

Instructions For Using The BYP2 Bypass Tool

The BYP2 bypass tool allows you to remove cylinders from doorknobs when a rekeying tool is unavailable. Check to make sure the following items are included in your kit:

- BYP2 tool
- Spring punch
- 3/16" Drill Bit
- Three brass scalp plates for various knobs
- Three antique brass scalp plates for various knobs

NOTE: You can purchase additional replacement scalp plates from your local distributor.

To remove the retainer in the lock, you will also need a hook-style lock pick.

NOTE: Before you drill the knob, be sure you have the correct scalp plate for the lock you are working on, or a replacement cylinder.

Drilling The Knob

Insert the BYP2 tool into the doorknob using the included rekeying tool as a guide. Insert the key all the way into the knob until it stops (Figure 1). Next, drill a 3/16" hole through the guide approximately 1/4" in depth. Only drill deep enough to get through the face of the lock. Once the hole is drilled, you should be able to locate the retaining spring (Figure 2).

Use the provided spring punch to push the retaining spring past the retainer (Figure 3). Once the spring is pushed out of the way, use a hook style lock pick to slide the retainer to the right of the keyway, until it falls out of the housing (Figure 4). At this point, pull the cylinder from the lock with the cylinder pick. The retaining spring and retainer will fall into the lower portion of the outer knob. Retrieve both parts for reinstallation (Figure 5). If you wish to use the old cylinder with a new scalp plate, you will need to fit a key to the lock & cut a rekeying tool.

Replacing The Cylinder

There are two options once the cylinder has been removed:

Method #1: *Replace the scalp plate / Reinstall the spring & retainer*

To replace the scalp plate, pry off the old scalp plate with a screwdriver (Figure 6). The new scalp plates will snap onto the face of the lock (Figure 7). Be sure to use the proper scalp plate for the knob style you are working on. Rekey the cylinder as you normally would, and cut a new rekeying tool. With the scalp plate replaced, you must reinstall the retainer and spring. Insert the new rekeying tool and turn the plug 90 degrees counterclockwise. Next, insert the retainer into the side of the cylinder, and replace the retaining spring (Figure 8). You may need to re-form the spring to get it to lock in place

properly. You can now insert the cylinder back into the lock housing. **NOTE:** The lock must be in the unlocked position to reinstall the cylinder. If you need to unlock the knob, use needle-nose pliers to turn the actuating shaft 90 degrees (Figure 9).

Method #2: Replace the old cylinder with a new cylinder:

You can purchase complete cylinders from your distributor, complete with two keys and a rekeying tool. Reinstall the cylinder in the lock housing. . **NOTE:** The lock must be in the unlocked position to reinstall the cylinder. If you need to unlock the knob, use needle-nose pliers to turn the actuating shaft 90 degrees (Figure 9).

Scalp Plate Part Numbers (order through your distributor)

NOTE: You must specify the finish for each scalp plate when ordering

Part Number	Application
8501-11	Abbey
8501-15	Circa
8501-01	Cortez, Roman, Hancock



Figure 1: Inserting The Tool

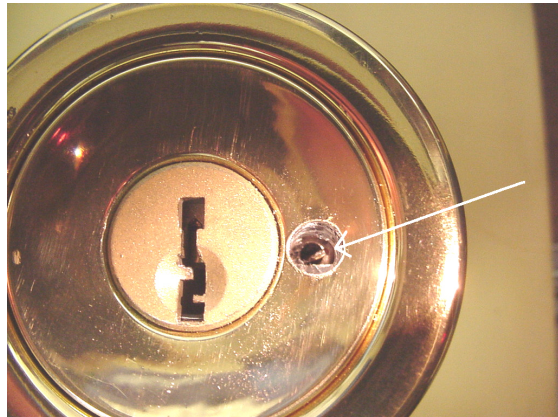


Figure 2: Locating The Retaining Spring



Figure 3: Cylinder With Spring Removed



Figure 4: Cylinder With Retainer Removed

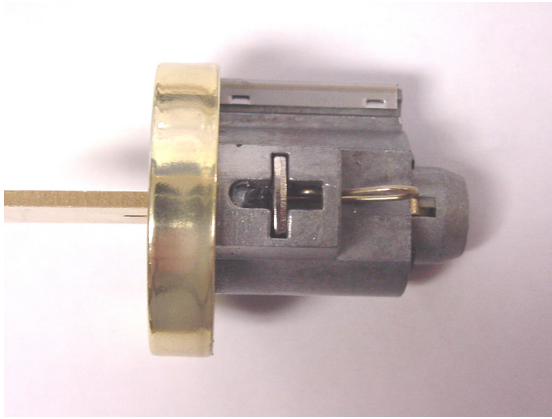


Figure 5: Retainer & Retaining Spring

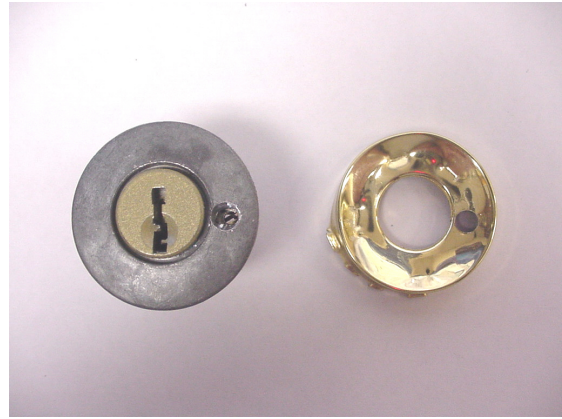


Figure 6: Scalp Plate Removed



Figure 7: New Scalp Plate Installed

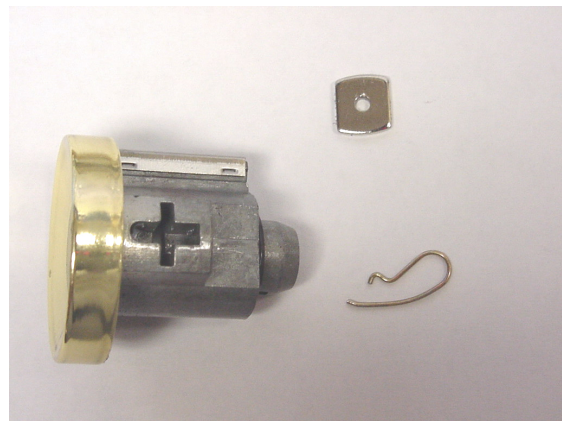


Figure 8: Replacing the Retainer & Spring

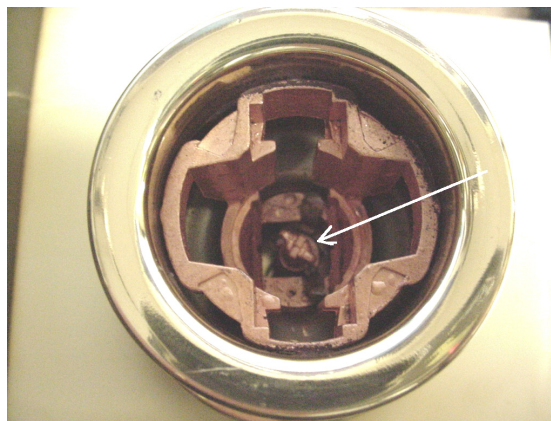


Figure 9: Actuating Shaft