



## Standard Handle Adapter & Cartridge Removal and Installation



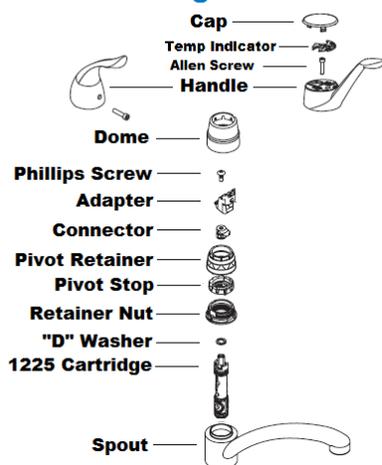
Tools needed:

7/64" Allen wrench Large Pliers or Channel Locks Flathead Screwdriver Small Brush



## Uninstalling the Handle & Adapter

### Legend



### Identifying Your Handle

Use the Photos to determine your handle style

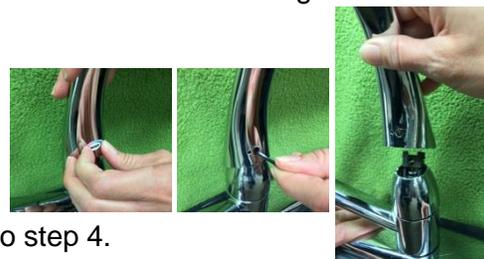


If you have the "plug button" style handle, go to step 1.



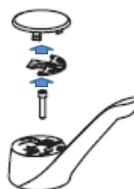
If you have the "cap style" handle, go to step 3.

- Using fingers or a flathead screwdriver, pry off the Moen plug button from the front of the handle. Use a 7/64" Allen wrench to remove the screw. If there are two holes, the screw will be in the larger hole. Then, lift off the handle.



- To continue with the removal of the handle adapter, please move to step 4.

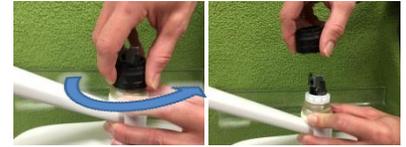
- Using your fingers or a flathead screwdriver, pry off the thin cap on the top of the handle. Use a 7/64" Allen wrench remove the screw and then lift the handle off.



4. By hand, pull upwards on the handle dome until it pops off. **Caution: This might pop off suddenly. Be sure not to have anything above the handle dome.**



5. Unscrew and remove the black Pivot Retainer.



6. Unscrew and remove the Phillips screw.

7. Remove the handle adapter and connector assembly.

8. Next, lift off the white or gray Pivot Stop.

9. Unscrew the Retainer Nut and remove.



10. If you are only replacing the handle mechanism pieces, please move to step 20. If you need to replace the 1225 cartridge, please move to step 11.

## Uninstalling the 1225 cartridge

- 11.

**Caution: Always turn your water supplies off before disassembling your faucet. With the supplies turned off, move your faucet's handle to the "on" position to relieve pressure.**

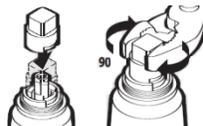
12. If there is a double-D washer, slide this off of the top of the cartridge stem.



13. Locate the U-shaped copper clip on the top of the faucet. Slide this out to remove.



14. Using the twisting tool provided in the 1225 cartridge kit, rotate the cartridge  $\frac{1}{4}$  of a turn in either direction. This should place the plastic ears on the end of the cartridge at the 9 and 3 o'clock position.



15. Grab the cartridge stem with pliers and pull the cartridge out. This might move easy at first, and then require more effort. Keep pulling until it pops out. **Caution: This may pop out suddenly. Be sure not to have anything above the cartridge.**



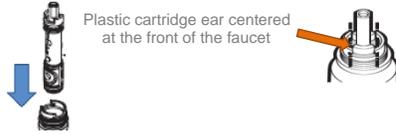
16. Clean the inside of the valve body with a soft bristled nylon brush (e.g. old toothbrush), to remove any calcium buildup. After cleaning, place a bowl on the open valve to redirect any water splash into



the sink. Then, turn on water supply lines to flush clean water through the open valve.

## Reinstalling the 1225 cartridge

17. Slide the new cartridge into the brass valve body. Insure the plastic ears on top of the cartridge end up located at the twelve and six o'clock positions.



18. Slide the copper clip back into the valve body on top of the cartridge. If you have trouble installing this, please refer to the special note at the end of this document.



19. Slide the double-D washer onto the brass cartridge stem.



## Reinstalling the Handle Mechanism

20. On the cartridge stem, locate the small notch at the end of the stem. This is on one of the flat sides. Rotate the cartridge stem so the small notch is facing forward.



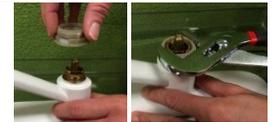
21. Reassemble the bearing washer into the Retainer Nut. The lip of the bearing washer goes into the Retainer Nut first. Then hand tighten the Retainer Nut back onto the faucet. Next, use pliers to tighten this an additional 1/8 of a turn.



The lip is on the top and goes in first

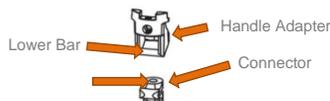


22. Place the pivot stop onto the retainer nut so that it lays flat. The "wall" around half of the pivot stop should be located at the front and on top. When slowly rotating this from side-to-side, you should feel it settle into place when perfectly centered.



## Reinstalling the Handle Adapter and Handle

23. If the black U-shaped connector and handle adapter are already put together, please move to step 24. If not, ensure the black connector is snapped on the lower bar, as shown in the pictures. The smaller hole should be on the top of the connector.



Small Hole

24. Slide the black handle connector onto the stem of the cartridge. The Handle Adapter and Connector assembly will now sit on the pivot stop. The large hole on the handle adapter will now face forward with the bottom tab on the lower backside of the adapter facing toward the back of the faucet. Screw the Phillips screw down through the connector and tighten; ensure this is very tight.



Large hole in front

25. Finish reassembling the handle by reversing steps 5 to 1. For the “plug button” style handle, first refer to the special note below.

### Special Note for “Plug Button” Style

Right before installing the handle, push the handle adapter back slightly to reveal the hole on the front of the handle adapter. This will allow for easier access to the hole on the front of the Handle Adapter.



### Special Note for Reinstalling the Cartridge Clip

If the cartridge clip does not go all of the way in, there are two possible causes for this. Check the following and adjust to make correct:

- 1) The plastic tabs of the cartridge must be positioned perfectly at the twelve and six o'clock positions.

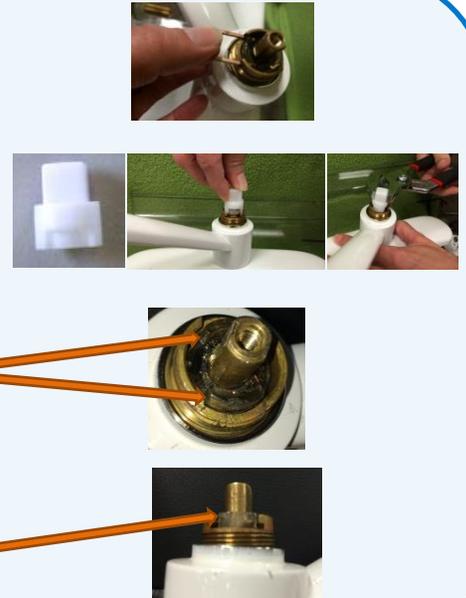
**Solution:** If the tabs are not correctly aligned, use the plastic twisting tool to rotate the cartridge and perfectly align the tabs at the twelve and six o'clock positions.

Plastic tabs positioned correctly

- 2) The plastic tabs of the cartridge must be at the same level or lower than the brass valve body.

**Solution:** If the tabs are above the brass, use the plastic twisting tool to push down on the cartridge. This evenly distributes the pressure to the cartridge shell.

Plastic tab correctly positioned



## You are all done!