K3.12- 4000 And Diverter Install

100885 and 14960 Divers: Removal and Installation

Tools Needed:

- 3/32" Allen Wrench
- Large Pliers or Channel Locks
- Flathead Screwdriver
- Small Brush

https://solutions.moen.com/Internal_Reference_Guides/Solutions/How_To_Install_My_Parts/Parts%3A_Kitchen_Faucet/K3.1...
Removal of the Diverter

1. 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.

2. Rotate the faucet handle in either direction until it stops.
3. Insert the Allen wrench into the hole on the handle on the side opposite the lever. Rotate the Allen wrench to unscrew the handle set screw. The screw does not need to be fully removed.

4. Lift the handle off of the faucet and set aside. Make sure not to lose the set screw.
5. Using your hands, grab the collar. Rotate this counter-clockwise. Remove the collar from the faucet.

6. Using large pliers or Channel Locks, unscrew the retainer nut counterclockwise. Place this away from the work next to the collar.
7. Using your hands grab the spout and lift up to remove the item from the faucet body.

Identifying Your Diverter
Look on the back of the brass body

100885 Diverter (color may vary)
This diverter is ½” in diameter

If you have this diverter, go to steps 8-12.

14960 Diverter (color may vary)
This diverter is ¾” in diameter

If you have this diverter, go to steps 13-16.

100885 Diverter Removal and Installation
Use these steps if your diverter measures ½” in diameter
8. Insert a flathead screwdriver in the hole on the back of the brass body of the faucet. Use the lip on the end of the plastic diverter to slide the diverter out of the hole.

9. If you need to replace the diverter cage (shown below), go to steps 17-23. If you do not, move on to step 10.
10. **Caution:** *This step will cause water to flow from the valve to the surrounding area.* Place a towel around the base of the faucet to help control water flow. Under the sink, slowly turn the hot and cold water valves back on. This will allow a flow of water to flush the valve. Turn this off after a few seconds.

11. Slide the new 100885 diverter into the hole in the brass body until the diverter is fully seated.

12. Reassemble the faucet by looking back at the “Removal” section and working in reverse from step 8 to step 1. After assembling the faucet, refer to the “Special Note” below.
Special Note:
After assembling the faucet, turn the faucet on and inspect the area under the handle to ensure there is not any water seeping out. If water is seen leaking here, remove the handle and the collar and tighten the retaining nut another 1/8 of a turn.

14960 Diverter Removal and Installation

Use these steps if your diverter measures ¾” in diameter

13. Insert the head of the 5/16” bolt supplied in the diverter kit in the hole on the back of the brass body of the faucet. Holding onto the threads of the bolt with your fingers or pliers, unscrew the diverter and then slide it out of the hole.
14. If you need to replace the diverter cage, go to steps 17-23. If you do not, move on to step 15.

15. Insert the new 14960 diverter into the hole on the brass body. Use the bolt to tighten the diverter clockwise. The bolt may be discarded when finished.
16. Reassemble the faucet by looking back at the “Removal” section and working in reverse from step 8 to step 1. After assembling the faucet, refer to the “Special Note” shown at the top of this page.

100886 Diverter Cage ( included in hardware kit ) Removal and Installation

Be sure to remove the diverter before performing these steps

17. Using pliers grab the white, square stem sticking up from the faucet and lift the cartridge out of the faucet.

18. Using pliers, grab the black cylinder inside of the valve body. There are three holes in the black cylinder that provide a place to grab. Then, pull up to remove.
19. Flush the brass body. It is important that there is not any debris in the chamber. If you flush the brass body, a lot of water will be produced and the water can be hard to control. This is not advised if there is a chance the water might harm anything in the area. Make sure to place towels around the area and a bowl over the top of the brass valve to control the water. To flush the valve body, you turn the main cold water supply on under the sink. Be prepared to shut the main valve off quickly if needed.

20. To install the new diverter cage, slide the new cage into the brass body and press until it is fully seated. Be sure to line up the hole on the side of the black diverter cage up with the hole in the brass body.

21. View the bottom of the cartridge to find the small tabs protruding. Look into the brass chamber to find the location of the three large holes and the smaller holes. These smaller holes will accept the small tabs protruding from the bottom of the cartridge.
22. Insert the cartridge into the brass chamber making sure to line up the three large holes. Ensure the small tabs go into the small holes so the cartridge will seat completely.

23. Now you will need to install the diverter. For the 100885 diverter, return to step 11. For the 14960 diverter, return to step 15.

You are all done!