



WATER STREET BRASS

U.S. Multipoint Patio Installation Instructions

These instructions are for the installation hardware for a U.S. multipoint lock patio set.

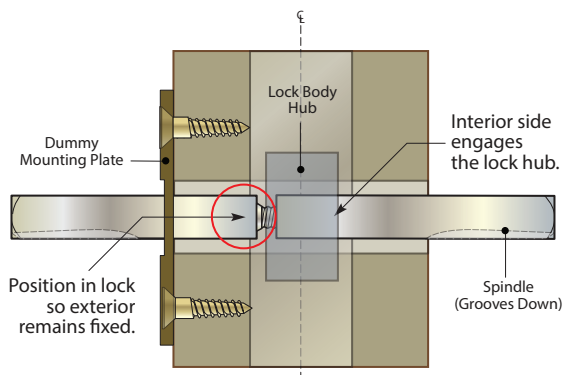
PREPARE THE DOOR

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 will prevent the exterior lever from moving, holding it in a rigid position. Back the spindle off so that the interior portion interacts with the lock while the exterior side remains fixed.



Note: For this application, it may be necessary to remove the security notches located on the spindle.

INSTALL THE HARDWARE - ACTIVE PATIO SET

3. In most cases, the exterior lever will be active on a patio set. Insert the straight spindle into the exterior lever with the groove facing down, toward the floor. Secure by tightening the set screw with Allen wrench provided.
4. Insert the entire exterior plate assembly into the door, with the spindle going through the lock body. When the plate is tight against the door, check the distance that the spindle protrudes from the interior side of the door.

If the spindle needs to be adjusted, simply loosen the set screw on the exterior lever and slide the spindle in or out so that the spindle is roughly centered in the lock body. Re-tighten the set screw.

5. Install the interior plate by fitting the spindle into the interior plate lever and carefully sliding the assembly onto the door surface.

The thumb turn tailpiece will need to be cut to fit into the lock body, but not protrude beyond the far side of the lock. This will need to be measured and cut by the installer.

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. Check that both plates are straight and square to the edge of the door. Test the function of the lever and thumb turn. When satisfied that the lock is functioning properly, complete installation by tightening the set screw on the interior lever.

SPRING ASSIST OPTION

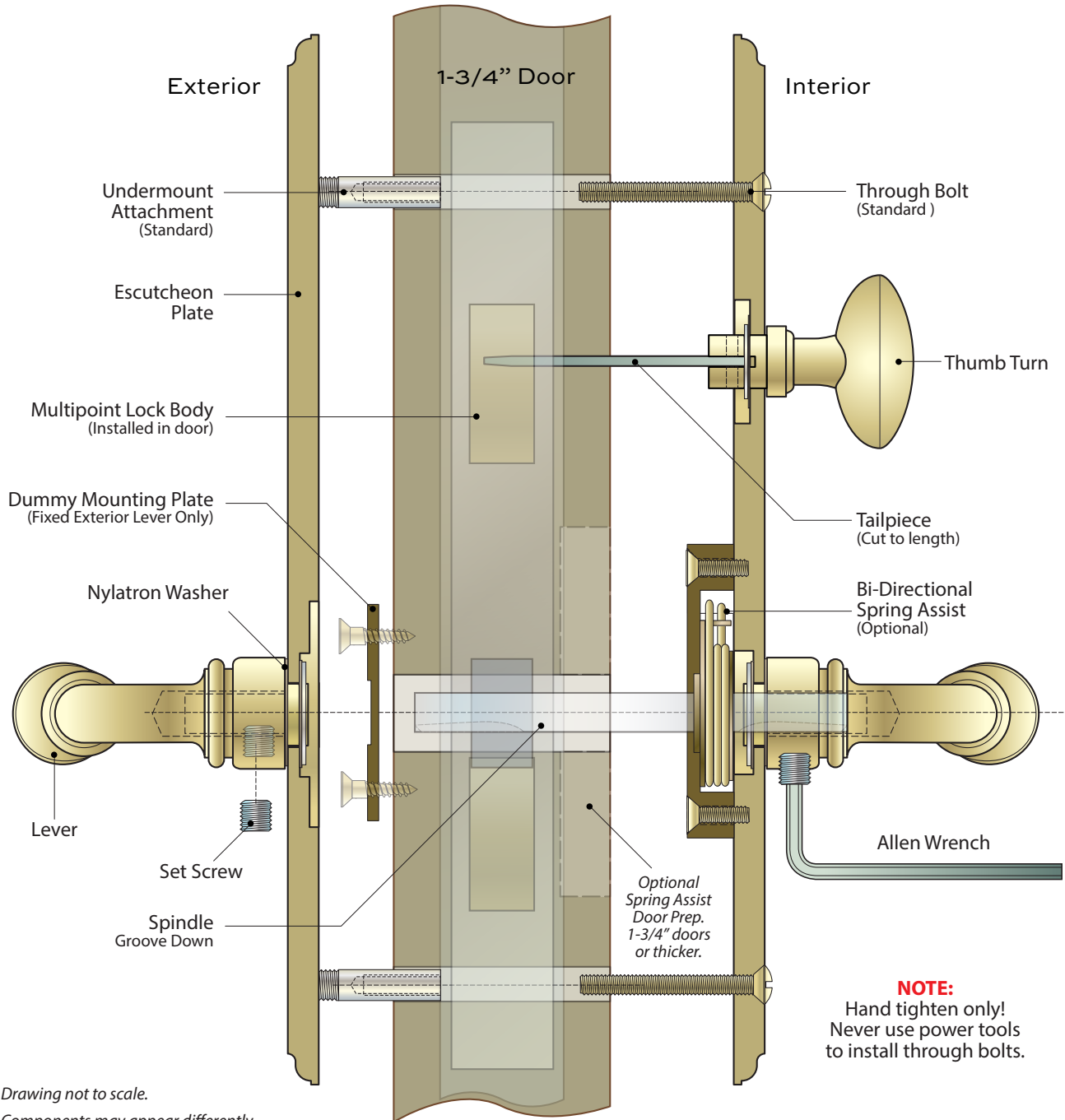
An optional bi-directional spring assist is available on 1-3/4" or thicker doors. If you order this option, additional door preparation will be required. As the lock is pre-installed in the door, **EXTREME CARE** must be taken not to damage the lock body when creating the pocket on the interior side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

The spring assist unit will be affixed to the interior plate. You may find it easier to install the spindle into the interior plate during installation.



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ASSEMBLY CROSS SECTION



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