



WATER STREET
BRASS

Mortise Entry Handle Set Installation Instructions

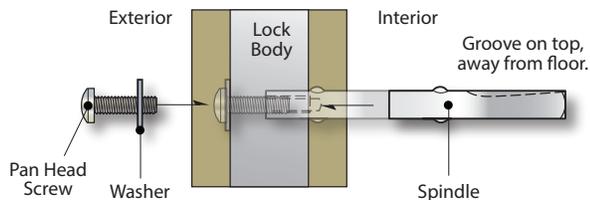
These instructions are for the installation a mortise lock entry set. The hardware will work with either a door knob or lever.

PREPARE THE DOOR

1. If your door has not already been prepared for your lock installation, do so by using the templates provided for your specific lock model. Be sure to confirm the proper backset, function and handing for your door prior to any drilling or mortising.
2. Install the mortise lock body in the door using the screws provided. Do not install the lock body face plate at this time.

INSTALL THE HARDWARE

3. Insert the half spindle into the lock body from the interior side of the door. The set screw groove should be on the top - away from the floor. From the exterior side of the door, secure the spindle with the washer and screw provided.



4. From the exterior side of the door, measure the distance to the middle of the lock body. Cut the thumb piece stem to this length.
5. Position the exterior plate & pull assembly onto the door. Use the blank key provided to thread the mortise cylinder into the lock body - this will help you hold the plate in place during installation.
6. Mark the location of the pull legs on the door and drill 9/32" diameter holes through for the mounting bolts. The upper bolt must be counter-sunk into the door so the head does not protrude above the door surface. A re-enforcing grommet is provided but it must be completely recessed in the door.

From the interior side of the door, install the mounting bolts as shown in the diagram. When the plate is securely on the door, install the bolt cover by hand threading it onto the mounting plate.

7. Check the function of the mortise cylinder and the thumb piece to make sure the lock works properly.

When satisfied, lock the cylinder in place by tightening the cylinder retention screws from the edge of the door.

9. Position the interior plate on the door, sliding the thumb turn tailpiece into the lock body and the knob or lever onto the spindle. Do not tighten the set screw at this time.

Assure the plate is parallel to the door edge that the thumb turn and knob/lever works without jamming. When satisfied with the plate position, mark the surface mount screw hole locations on the door and drill 1/16" pilot holes for the surface mount screws.

Note: the pilot holes are important to guide the screws in straight and to prevent the wood from splitting.

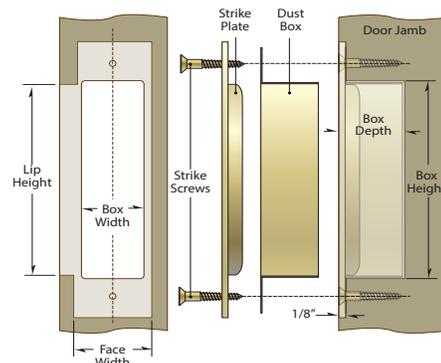
10. Complete the installation of the interior plate assembly. Firmly secure the set screw in the knob or lever to hold the spindle firmly.
11. Carefully install the surface mount screws on both the interior and exterior plates. **DO NOT** use a power drill to install the surface mount screws.

You can now also attach the mortise lock face plate.

DOOR JAMB

12. Carefully measure the jamb to determine the exact location that the lock bolt will land when the door is fully closed. Mark the location. Using the strike plate as a template, outline the shape and begin to mortise the door jamb 1/8" deep to accept the strike and lip.

Finally, mortise the jamb to the proper depth to accept the dust box.





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*Drawing not to scale.
Components may appear differently than
depicted; for reference only.*

KEY X KEY OPTION

13. If your hardware uses two cylinders instead of an interior thumb turn, the cylinders should be inserted into the both plates so that they each engage the lock mechanism, making sure the cams on the cylinders do not interfere with one another, as shown.

Depending on the thickness of your door, cylinder blocking rings may be needed to achieve proper spacing.

