

# Replacing the IOT module on Evie S1 and T1

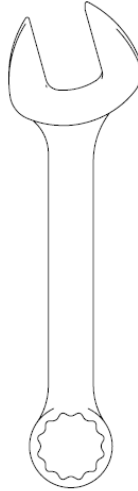
# Tools



4mm Allen Key



5mm Allen Key

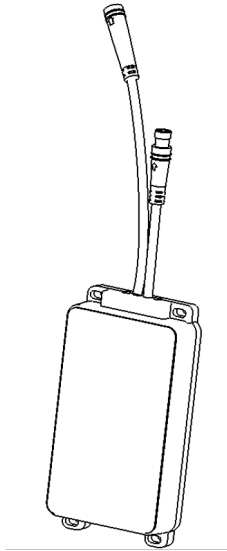


18mm wrench



#1 Phillips screwdriver

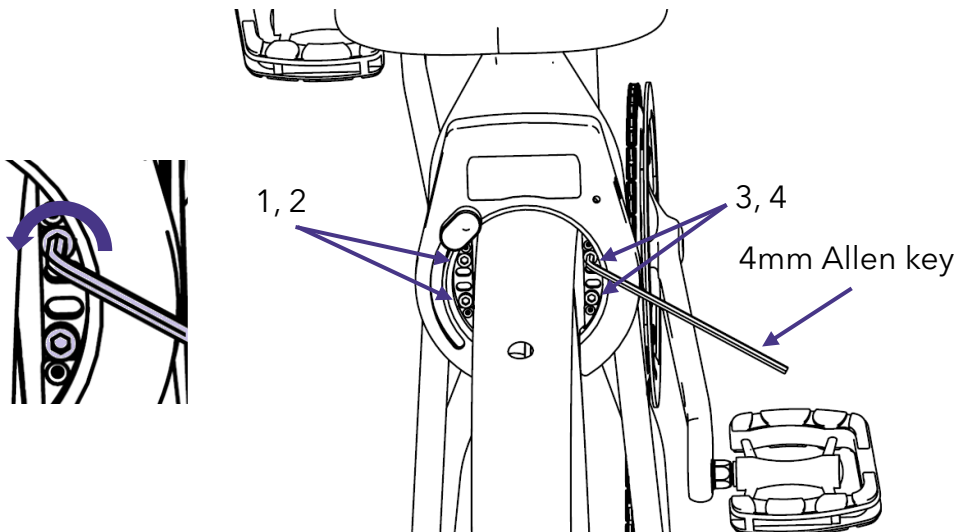
# Components



**New IOT module**

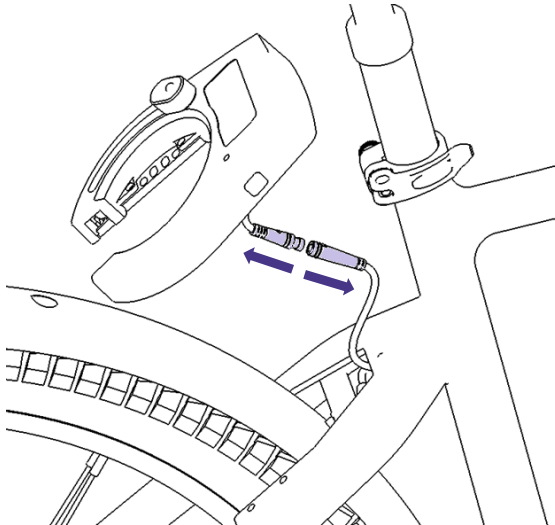
# Step 1

Use 4mm Allen key to remove four screws that mounts the lock to the frame of the bicycle.



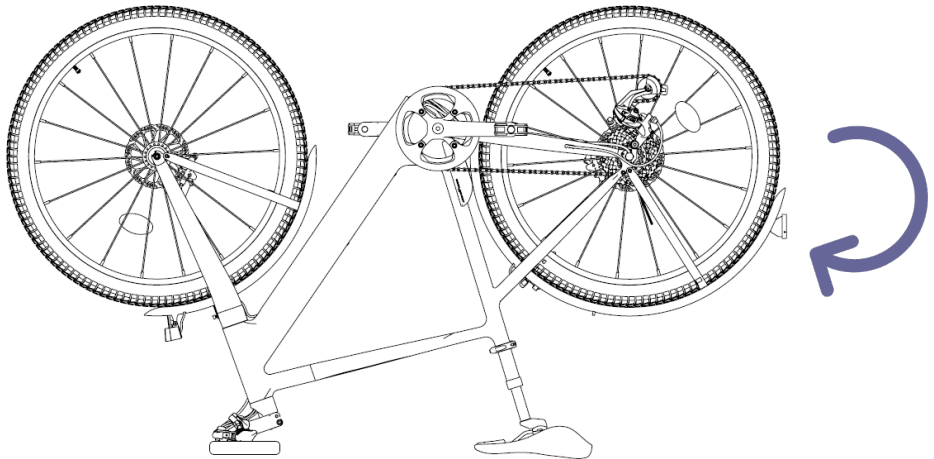
# Step 2

Gently unplug the connector of the lock.



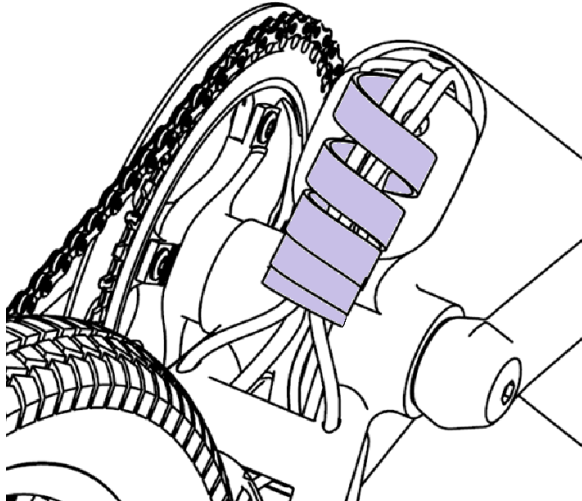
# Step 3

Flip the bicycle upside down with soft padding on the display.



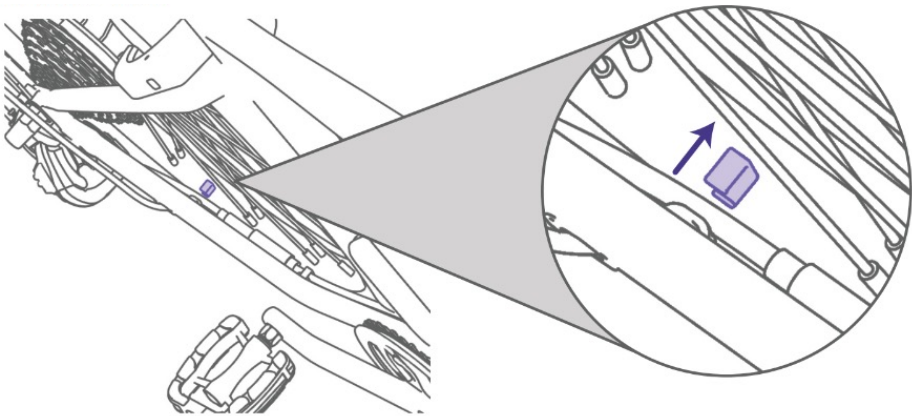
# Step 4

Take off spiral cable wrap at the bottom part of the frame.



# Step 5

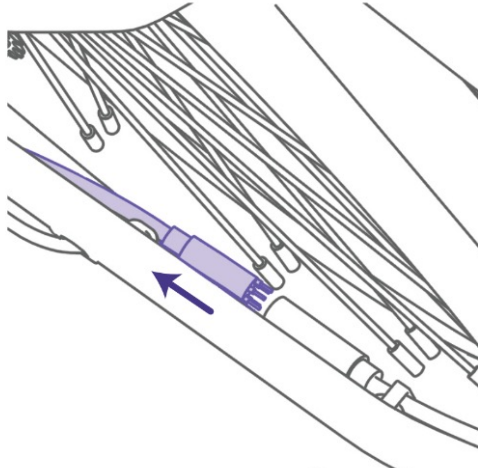
Remove the cable tie clip on the bike frame. Make sure to store it safely for later use.





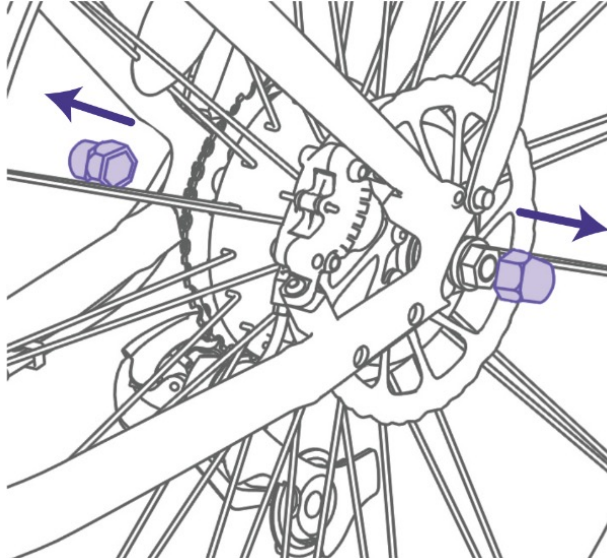
# Step 6

Unplug hub motor connector.



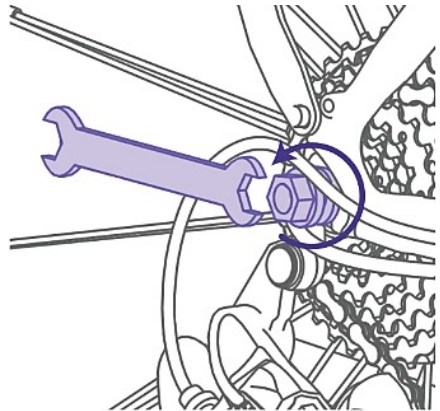
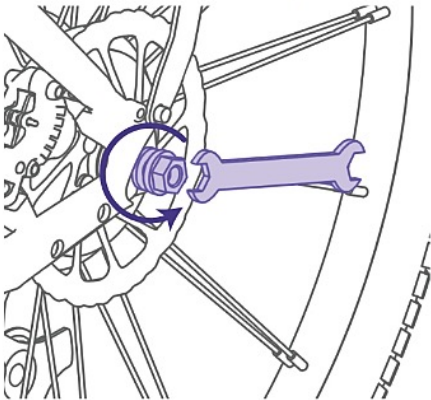
# Step 7

Remove rubber caps on both sides of the rear wheel.



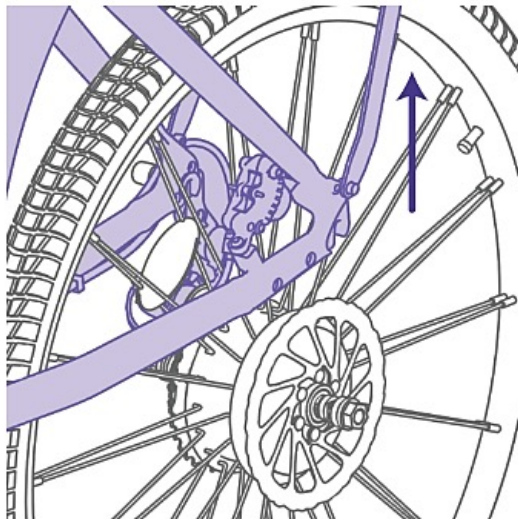
# Step 8

Loosen the nuts on both sides of the rear wheel. You do not need to remove the nuts completely.



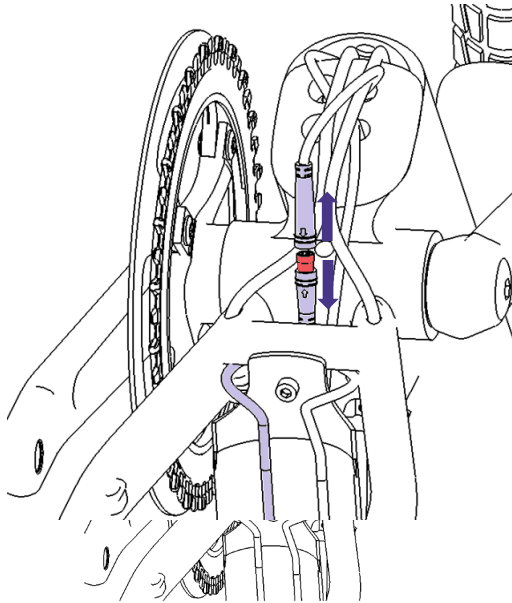
# Step 9

Remove the rear wheel by detaching it from the frame.



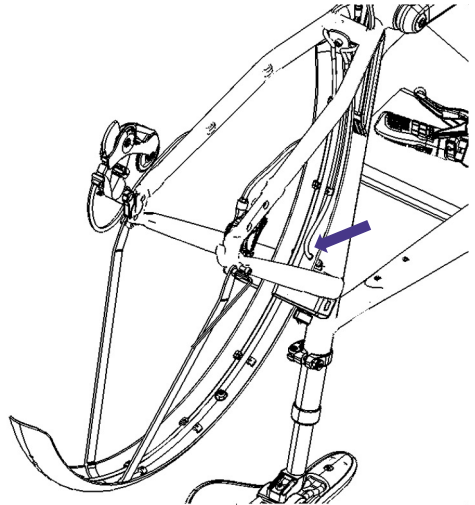
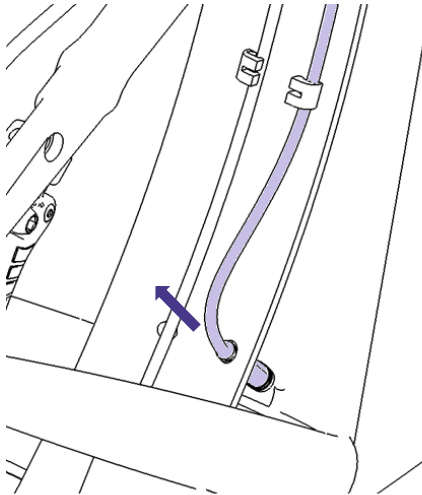
# Step 10

Unplug the rear light connector.



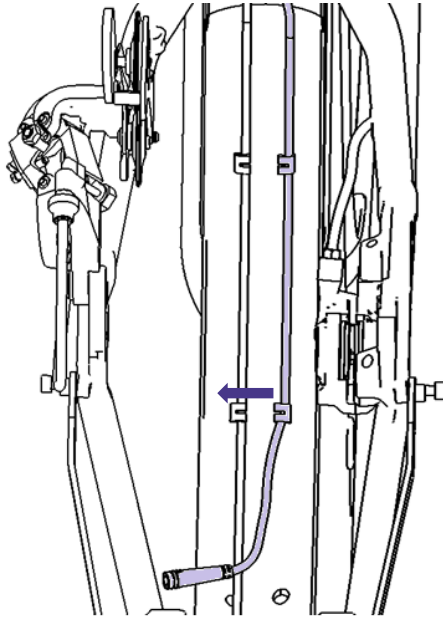
# Step 11

Pull out the lock connector cable through the fender hole.



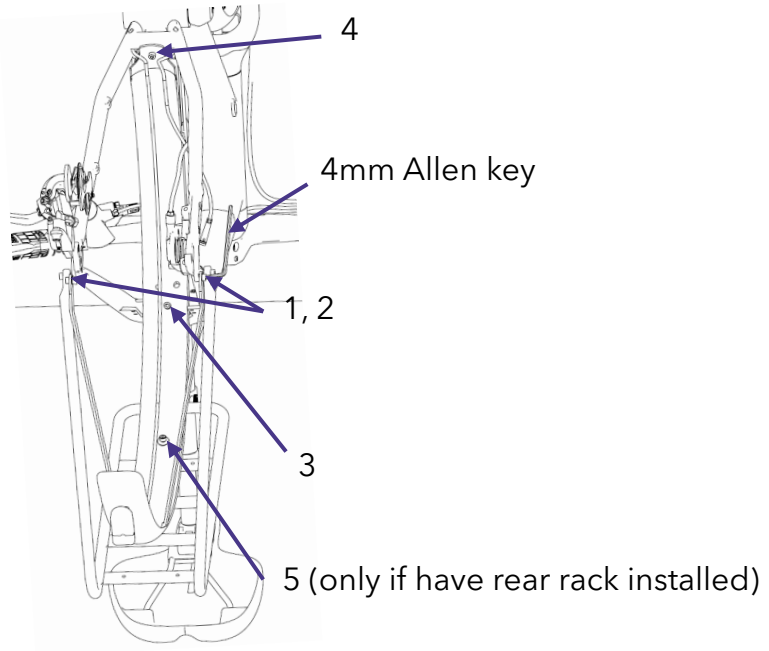
# Step 12

Free the lock cable from two clips on the rear fender.



# Step 13

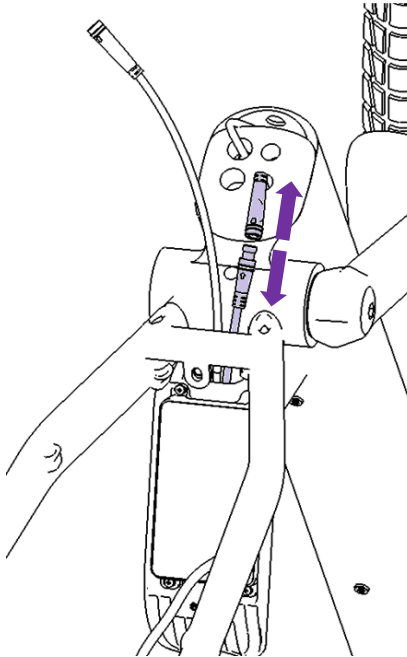
Use 4mm Allen key to remove four rear fender screws. If have rear rack, also need to remove a screw using 5mm Allen key that mounts the rear fender to the rear rack.





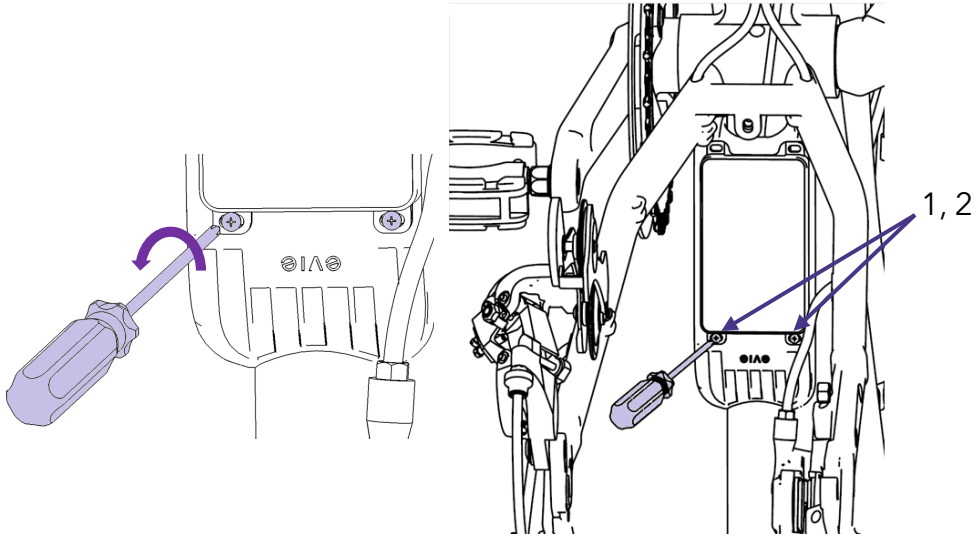
# Step 14

Gently unplug the IOT module connector from the controller connector.



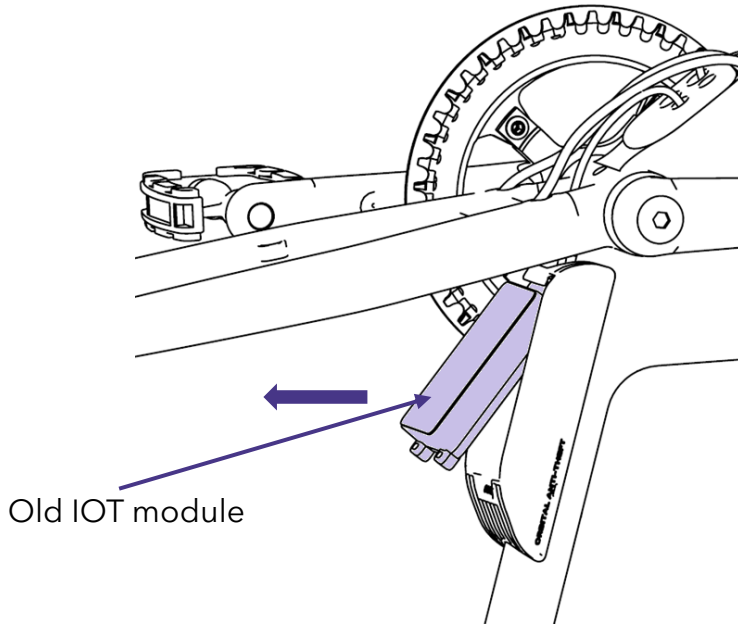
# Step 15

Using #1 Phillips screwdriver to remove two screws that mount the IOT module to the bicycle frame and remove the old IOT module



# Step 16

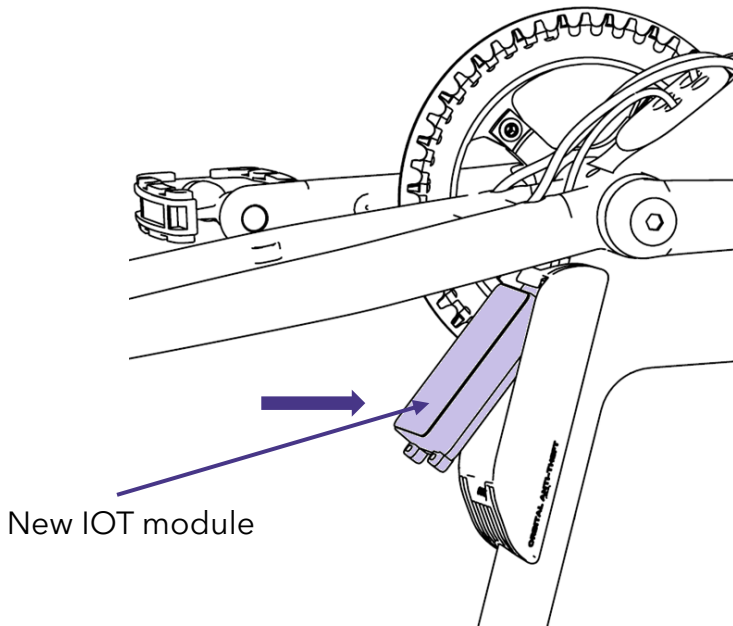
Take out the old IOT module from the casing.



# Step 17

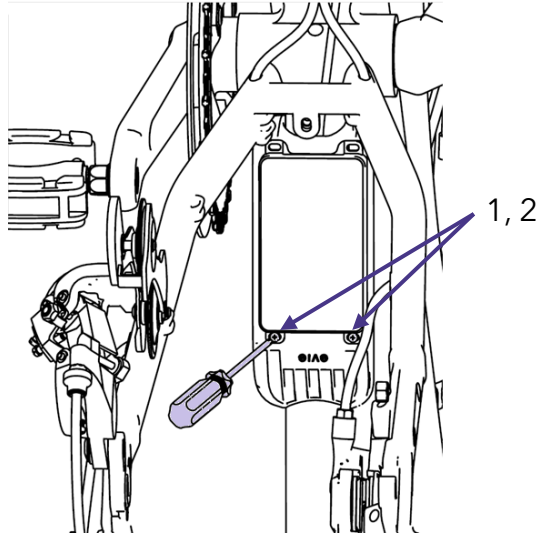
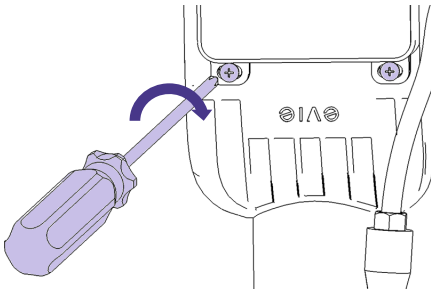
Install the new IOT module.

Install the new IOT module.



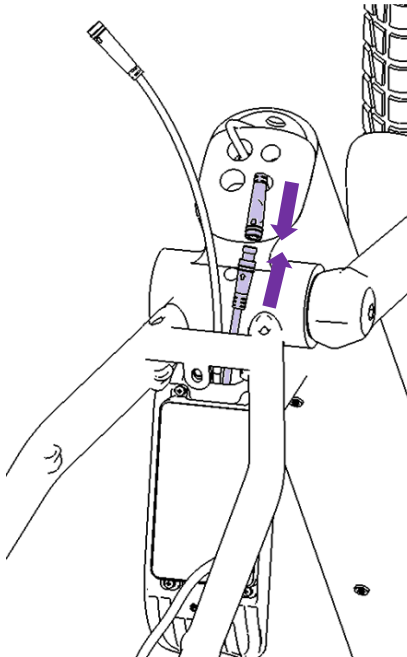
# Step 17

Install back the two screws that mount the IOT module to the bicycle frame.



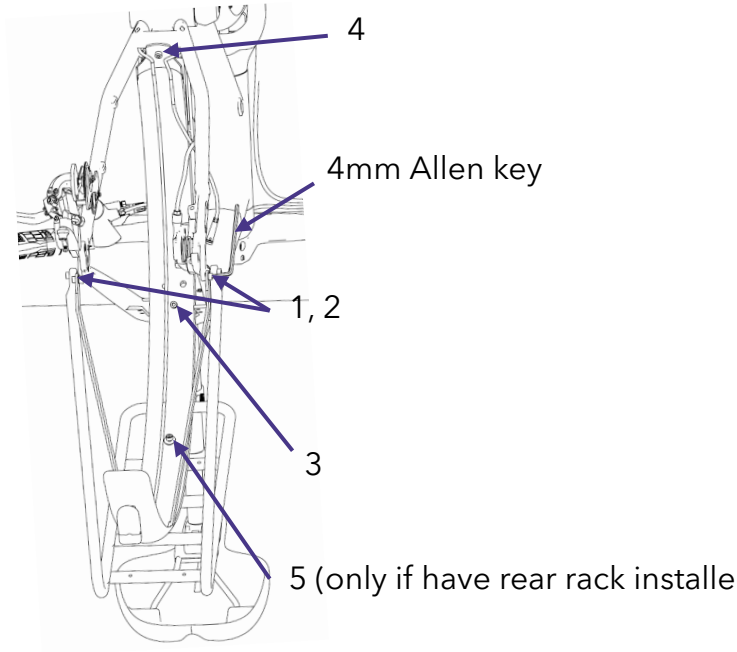
# Step 18

Plug in IOT module connector with the controller connector.



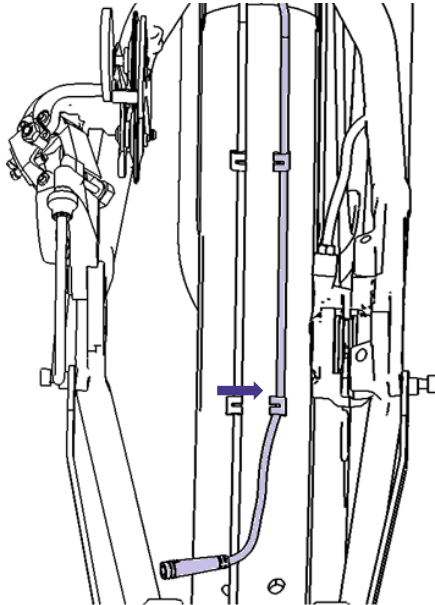
# Step 19

Use 4mm Allen key to install back the four rear fender screws. If have rear rack, also need to install a screw using 5mm Allen key that mounts the rear fender to the rear rack.



# Step 20

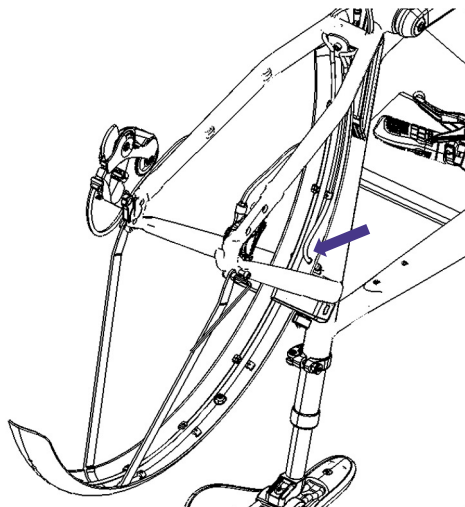
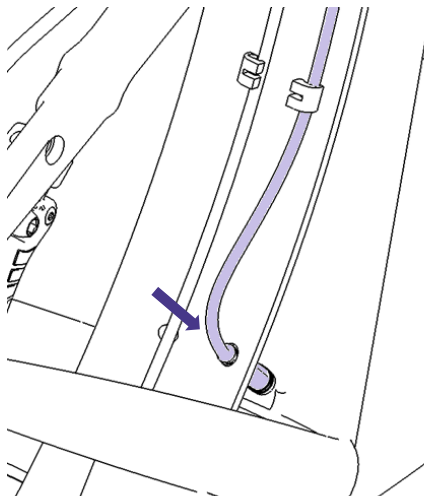
Install back the lock cable into the clips.





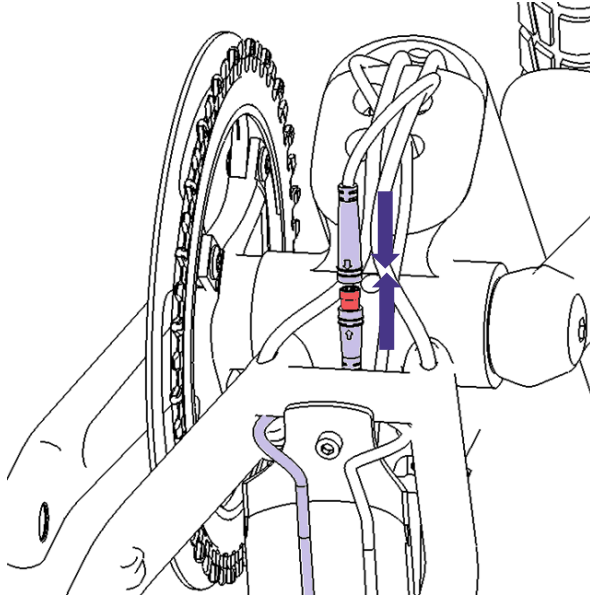
# Step 21

Pull in the lock connector cable through the fender hole.



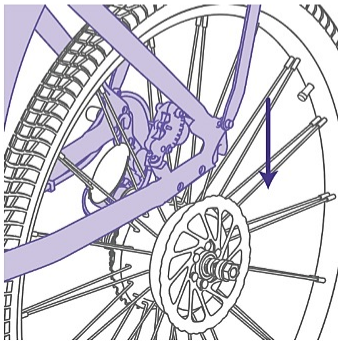
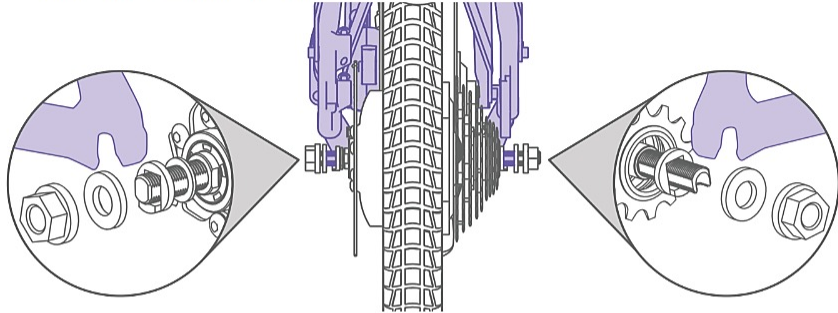
# Step 22

Plug in the rear light connector.



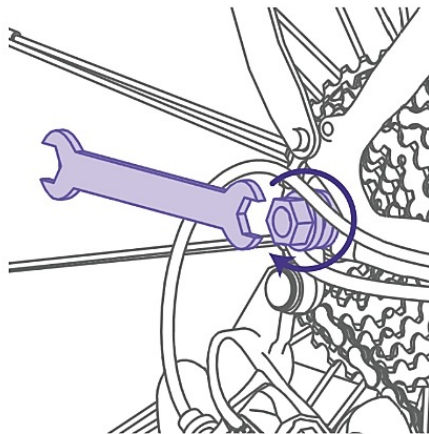
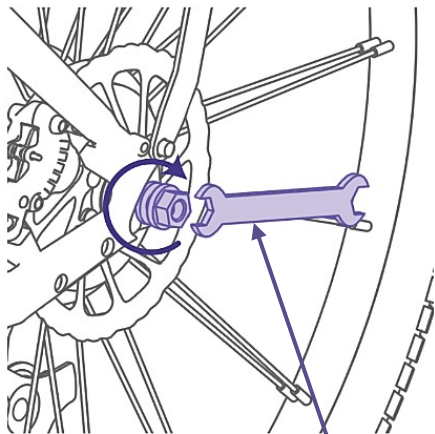
# Step 23

Re-attach the rear wheel. If the nut was removed, carefully assemble it back in the order shown.



# Step 24

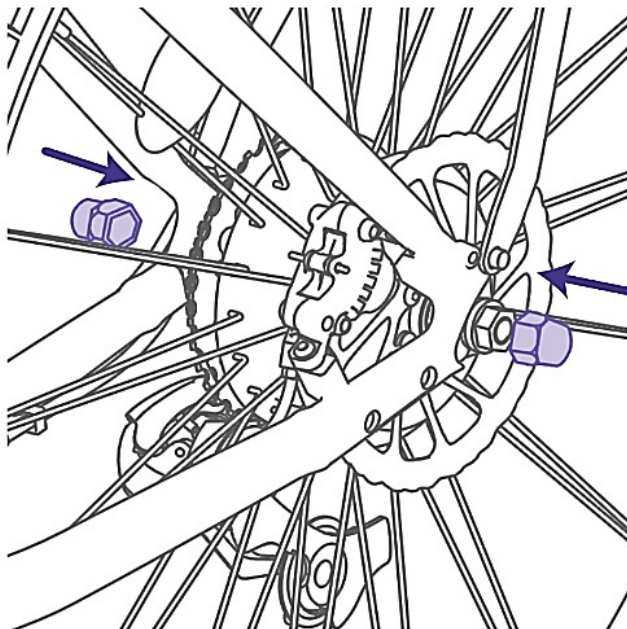
Tighten the nuts on both sides of the wheel.



18mm Wrench

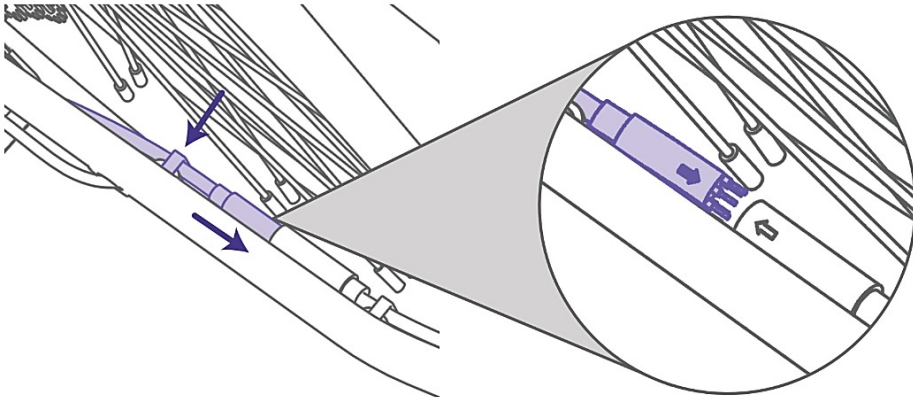
# Step 25

Install back rubber cups on both sides of the rear wheel.



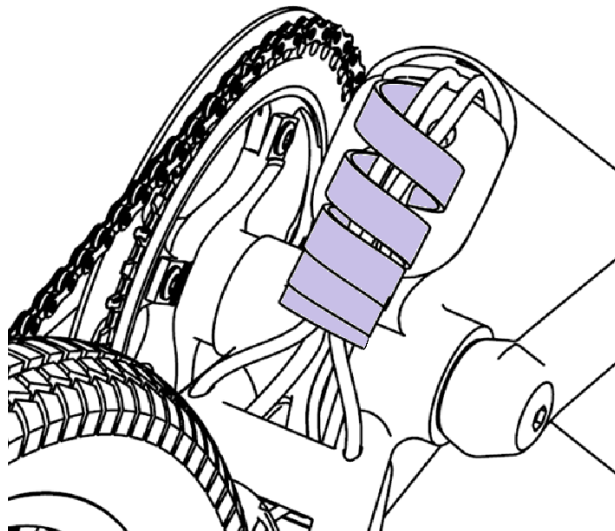
# Step 26

Carefully re-connect the cable. Use the arrow markings on the cables to align the connectors. Re-attach the cable tie and use it to clip the cables.



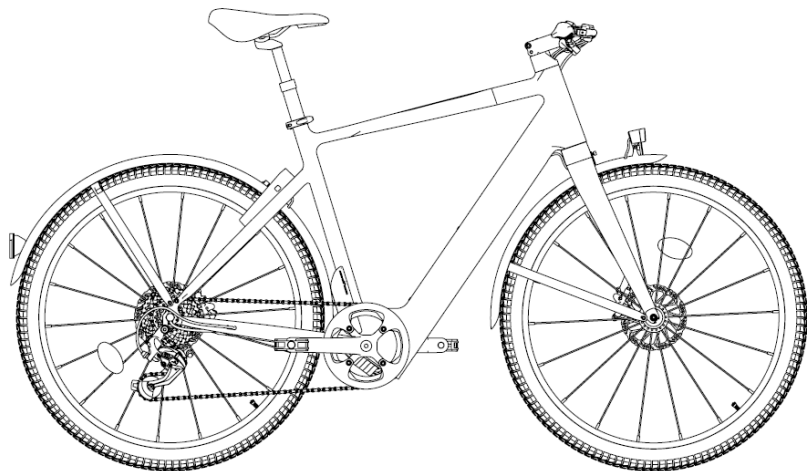
# Step 27

Place back the spiral cable wrap at the bottom part of the frame.



# Step 28

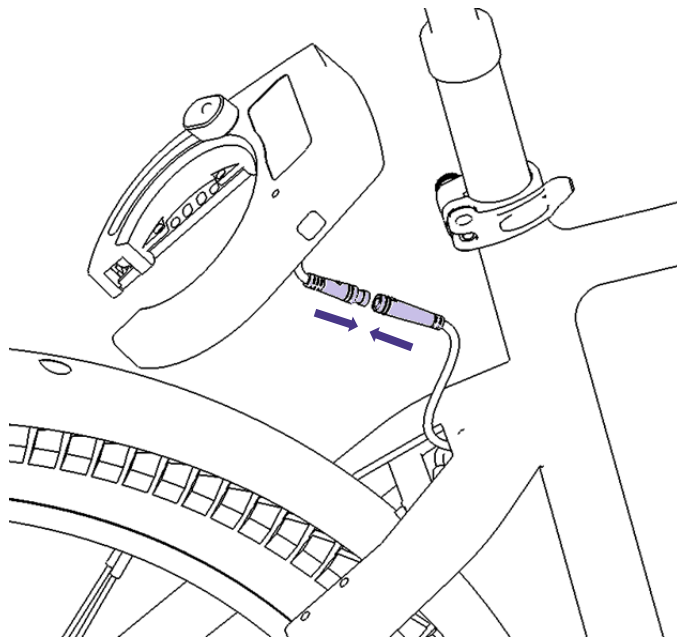
Flip back the bicycle to the normal upright position.





# Step 29

Plug in the lock connector.



# Step 30

Install back the four lock screws using 4mm Allen key.

