



O-Ring Kit for Push Buttons

Product number 6201.03

Important Notices

- » **Push button dimensions vary per control. We recommend replacing one push button at a time or carefully labeling buttons on removal.**
- » **NEVER re-use an e-clip. Always replace an e-clip if removed from the push button.**
- » **Water pressure test or take your housing underwater to at least 50 feet (15m) without a camera installed after replacing any control o-ring.**

In the Box

- (15) Short springs
- (15) Long springs
- (20) O-rings
- (20) E-clips
- (20) Black nylon washers
- (20) Clear nylon washers
- Silicone lubricant

Tools Needed

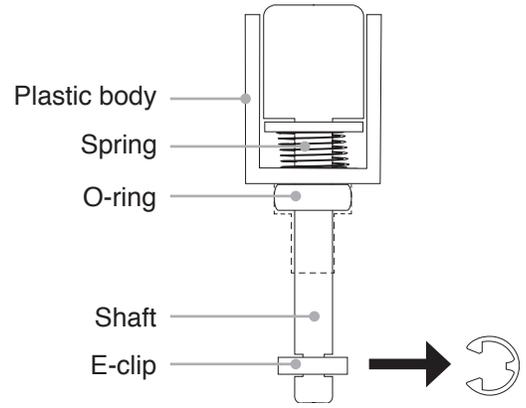
- Needle nose pliers

Replacing a Push Button O-Ring

Removing the Push Button

1. Remove the rubber tip from the inside end of the push button.
2. Press and hold the push button.

3. Remove the e-clip from the push button shaft using a pair of needle nose pliers.



4. Remove the push button, spring, and washer(s) from the housing.
 5. If replacing o-ring(s) on the back of an ULTRAcompact type housing, remove the black plastic body. If replacing one of a cluster of buttons, you will need to remove all push buttons in the cluster to access the o-rings. Carefully label each button for proper placement when re-installed.
 6. Remove the o-ring(s) from the housing.
- » **If the o-ring sticks in the housing groove, use a blunt object like a toothpick to remove. Do not use a sharp or metal object which may damage the sealing surface.**

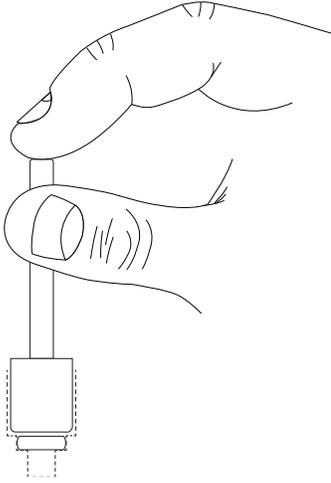
Preparing the Push Button

1. Discard the original o-ring, spring, and e-clips. Re-use of an o-ring or e-clip may lead to leakage.
2. Wipe the push button clean with a soft, lint-free cloth.
3. If there is excessive build-up on the push button, it may be cleaned using a solution like CLR or Salt-Away. Rinse and dry the push button thoroughly after using a cleaning solution.
4. Make sure there is no dirt or debris in the hole for the push button. You can use a mild dish soap if the opening has dirt that is difficult to remove. Never use CLR, alcohol, or a harsh cleaning solution directly on the housing.
5. Lightly lubricate the shaft of the push button using the included silicone lubricant. **DO NOT** use a non-Ikelite lubricant, which may cause swelling of the o-ring or cracking of the housing.

Installing the O-Ring

1. Lubricate the o-ring.
2. Place the o-ring in the push button hole.

3. Insert the o-ring tool or the head of a push button into the hole and press down gently until it stops.



4. Check that the o-ring is seated flat on the sealing surface.
5. If replacing one of a cluster, all o-rings in the cluster must be installed and seated prior to next step.

Installing the Push Button

1. Assemble the nylon washer(s) and spring onto the push button shaft.
2. If installing a push button on the back of the housing, insert the black plastic body into the opening.
3. Insert the push button into the hole.
4. Gently push the end of the push button through the hole in the o-ring. If you feel resistance, twist the push button slowly while installing.
5. Press and hold the push button firmly.
6. Install a new e-clip in the push button groove using a set of needle nose pliers.
7. Release the push button.
8. Operate the push button several times.

Final Testing

1. Check that all controls are installed.
2. Check that the housing's rear o-ring is clean, lightly lubricated, and installed correctly.
3. Close the housing WITHOUT a camera installed.
4. Submerge the housing in a bucket of fresh water and operate each control one by one. This will check for major leaking or missing o-rings.

5. If the housing passes the bucket test, submerge the housing WITHOUT a camera installed to a depth of at least 50 feet (15m) and check each control. This will test for leaks due to debris, improper seating of the o-ring(s), or a bad sealing surface.
6. If the housing fails the pressure test, we recommend returning the unit to the factory for service.

Contact Us

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