

# D900 MORTISE DEAD BOLT

## Installation Instructions



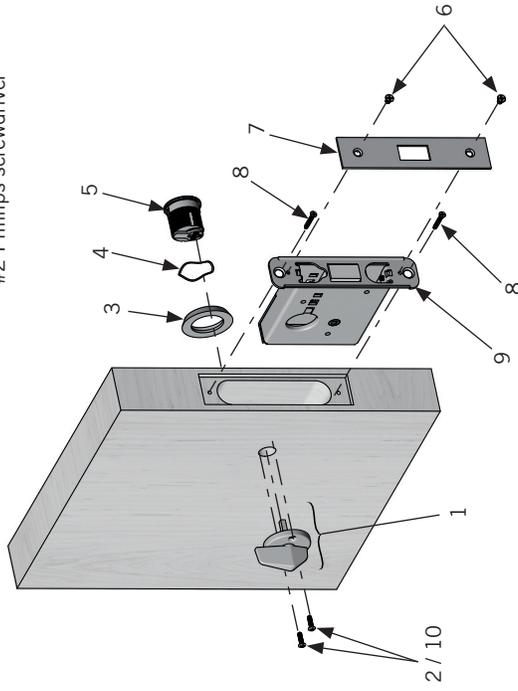
### Overall Exploded View

#### Tools required for installation

#2 Phillips screwdriver

#### D900 with standard thumb turn part list

- 1 - Thumb turn assembly
- 2 - 6-32 x 3/8" machine screws
- 3 - Cylinder ring
- 4 - Wave washer
- 5 - Mortise cylinder
- 6 - 8-32 x 1/4" flat head screws
- 7 - Armor plate
- 8 - 12-24x1" combo screws
- 9 - Chassis
- 10 - #6 x 1/2" wood screws

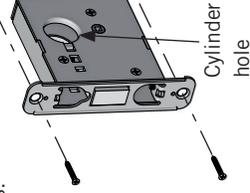


### 1. Install lock body

**1.1** Place the lock body into the door edge.

**⚠** Orient such that the cylinder hole is towards the top of the chassis.

**1.2** Secure with two 12-24x1" combo screws.



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### 2. Assemble and install mortise cylinder.

#### Conventional mortise cylinder

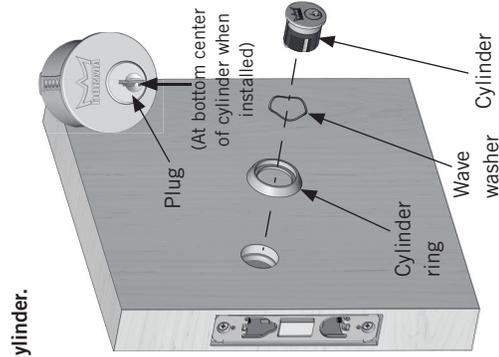
**2.1A** Slide the wave washer and cylinder ring over the cylinder.

**NOTE:** Do not over torque the key as it could cause the key to bend or break.

**NOTE:** Ensure the cylinder face is flush with the ring.

**NOTE:** D962 Double Cylinder: do not tighten the cylinder retainer screws until both cylinders have been installed.

**2.2A** Tighten the cylinder in place using the cylinder retainer screw. See **FIGURE 1** in this step.



#### IC mortise housing

**2.1B** Insert the core into the mortise housing.

**2.2B** Slide the wave washer and outside cylinder ring over the housing.

**NOTE:** Do not over torque the key as it could cause the key to bend or break.

**NOTE:** Ensure the cylinder face is flush with the housing.

**NOTE:** D962 Double Cylinder: do not tighten the cylinder retaining screws until both cylinders have been installed.

**2.3B** Tighten the housing in place using the cylinder retainer screw.

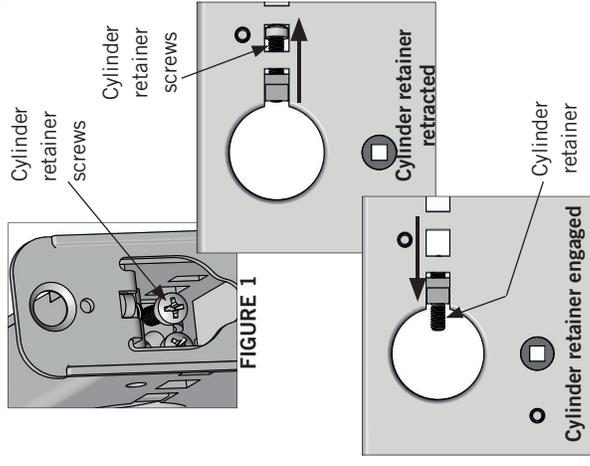
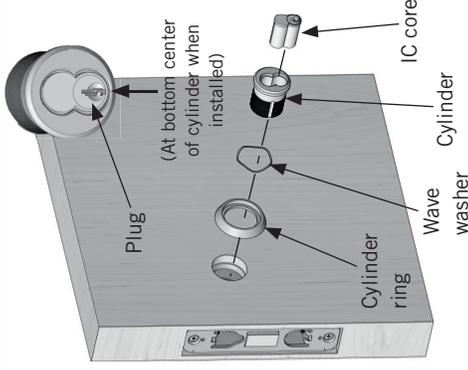


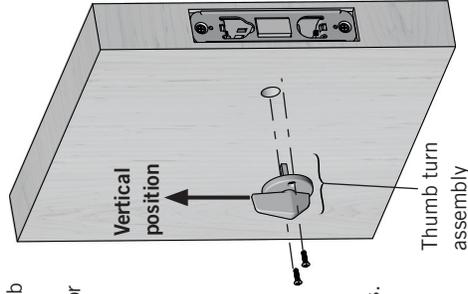
FIGURE 1

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**3. Install standard thumb turn and mortise thumb turn Standard thumb turn cylinder**

**3.1A** Insert the thumb turn spindle through the door face, into the chassis.

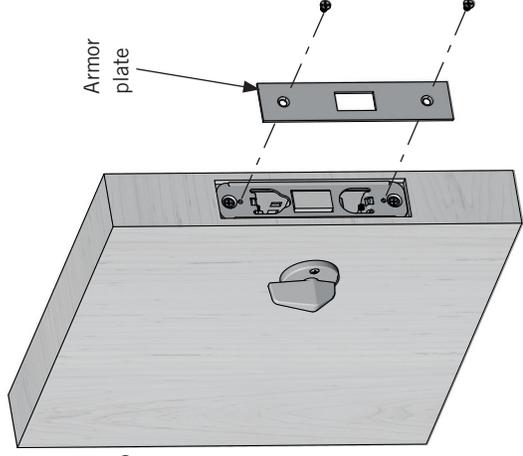
**3.2A** Secure the thumb turn rose to the door with two 6x1/2" Phillips head wood screws or 6-32x3/8" machine screws.



**3**

**4. Install the armor plate**

**4.1** Place the armor plate against the face of the chassis and secure with two 8-32x1/4" flat head screws.



**4**

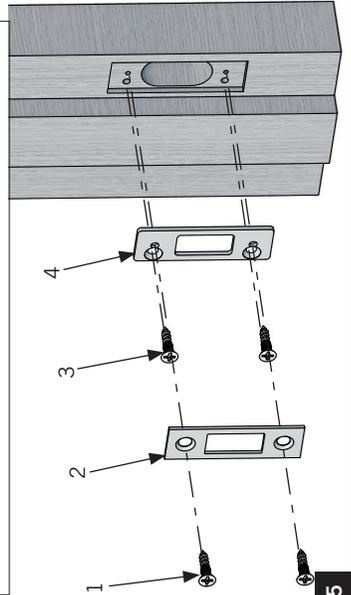
**5. Install strikes**

**5.1** Insert reinforcement plate and secure with two 12-24x1" combo screws.

**5.2** Insert the strike and secure with two 12-24x1" combo screws.

**Strike part list**

- 1 - 12-24x1" combo screws
- 2 - Strike plate
- 3 - 12-24x1" combo screws
- 4 - Reinforcement plate



**5**

**I. D971 Cylinder Indicator x Turn**

**NOTE:** Please reference the separate instructions included with the indicator.

