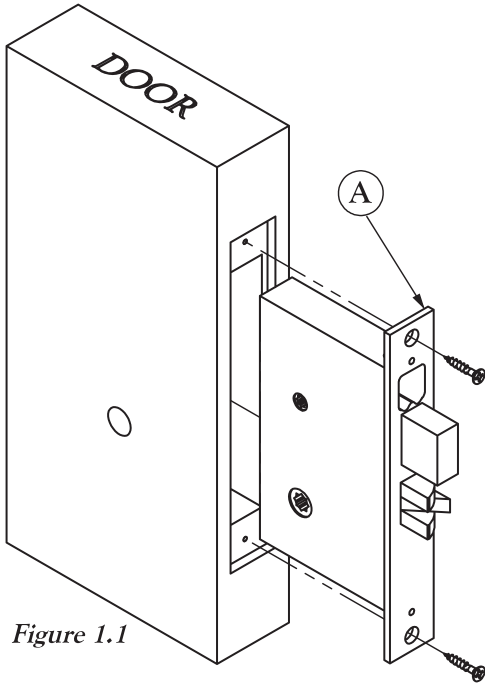


Figure 1.1

**Step 1:** Mortise the door for the specified lockset. Use the template for the appropriate lockset model to determine the mortise size, location, and number of prep holes for the door face. The lockset should slide into the mortise with minimal resistance.

Confirm that the mortise is parallel to both the interior and exterior faces of the door.

Armor front (A) may be adjusted to accommodate the angle of beveled doors by loosening the two adjustment screws (E) as shown below. Never mortise a door perpendicular to its edge as that edge may be beveled.

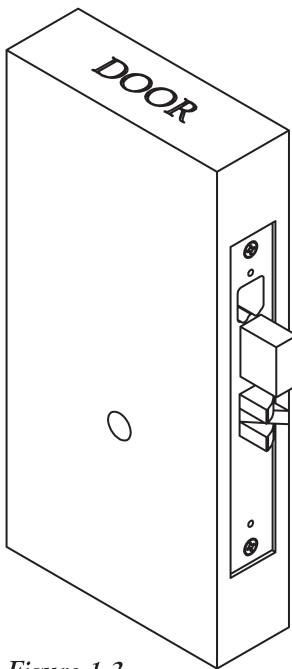


Figure 1.2

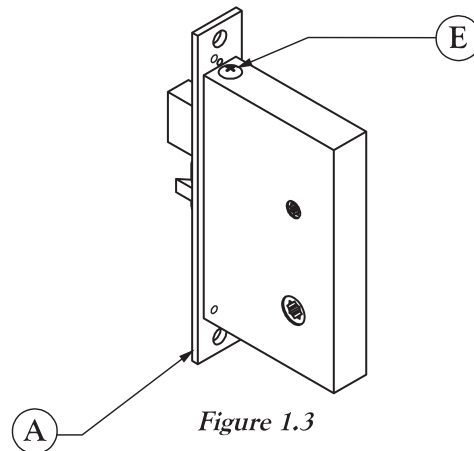


Figure 1.3

## Lockset Installation and Handle Alignment

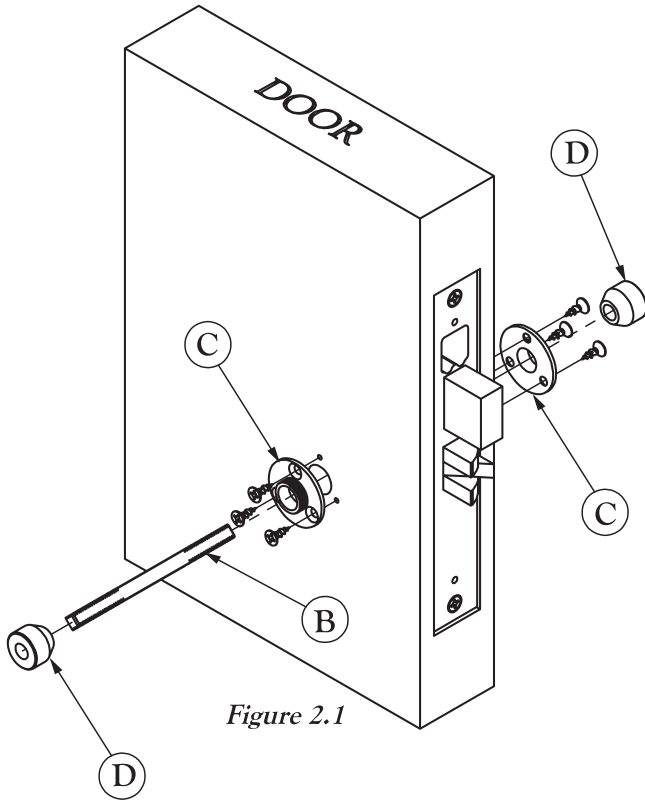


Figure 2.1

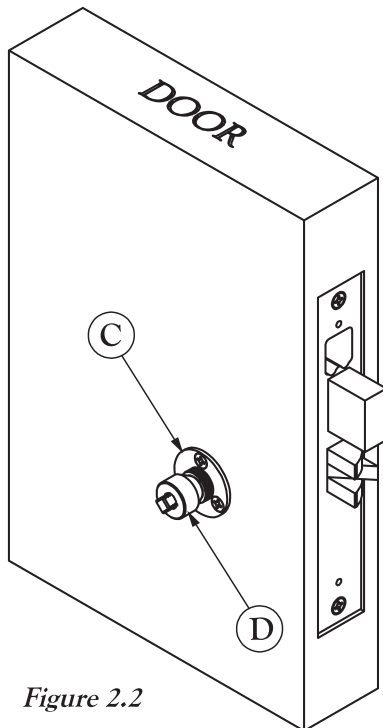


Figure 2.2

**Step 2:** Insert the Spindle (B) portion of the Alignment Tool through the lockset hub. Refer to Figures 2.1 and 2.2.

**Step 3:** Roses with concealed fasteners are typically installed with a Subrose (C). Escutcheons or Roses with exposed fasteners do not require a Subrose. Slide the Subrose or surface mounted trim over each end of the Alignment Spindle.

**Step 4:** Attach the Alignment Nuts (D). Thread one nut onto each end of the spindle with the tapered side pointing towards the door.

**Step 5:** Face the edge of the door and tighten the nuts while looking at both ends of the Alignment Tool. While tightening, ensure that the spindle stays perpendicular to the face of the door by looking at it from the side and from above. Ensure the tapered sides of the alignment nuts center the Subroses. Loosen and re-tighten assembly to ensure there is no binding, and to check that the spindle remains perpendicular to the door face.

**Step 6:** Drill the pilot holes in each screw hole of the Subrose or trim. Drill holes precisely in the center of each of the screw holes.

**Step 7:** Mount the Subrose using the provided #8 Screws.

**Step 8:** Remove the Alignment Tool.