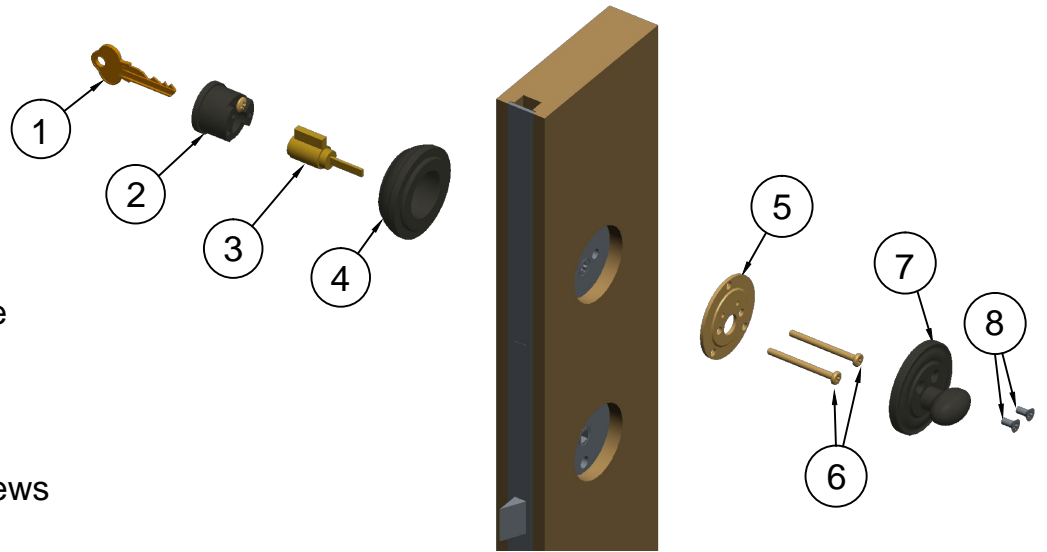




# MULTIPOINT DEADBOLT INSTALLATION INSTRUCTIONS

## PART IDENTIFICATION

1. Key
2. Cylinder housing
3. Cylinder
4. Trim ring
5. Turn piece mounting plate
6. 2" mounting plate screws
7. Turnpiece Trim
8. 1/2" turnpiece screws
9. 2" pan head machine screws



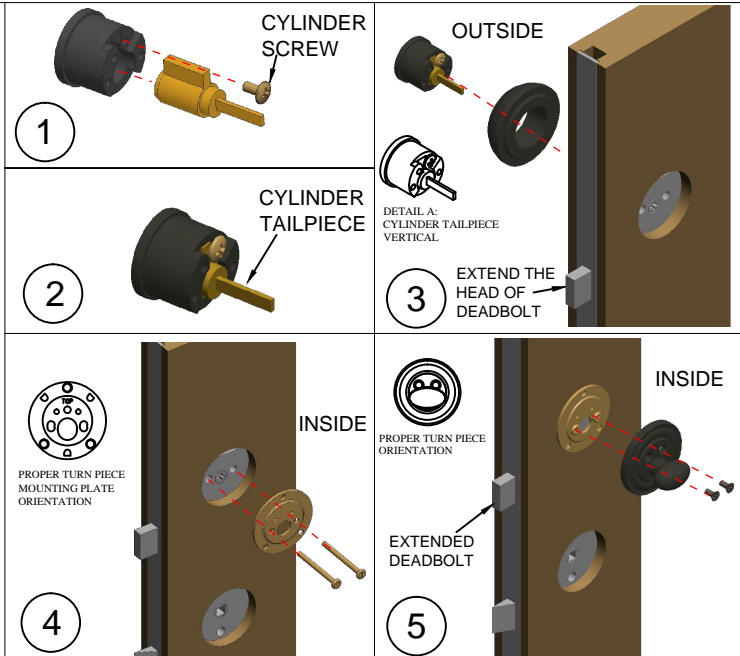
1. **Install cylinder into cylinder housing.** Remove the cylinder screw from the back of the cylinder housing and insert the cylinder into the housing. Re-install the screw and tighten to secure the cylinder into the housing.

2. Keeping the tailpiece vertical.

3. **Install the key cylinder.** Keeping the tailpiece vertical, insert the key cylinder through trim ring and into the "+" slot of the deadbolt.

4. **Secure the exterior cylinder.** From the inside of the door orient the turnpiece mounting plate and secure by driving two 2" pan head machine screws through the mounting plate, deadbolt and into the exterior cylinder. **DO NOT OVER TIGHTEN SCREWS AND DO NOT INSERT KEY INTO KEY CYLINDER DURING THIS STEP.**

5. **Install the turnpiece trim.** Position the turnpiece over the mounting plate, inserting the key cylinder tailpiece into the turnpiece. Secure in place by driving two 1/2" oval head machine screws through the two chamfered holes. Make certain turn knob rotates smoothly in both directions.



## TROUBLE SHOOTING GUIDE

**PROBLEM:** Can't extend (lock) deadbolt unless key is in cylinder. Can't remove key from cylinder when the deadbolt is extended (locked).

**SOLUTION:** Cylinder tailpiece is not oriented properly. Remove the cylinder by first removing the turnpiece trim, and turn piece mounting plate. Rotate the cylinder tailpiece 180° and re-install the deadbolt assembly.

**PROBLEM:** Deadbolt can easily be lock using the turnpiece trim on the inside but is difficult to lock when locked with the key from the outside.

**SOLUTION:** The cylinder is not properly aligned with the turnpiece trim or improper door thickness. Remove the turnpiece trim and loosen the two 2" pan head machine screw. Align the cylinder and retighten the 2" pan head screws. Ensure your door thickness is at least 1-3/4" thick.

**PROBLEM:** Cannot extend deadbolt with the interior thumb turn or exterior key when door is closed.

**SOLUTION:** Open door and try to extend deadbolt. If deadbolt extends easily with the door open then the strike are not aligned with the deadbolt and/pr locking points. Adjust the strike to align with the deadbolt and/or locking points.