



WATER STREET BRASS

European Multipoint Patio Installation Instructions

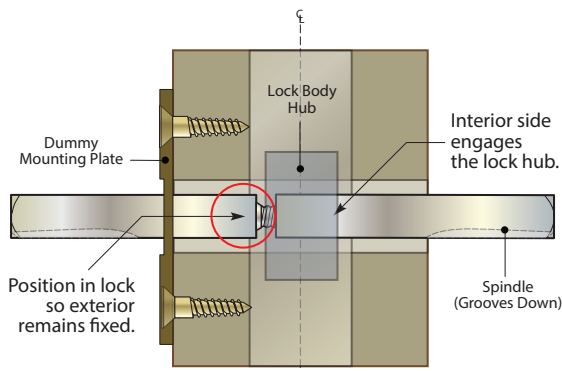
PREPARE THE DOOR

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 - FIXED EXTERIOR LEVER

1. If the patio set is to have a fixed exterior lever, insert the swivel spindle into the lock body. The set screw grooves should be at the bottom, facing the floor.
2. Slide the dummy mount plate over spindle and firmly fasten to the door surface with the two screws provided. This plate will prevent the exterior lever from moving. Back the spindle off so that the interior portion interacts with the lock while the exterior side remains fixed.



INSTALL THE HARDWARE - ACTIVE PATIO SET

3. In most cases, the exterior lever will be active on a patio set. Insert and center the straight spindle into

the lock body with the groove facing down, toward the floor.

4. 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.
5. 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.
6. 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.

7. Carefully slide the European half 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. Secure the cylinder in place by fully screwing in the cylinder locking screw into the edge of the door.
8. Check that both plates are straight and square to the edge of the door. Test the function of the levers and the thumb turn. When satisfied that the lock is functioning properly, complete installation by tightening the set screw on the interior lever.

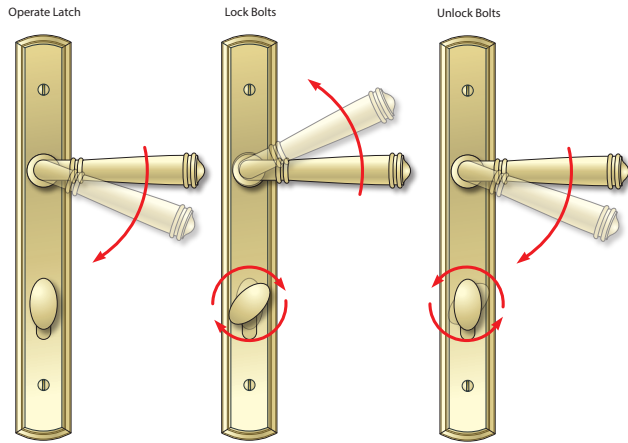
SPRING ASSIST OPTION

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 interior side of the door to accommodate the spring assist unit.

The spring assist unit will be affixed to the interior plate. You may need to finesse the spindle through this assembly and into the lever during installation.



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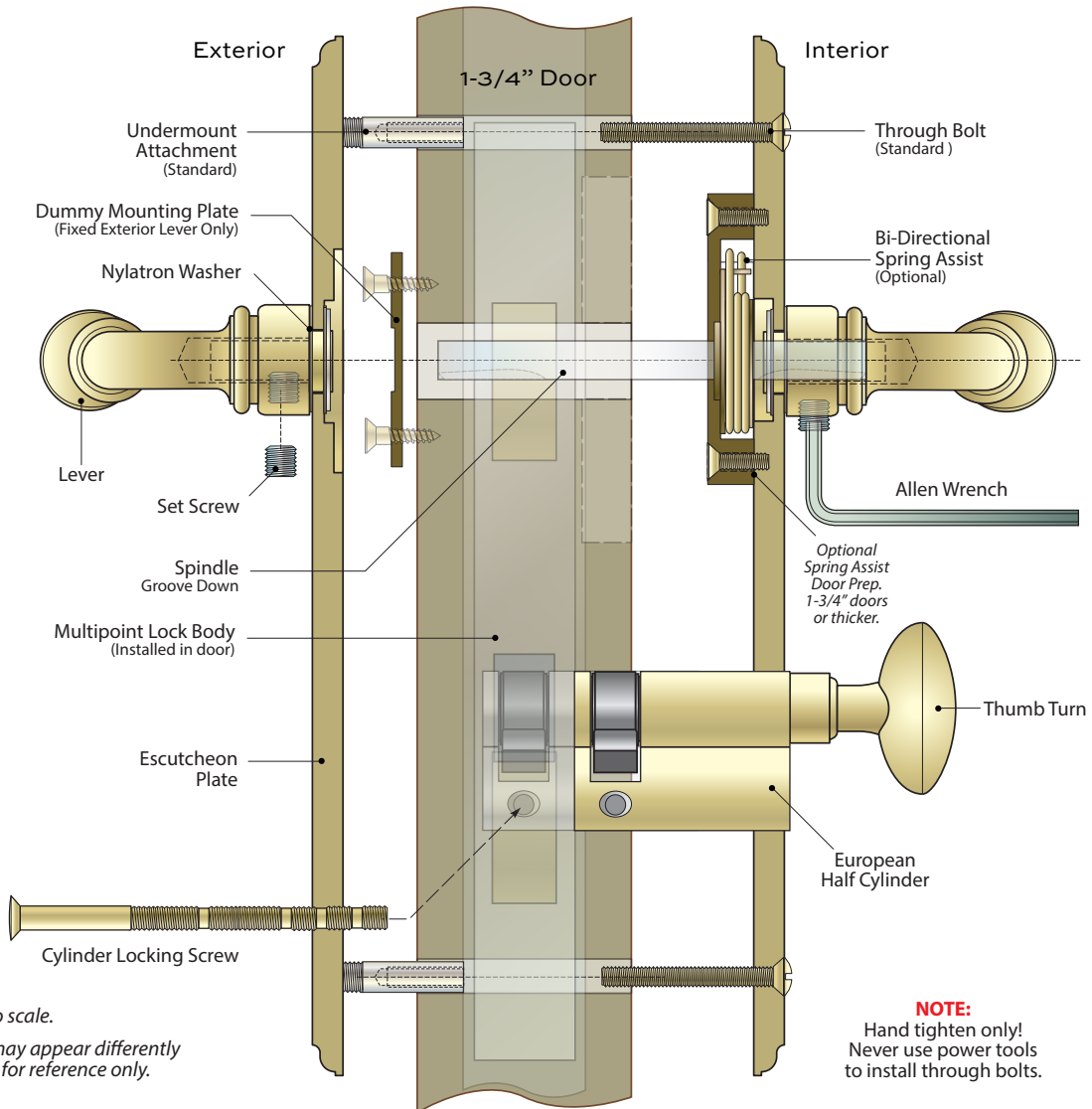
OPERATING THE DOOR

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.

ASSEMBLY CROSS SECTION



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

NOTE:
Hand tighten only!
Never use power tools
to install through bolts.