

## Triathlon WIDR Roller Shade

Electronic Drive Unit (EDU) Replacement Guide – Please Read Before Replacing EDU

Applicable Shade Models:  
QSFR()C

NOTE: The following EDU replacement instructions describe a regular-roll shade, which has its EDU installed on the shade's left side. For reverse roll shades, the procedures are identical, with some aspects directionally mirrored.

## 1 Prepare to Replace EDU

## 1.1 Included in the box:



Replacement EDU

New In-line fuse



## 1.2 Additional tool(s) you'll need:

90° T15 (Torx) driver

## 1.3 Identify the shade for EDU replacement using the order and line numbers on the new calibration label supplied with the EDU.



NOTE: Do not adhere calibration label to the EDU housing, as it may interfere with the inside of the tube during operation.

If the EDU and its calibration label become separated, use the serial number on the EDU wire harness to locate the correct calibration label.



Calibration Label

Harness Label

## 2.3 Uninstall battery tray screws.

Use 90° T15 (Torx) driver to uninstall battery tray screws. Save screws and washers, which will be reinstalled later.



Some shades may contain a spring and spacer at this location. Remove screws in the same way and save all parts, which will be reinstalled later.



## 2.4 Remove bracket from battery tray.

Tilt bracket out of the battery tray. Carefully pull wires out of battery tray.



## 2.5 Pull bracket and old EDU out of tube.

NOTE: EDU has an interference fit inside the tube. Relatively high force (around 5 to 10 lbs) is expected at this step.



## 2.6 Inspect opposite end of shade.

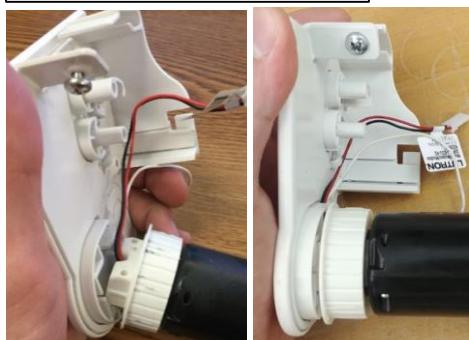
ATTENTION: After removing the bracket, make sure the tube on the opposite end of the shade (may contain spring assist) is kept engaged with the bracket.



## 3 Install Replacement EDU

## 3.1 Install new EDU in bracket.

Hook and snap the EDU end into bracket.



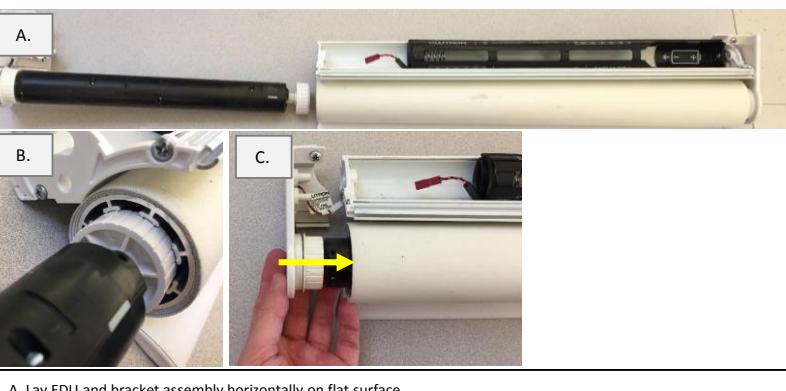
Route black and red power wires through metal hooks.



Route white antenna wire in channel. Press wire in at the 6 "teeth" to secure in place.



## 3.2 Install EDU in tube.

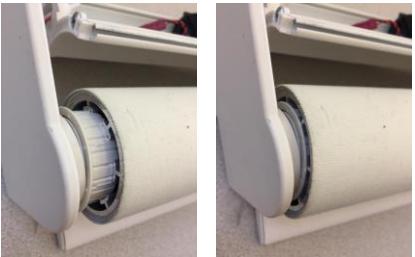


A. Lay EDU and bracket assembly horizontally on flat surface.  
B. Align the grooves in the EDU puck with the splines inside the shade tube and insert.  
C. Push EDU into tube. Do not fully install EDU at this point.

## 3.3 Route EDU wires through the top slot in the battery tray.



3.4 Fully insert EDU into tube.



Align bearing sleeve grooves with internal tube teeth.  
Compress shade until idler is fully seated.

**NOTE:** The EDU has an interference fit with the tube. Relatively high force (around 5 to 10 lbs) is expected at this step.

3.5 Reinstall battery tray screws.



Use 90° T15 (Torx) driver to reinstall battery tray washers and screws.

3.6 Reconnect battery box.



Connect supplied NEW in-line fuse between EDU and battery box.  
Re-apply tape over in-line fuse to secure it in place.

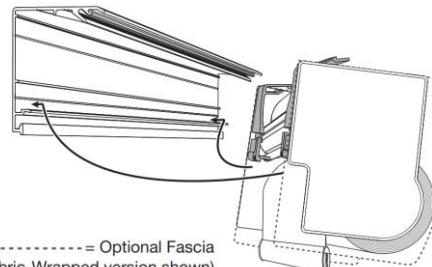
3.7 Rework completed.

Return old EDU to Lutron following instructions from your Customer Service or Technical Support representative.

#### 4 Reinstall Shade

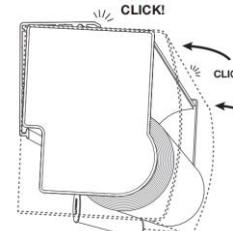
4.1

Rest the inner part of each end bracket (shaded below), bottom-first on the lower shelf of the mounted Mounting Rail.



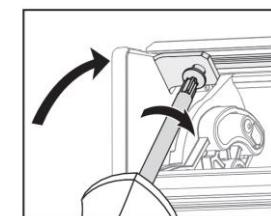
4.2

Push the top of the shade into the Mounting Rail, locking the brackets with an audible "click" at each end.



4.3

Tilt the bracket to an upright position, and thread the screw into the threaded channel in the Mounting Rail. Hand-tighten.



#### 5 Re-associate Controls and Set Upper and Lower Limits

**NOTE:** Unlike replacement shades, replacement EDUs do not come with upper and lower limits pre-set by Lutron. Direction of shade motion (opening/closing) may be reversed until limits are set. Set the upper and lower limits before resuming normal use.