

# Installation

## Verge™ Faucet Sensor Replacement Instructions



**Read the instructions in this manual before beginning installation. Save these instructions and refer to them for inspection, maintenance, and troubleshooting information.**

For questions regarding the operation, installation or maintenance of this product, visit [bradleycorp.com](http://bradleycorp.com) or call 800.BRADLEY (800.272.3539).

Product warranties and parts information may also be found under “Resources” on our website at [bradleycorp.com](http://bradleycorp.com).



## Safety Information

### Caution

A DC plug-in adapter (supplied by Bradley) should be used in conjunction with the Bradley supplied faucets. The DC plug-in adapter supplied by Bradley is 6V DC regulated. Use of any other DC power adapter type will cause damage.

### Important


Separate parts from packaging and make sure all parts are accounted for before discarding packaging material. If any parts are missing, do not begin installation until you obtain the missing parts.

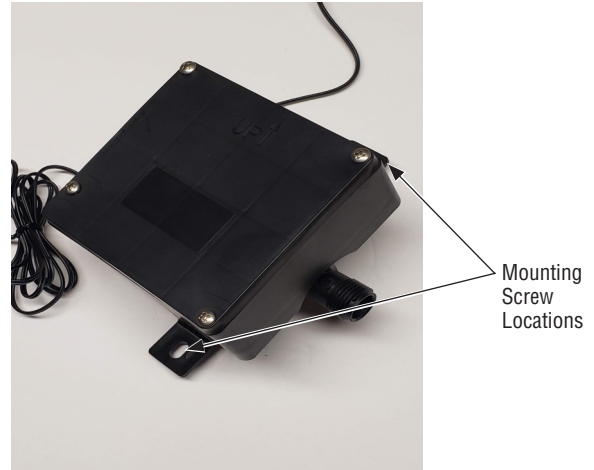
## Supplies Required

- Phillips head bit or Phillips head screw driver
- Flathead screw driver
- 1/8" hex key
- 1/16" hex key
- 1" wrench
- Wire cutter
- Electrical tape

## 1 Access Control Box Cover

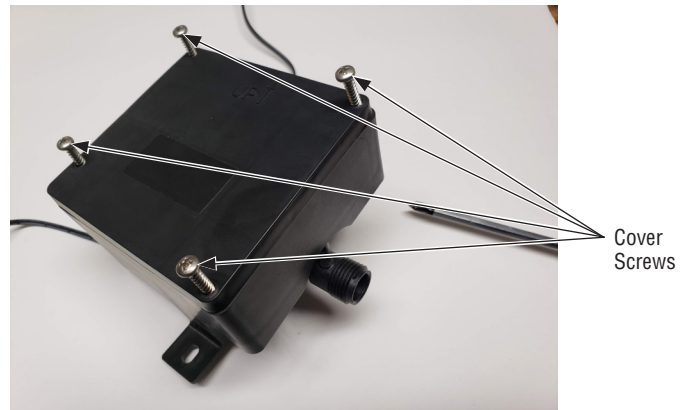
**A** Locate the Verge faucet control box.

 *If necessary, remove two mounting screws to remove the control box from the wall to access the cover.*

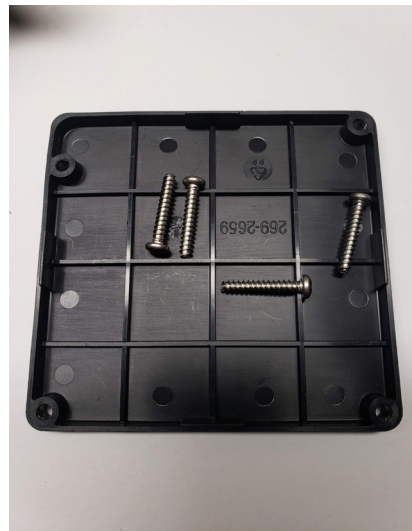


## 2 Remove Control Box Cover

**A** Remove the four screws that secure the cover to the control box.

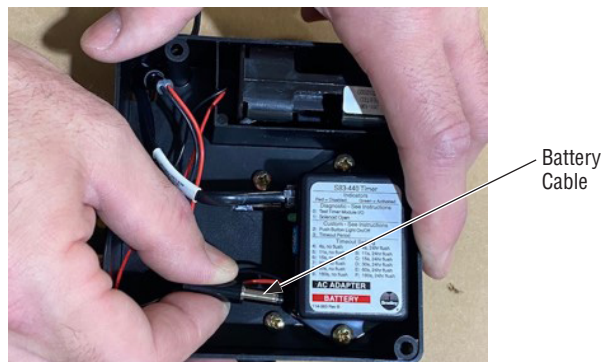


**B** Set the cover and screws aside.

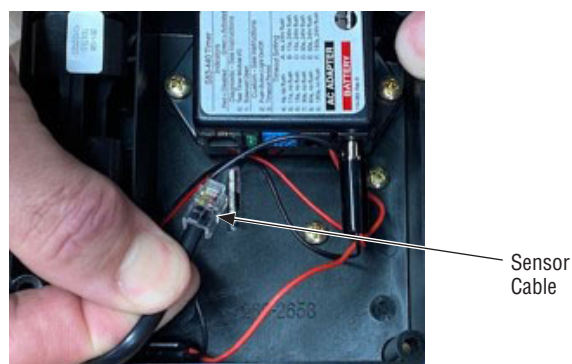


### 3 Unplug Battery Cable & Sensor Cable

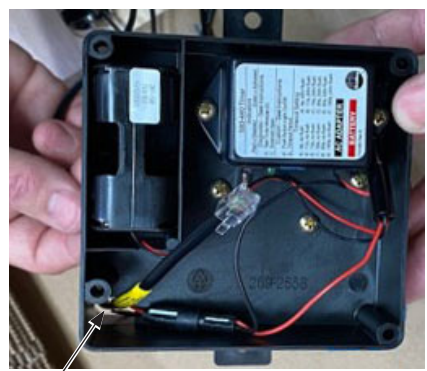
**A** Unplug the battery cable and/or the wall plug from the timer module.



**B** Unplug the sensor cable from the timer module.



**C** Pull the sensor cable through the opening in the control box.

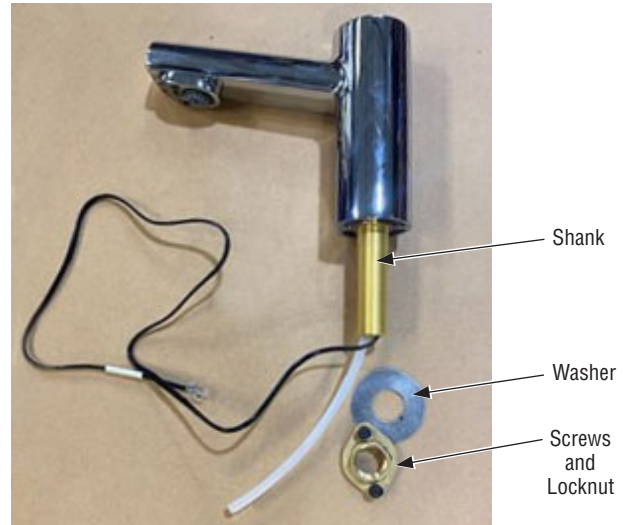


## 4 Remove Faucet from Deck

**A** Disconnect the ¼" water supply tube.

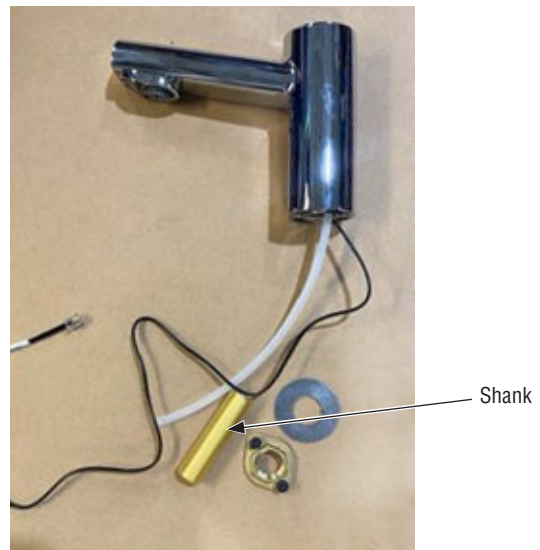
**B** Loosen and remove the two screws from the locknut, and then loosen and remove the locknut and washer from the shank.

**C** Remove the faucet from the deck. Set the faucet aside on a flat, clean surface.



## 5 Remove Shank from Faucet Body

**A** Unscrew the shank from the faucet body.



## 6 Remove Sensor Assembly from Faucet

**A** Remove the sensor assembly screw from the sensor assembly and set screw aside.

Sensor Assembly  
Screw



**B** Use a flathead screwdriver to carefully pry the sensor assembly from the faucet head.



**C** Pull the sensor assembly slightly away from the faucet.

Sensor  
Assembly





## 7 Remove & Replace Sensor Assembly Head

**A** Cut off the sensor assembly head from the sensor head assembly wire.

Sensor  
Assembly  
Head



**B** Use electrical tape to attach the new sensor connector end to the cut sensor head assembly wire.



*The cut sensor head assembly wire will be used to thread the new sensor assembly through the faucet body.*



**C** Gently pull the previous sensor assembly wire from the bottom of the faucet while carefully feeding the new sensor assembly wire through the aerator assembly.

Aerator  
Assembly

New Sensor  
Assembly Wire

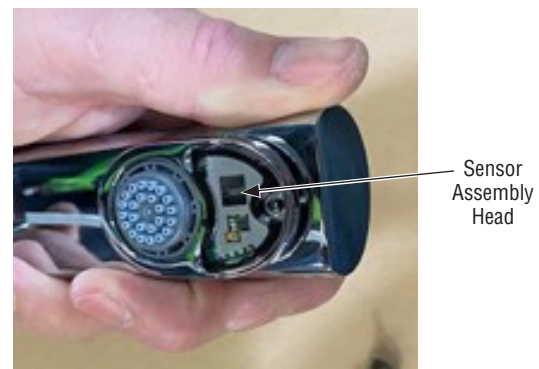


**D** Continue to pull/feed the wire until the new sensor assembly wire is through the bottom of the faucet.



New Sensor  
Assembly Wire

**E** Position the new sensor assembly head into the aerator assembly.



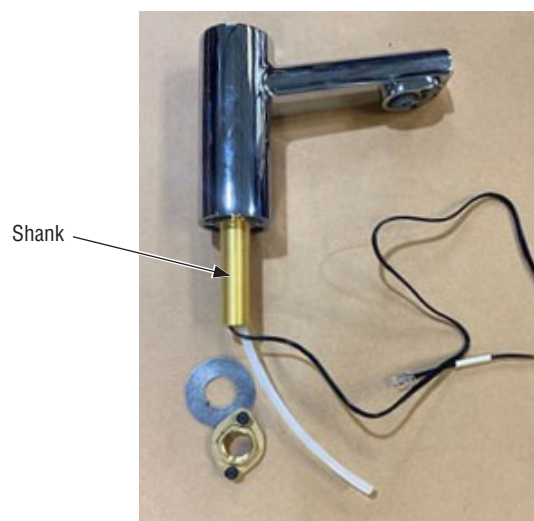
## 8 Install Sensor Assembly into Faucet

**A** Install the sensor assembly into the faucet and secure using the sensor assembly screw that was previously removed.



## 9 Attach Shank to Faucet Body

**A** Slide the shank over the wiring and screw the shank into the bottom of the faucet.





## 10 Install Faucet onto Deck

**A** Place the faucet onto the deck. Install the washer, tighten the locknut and screws, and reconnect the ¼" water supply tube.



## 11 Plug in Battery Cable & Sensor Cable

**A** Push the sensor cable through the opening in the control box.

Push sensor cable through opening.

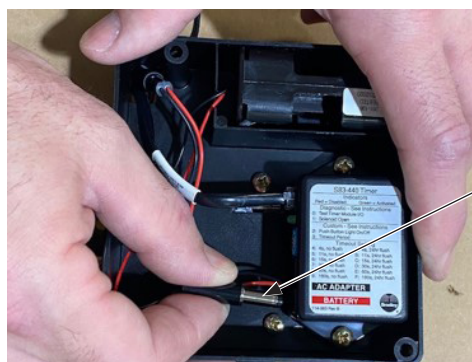


**B** Plug the sensor cable into the timer module.



Sensor Cable

**C** Plug the battery cable and/or the wall plug into the timer module.



Battery Cable

## 12 Test Faucet & Replace Control Module Cover

**A** Activate the faucet to verify it is working properly, and then replace the cover onto the control box.

