



WATER STREET
BRASS

European Multipoint Entry Set Installation Instructions

PREPARE THE DOOR

Multipoint locks come already installed in exterior doors, so very little preparation of the door should be necessary. In most cases, Water Street Brass attempts to configure our hardware to match the specifications of the original door manufacturer. This means you should be able to simply remove the existing trim and install the new.

For security reasons, through bolting is standard for multipoint doors and the door should already be drilled for these bolts. Many, but not all locks come with access holes or slots for through bolting. However, if drilling new through bolt holes is necessary due to unusual or unique applications, **it is very important that you do not attempt to drill through the lock body!** Neither Water Street Brass, your door manufacturer or the lock manufacturer will warranty any damage to the lock caused in this manner.

INSTALL THE HARDWARE

1. Insert and center the straight spindle into the lock body with the groove facing down, toward the floor.
2. Position the exterior plate assembly into the door, with the spindle going into the lever. When the plate is tight against the door, tighten the set screw in the lever, securing the spindle in place.
3. Install the interior plate by sliding the spindle through the spring assist and into the interior plate lever. Do not tighten the lever set screw at this time.
4. When the interior plate is in position, install the two through bolts into the mounting attachments and carefully **hand tighten**.

NOTE: Never use power tools to tighten the through bolts. Too much torque will strip the threading.

5. Carefully slide the European cylinder through the interior plate and into the lock body in the door. When properly positioned, the thumb turn will rotate the cam and activate the locking mechanisms. Similarly, the key will activate the cam from the exterior side of the door.

Secure the cylinder in place by fully screwing in the cylinder locking screw into the edge of the door.

NOTE: Depending on the thickness of the door, one or both ends of the lock cylinder may protrude beyond the escutcheon plate surface.

6. Check that both plates are straight and square to the edge of the door. Test the function of the levers and the lock cylinder. When satisfied that the lock is func-

tioning properly, complete installation by tightening the set screw on the interior lever.

SPRING ASSIST OPTION

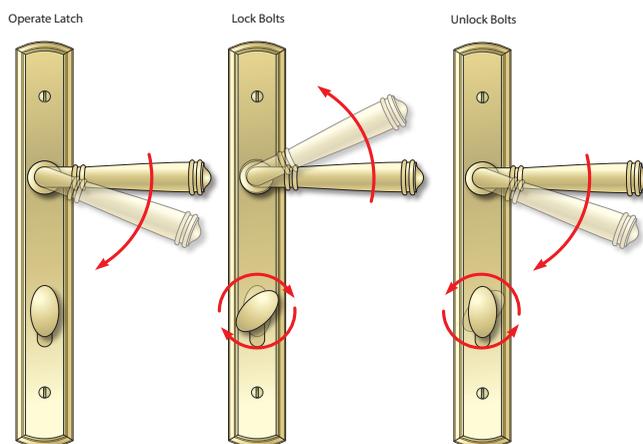
An optional bi-directional spring assist is available on 1-3/4" or thicker doors. If included in your order, additional door preparation will be required. As the lock is pre-installed in the door, **EXTREME CARE** must be taken not to damage the lock body when creating the pocket on the door to accommodate the spring assist unit.

Because of spacing considerations, the spring assist unit may be affixed to either the interior or exterior plate. Consult your hardware order prior to preparing the door. You may need to finesse the spindle through this assembly and into the lever during installation.

OPERATING THE DOOR

On multipoint doors, the latching mechanism on an unlocked door is activated by pushing the lever down.

The locking mechanism is activated by pulling the lever up, then turning the thumb turn in a clockwise direction. To unlock the door, press down on the lever, then turn either the thumb turn or the key. Make sure these functions are working properly with your new hardware.

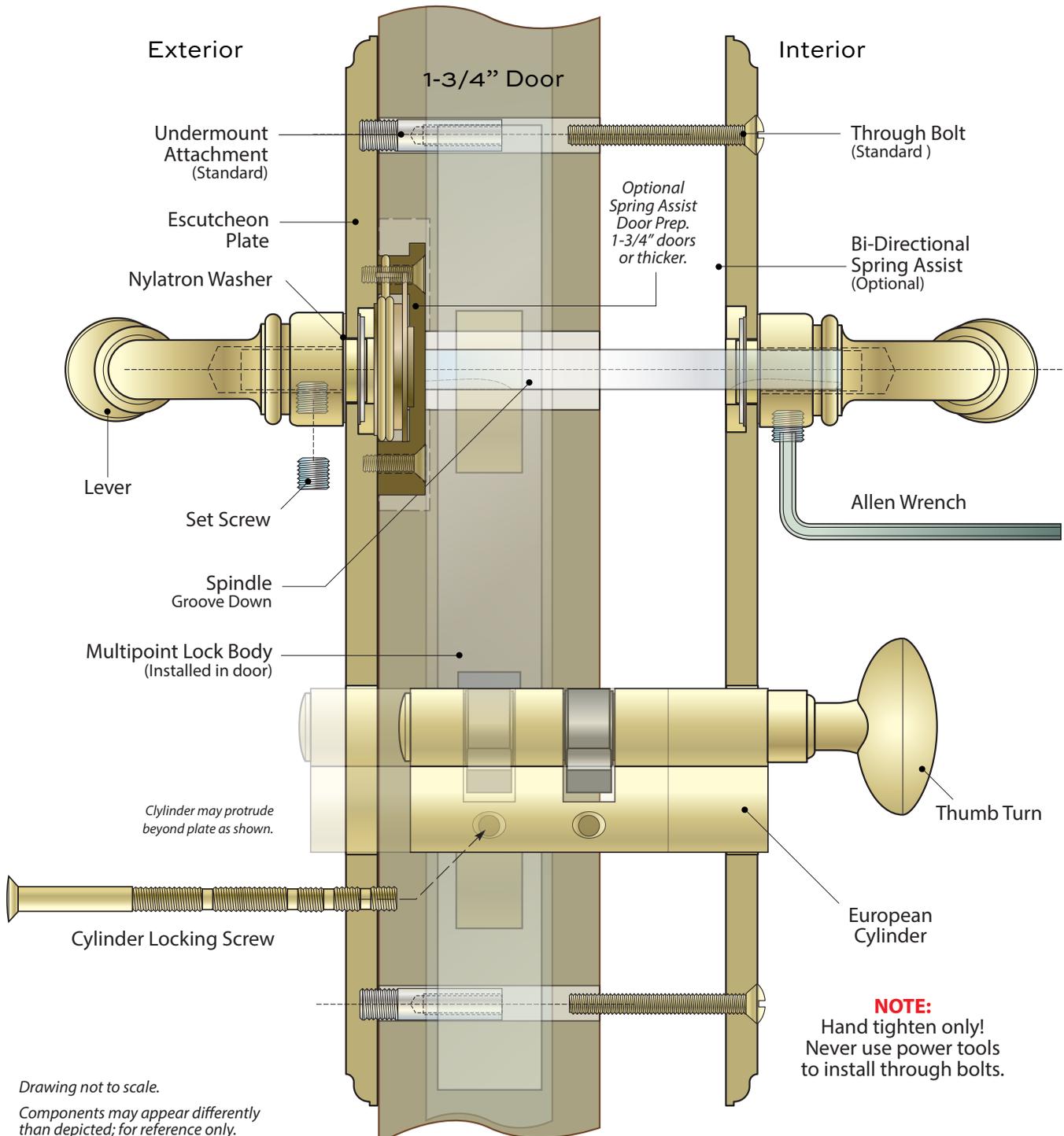


If the hardware does not operate by this method, consult the lock instructions provided by the door manufacturer.



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ASSEMBLY CROSS SECTION



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