

Reset Blacktip Software

3 months ago · Updated

Introduction

Following these instructions will reset your Blacktip to factory defaults and hopefully solve any issues you might be having.

These instructions are only for a New Blacktip with Bluetooth. Serial Numbers greater than 7000

Key Terms:

Vesc: The electronic device inside your scooter that controls it and powers the motor. Its an open-source device and not specific to underwater scooters. You can find lots of information about it on the internet.

Firmware: The main software that runs on the Vesc electronics. The App always has the latest version ready to install.

Package: The Dive Xtras software that runs on top of the firmware and adds the Scooter functionality. Dive Xtras will supply this to you as a file.

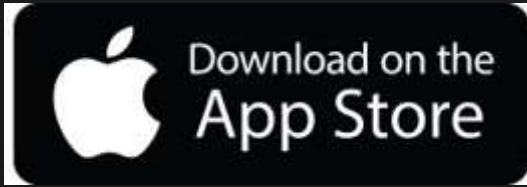
Get The App

All Software changes are done via Bluetooth and the VESC app on your phone or tablet.

Please download & purchase the VESC Tool App in the appropriate App store on your phone or tablet.



The Buttons below link to the appropriate app.



Download the Package

You will need to download the package file to a location you can access later.

The current File is V1.35 Dive Xtras.vescpkg

On an iPhone you would download it to "Files"

[**DOWNLOAD**](#)

Update Firmware

Follow All The Steps:

Step 1

Connect Power to Your BlackTip Tail



Step 1

Open the downloaded VESC Tool App and Wait until a bluetooth device (your scooter) appears to connect too.



HIDE

Devices Found

SCAN...



VESC BLE UART
[0f-4d-b9-4d-b2]

Preferred

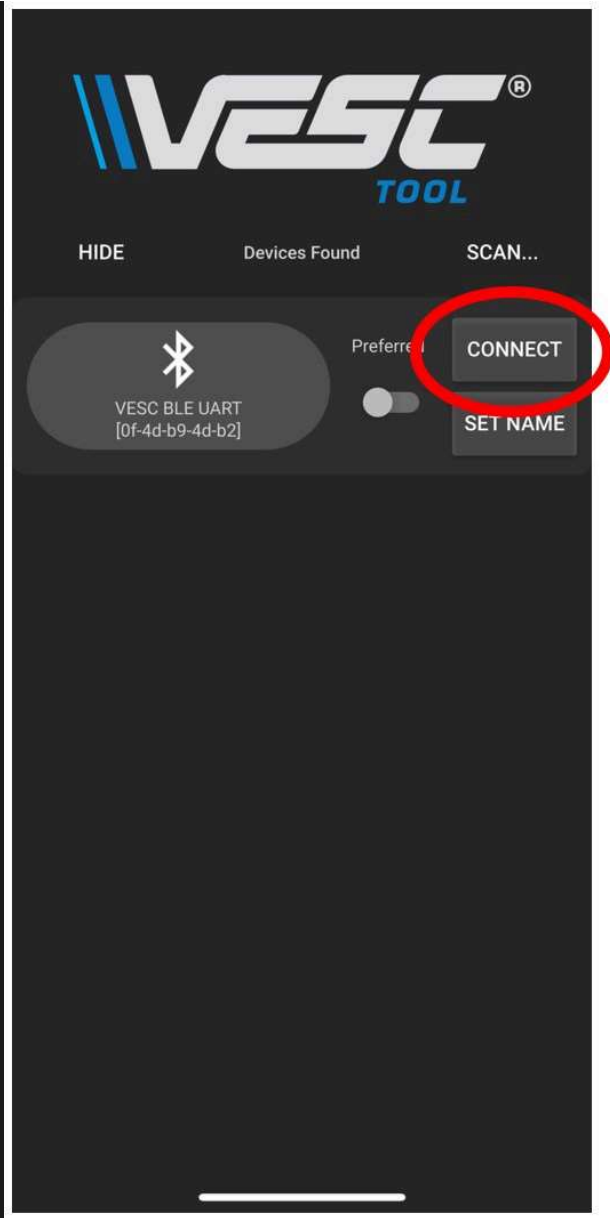


CONNECT

SET NAME

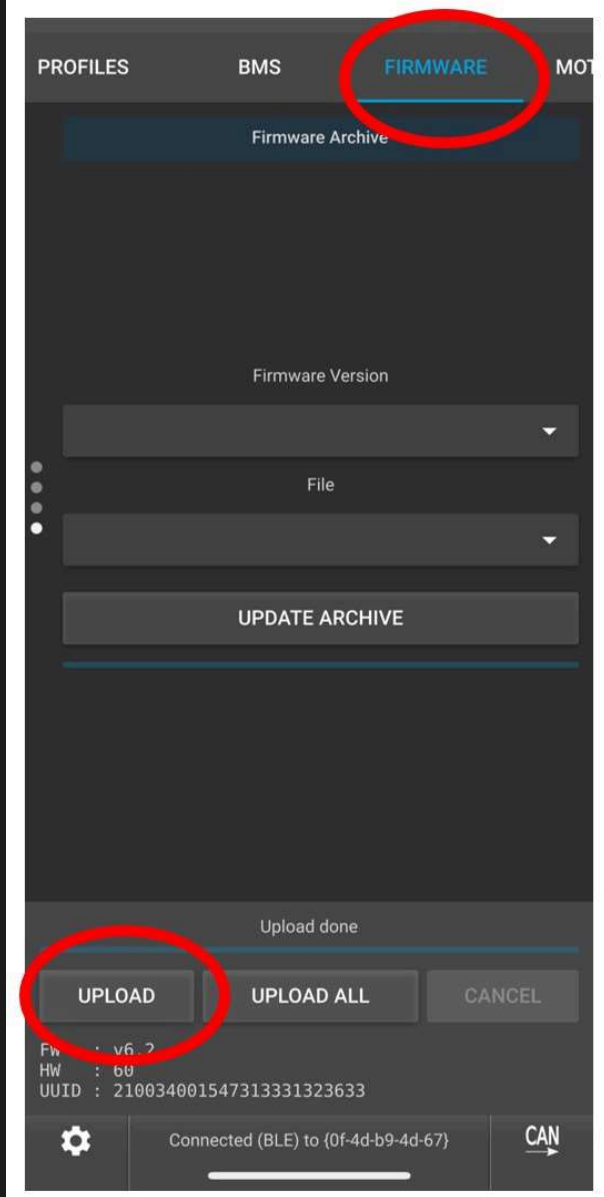
Step 3

Click The Connect Button.



Step 4

Scroll To Firmware Tab. Click "Upload" and wait till it has finished. The app will lose connection for a bit when the electronics restarts after the upload.



Load The Package

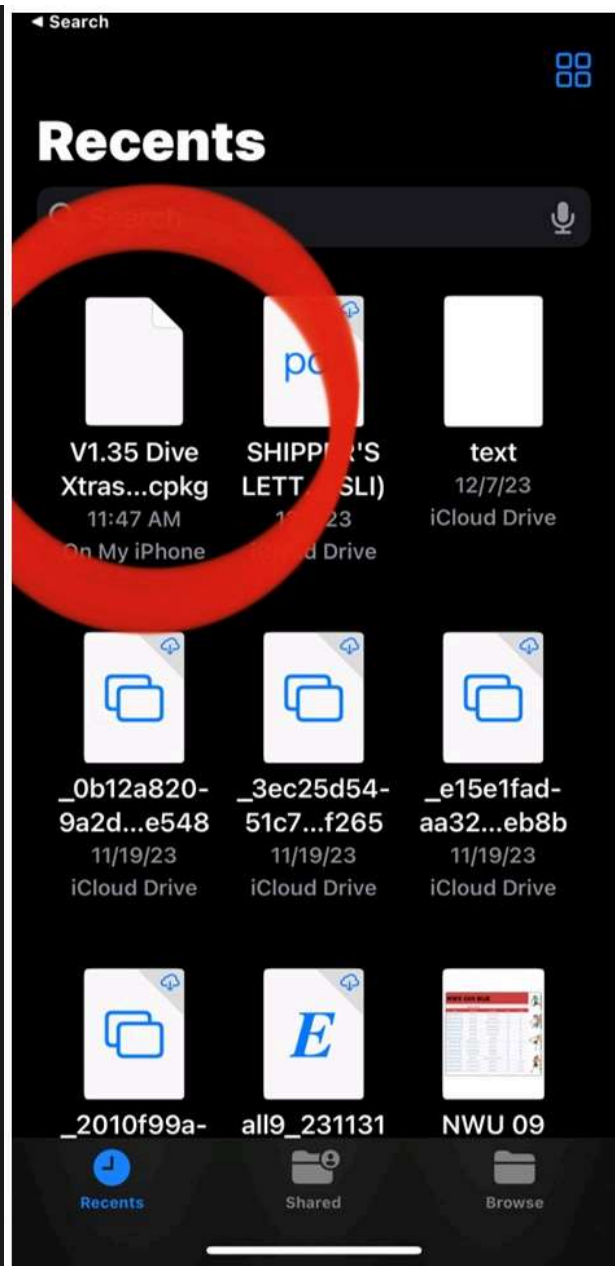
Step 5

Scroll to Packages Tab and Click "Install from file..."



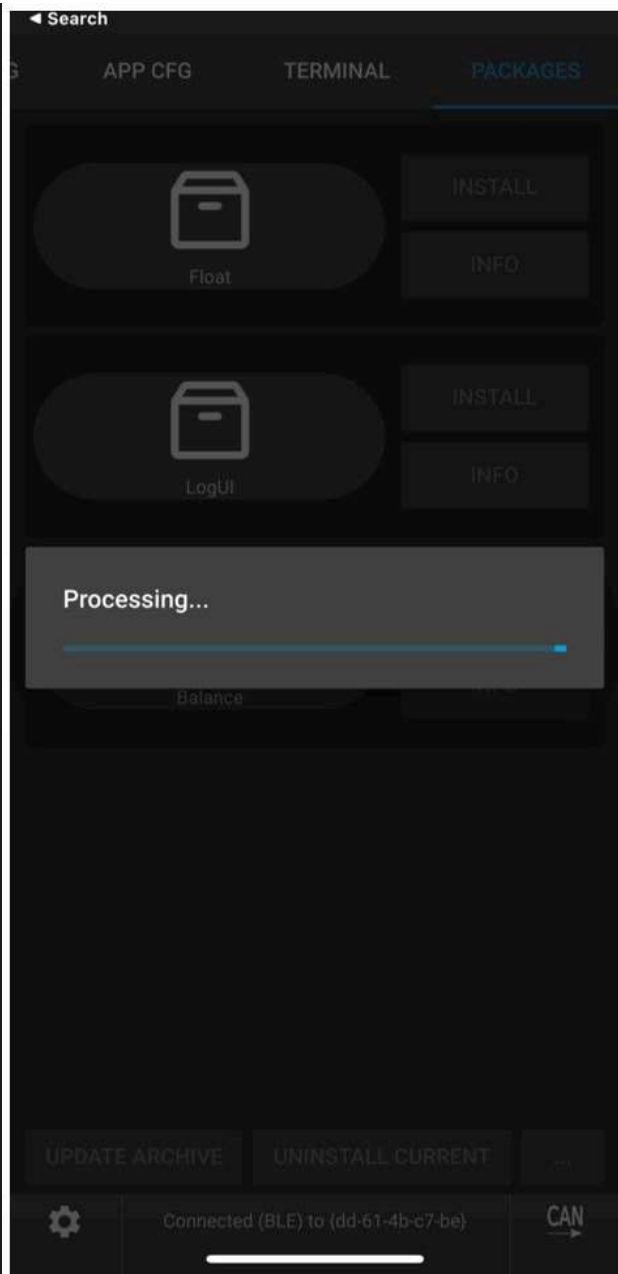
Step 6

Find the saved package file from earlier on your device and select it.



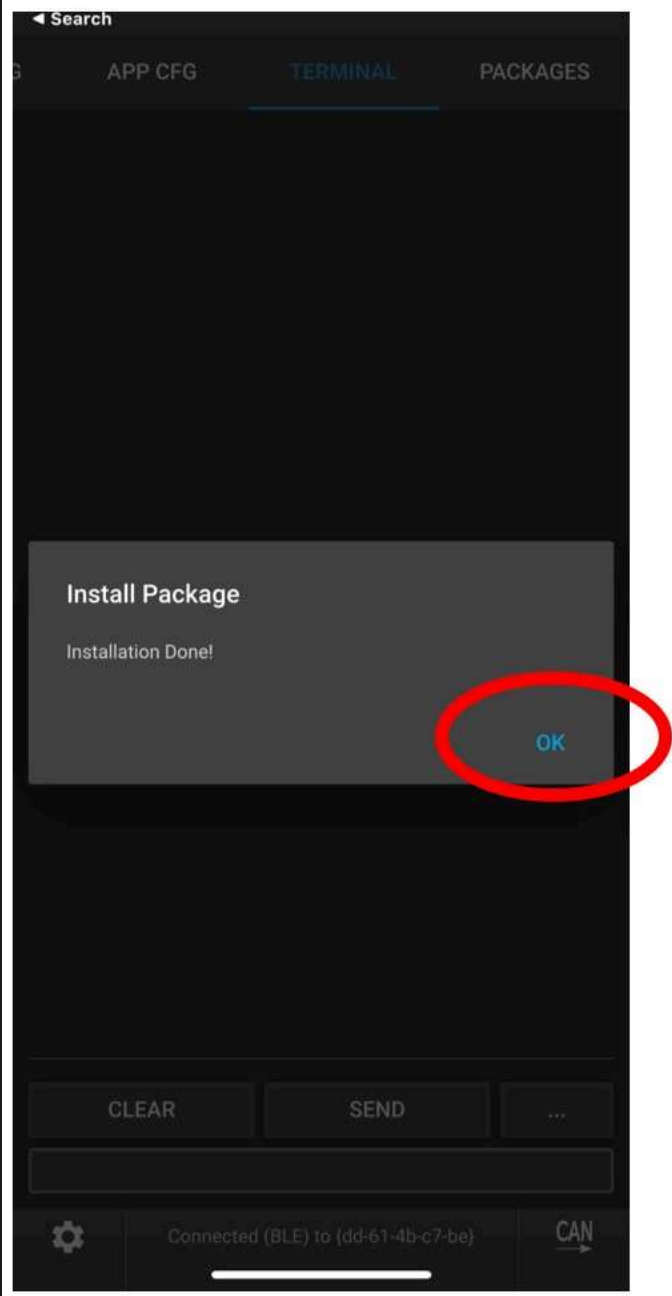
Step 7

Install package and wait until completion



Step 8

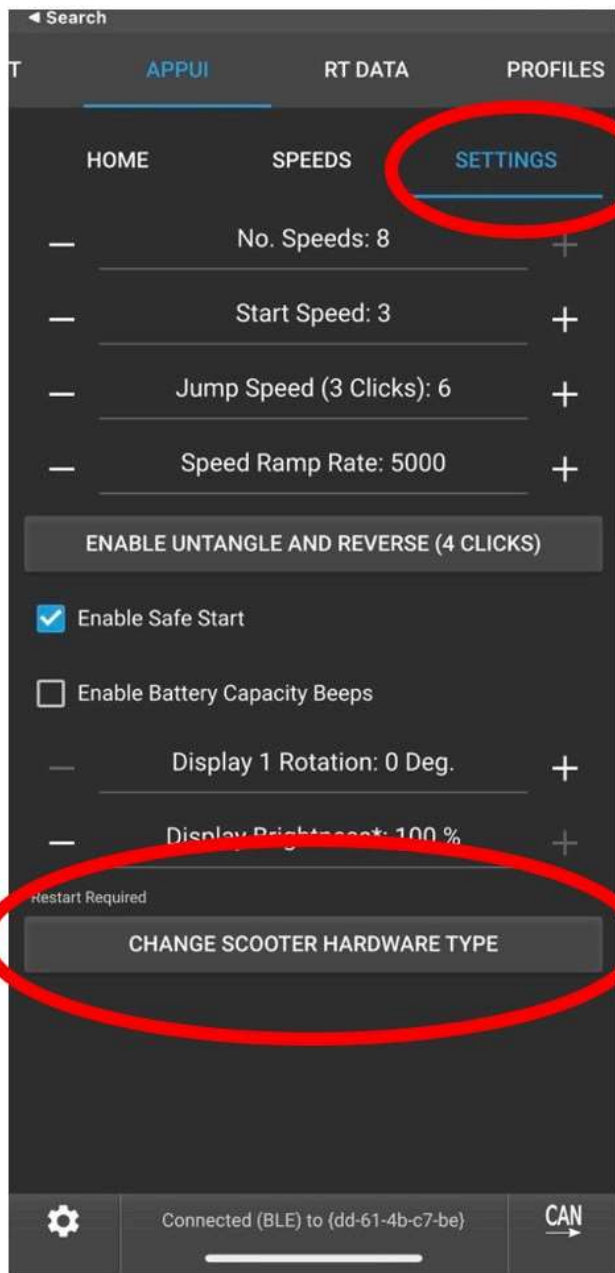
Wait until fully loaded and Click "OK"



Reset Defaults

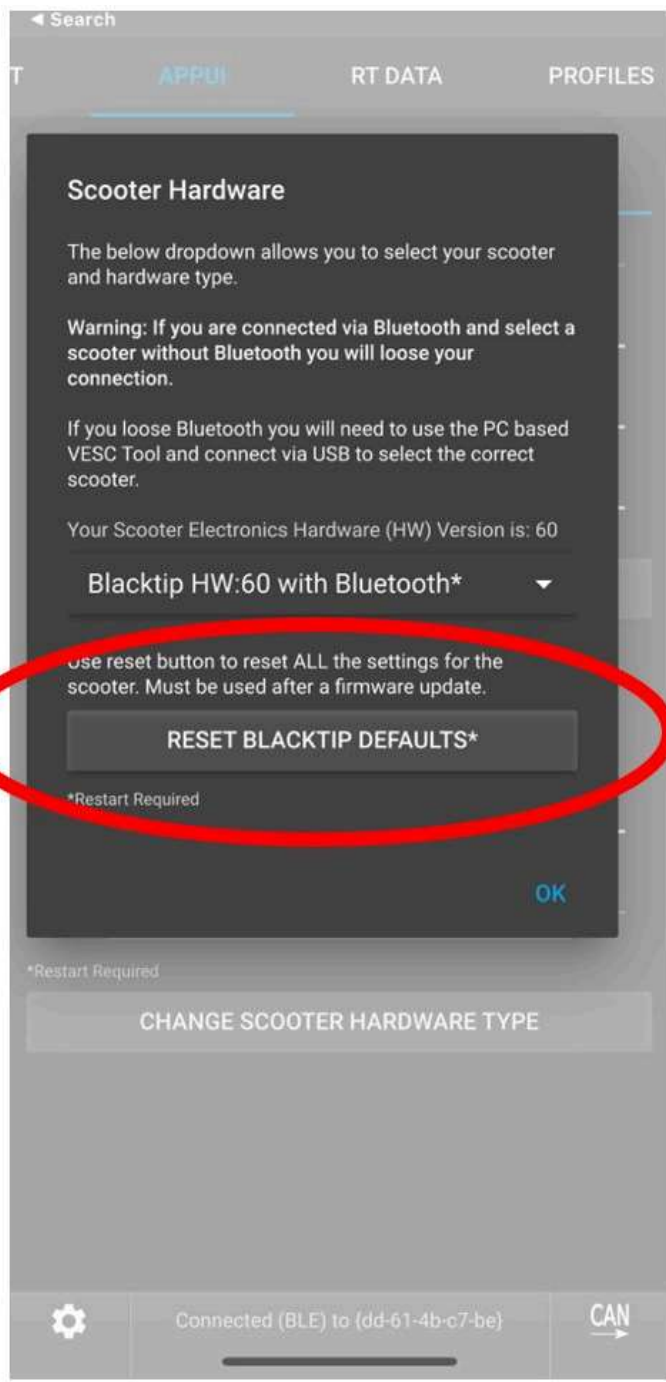
Step 9

Scroll To APPUI Tab, then Scroll to Settings Tab, then Click "CHANGE SCOOTER HARDWARE TYPE"



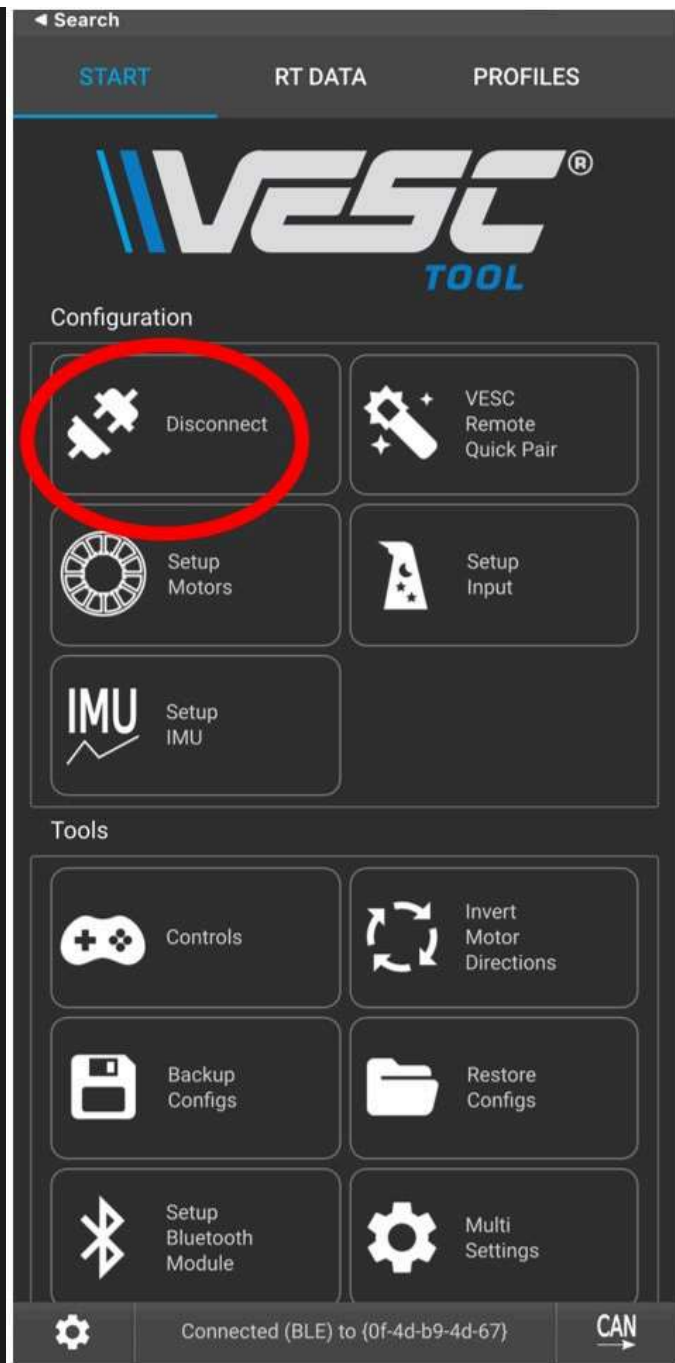
Step 10

Click "RESET BLACKTIP DEFAULTS" then Wait 5 Seconds To Complete



Step 11

Scroll To START tab and then Click " Disconnect



Step 12

Disconnect Power



Test

Step 13

Reconnect Power to Your BlackTip Tail



Step 14

Open the VESC Tool App and wait until a bluetooth device (your scooter) appears to connect too.



HIDE

Devices Found

SCAN...



VESC BLE UART
[0f-4d-b9-4d-b2]

Preferred

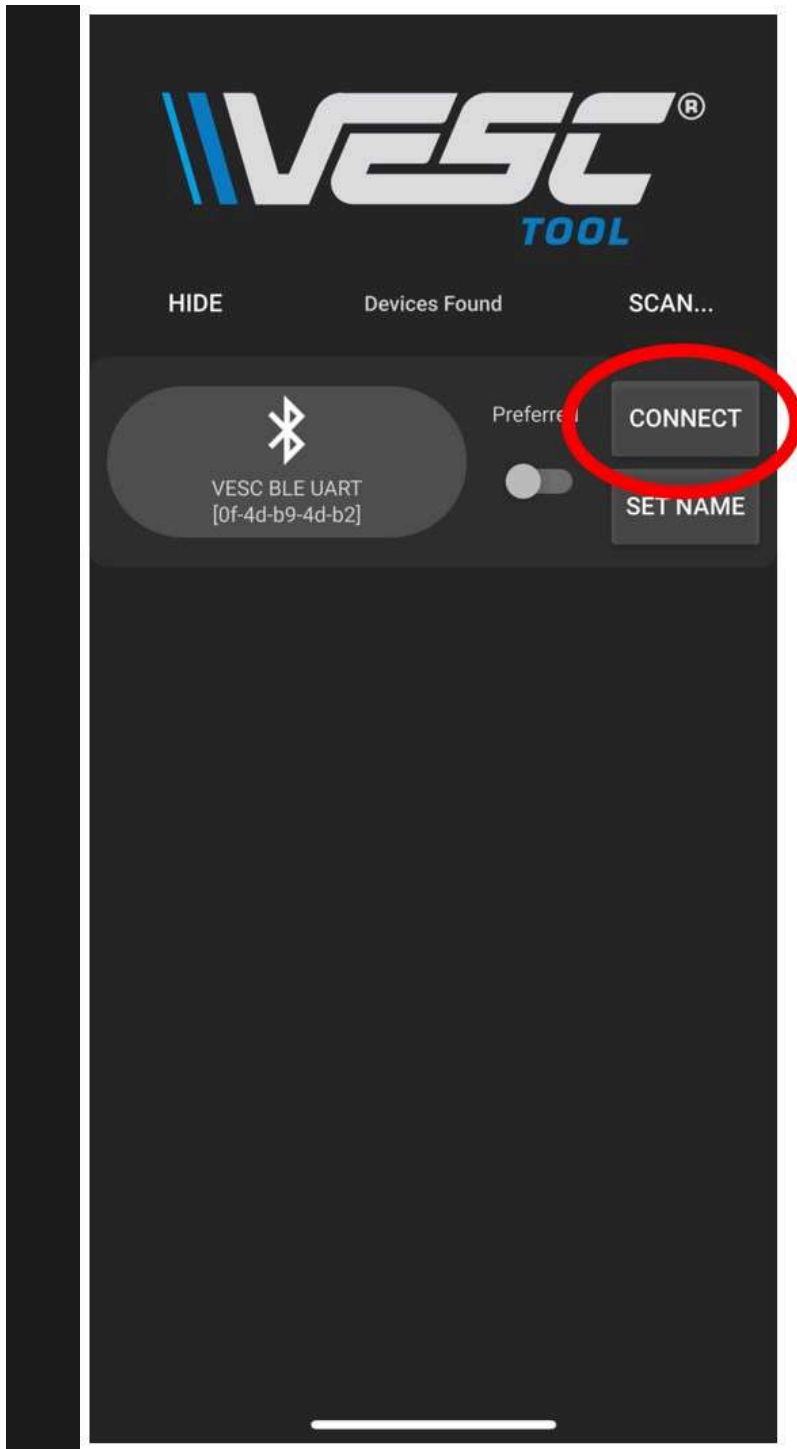


CONNECT

SET NAME

Step 15

Click The Connect Button.



Step 16

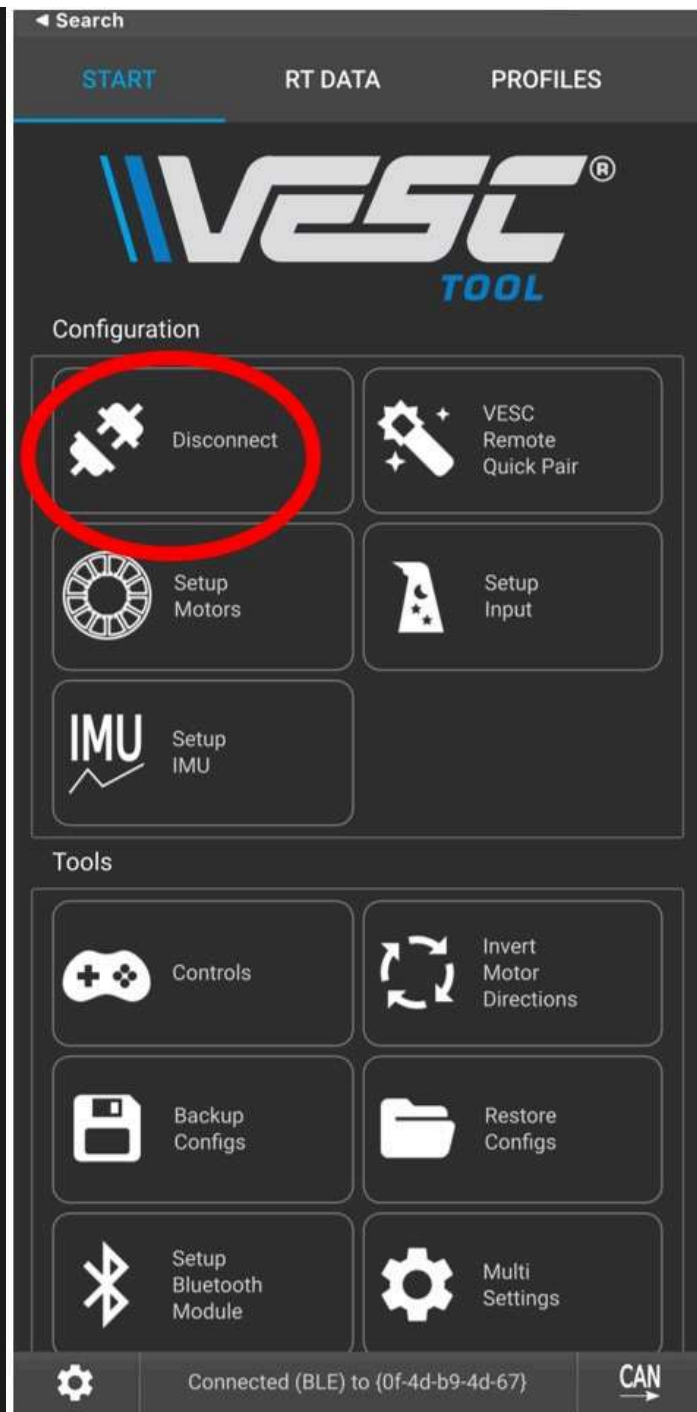
Scroll to APPUI Tab and test gears 1-8 by running them each for 1-2 seconds.



Disconnect & Finished

Step 17

Scroll To START tab and Click "Disconnect"




Step 18

Disconnect Power




Finished !!!

If you have any additional questions, please
send a follow up email to
Support@Dive-Xtras.com

 [V1.35 Dive Xtras.vescpkg](#)

10 KB · [Download](#)

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Dive Xtras