



WATER STREET
BRASS

U.S. Multipoint Entry Installation Instructions

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

In some cases, the mounting hardware for the lock cylinder may not fit within the clearance hole in the door surface. If this is the case, carefully relieve the hole to accommodate these screws.

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.

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 will find it easier to install the spindle into the interior plate prior to installation.

INSTALL THE HARDWARE

1. Insert the straight spindle through the spring assist mechanism and into the interior lever with the groove facing down, toward the floor. Secure by tightening the set screw with Allen wrench provided.
2. Insert the entire interior 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 exterior side of the door.

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

3. Install the exterior plate by fitting the cylinder tailpiece through the lock body and sliding the spindle into the exterior plate lever. Carefully position the assembly onto the door surface.

The cylinder tailpiece will need to be cut to fit through the lock body, and into the slot in the thumb turn affixed to the interior plate. This will need to be measured and cut by the installer.

4. From the interior side of the door, install the two through bolts into the mounting attachments and carefully **hand tighten**.

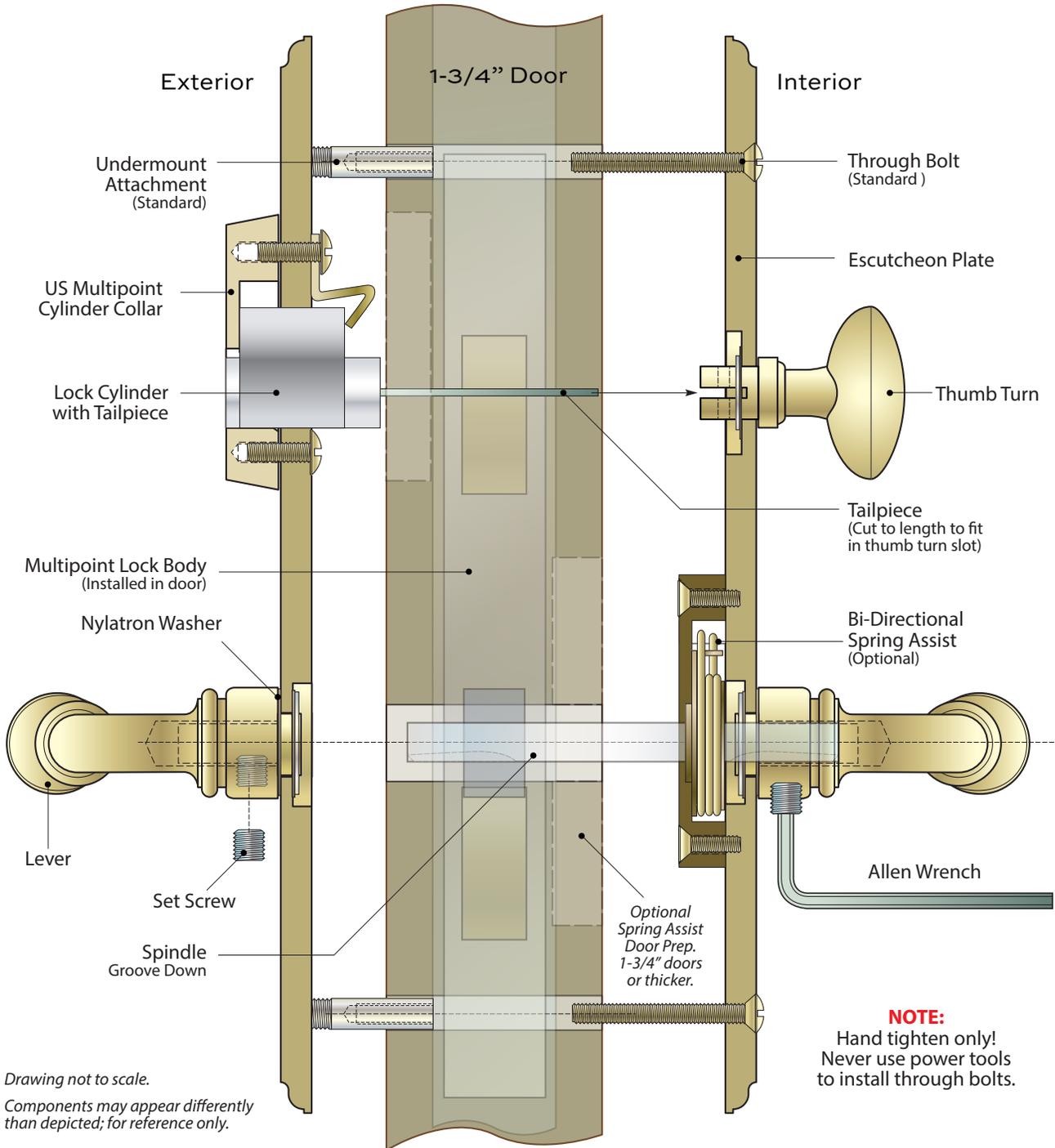
NOTE: Never use power tools to tighten the through bolts. Too much torque will strip the threading.

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



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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.