



SERVICE DOCUMENT: G2 BATTERY REMOVAL AND REPLACEMENT

VERSION 1.2



Removal and Replacement of the Gocycle G2 Lithium Battery



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OVERVIEW

This service document details the removal and replacement of the G2 lithium battery. If you have any questions, or require any further assistance, please contact techsupport@gocycle.com.

PARTS LIST

To successfully complete the procedure you will require the following parts. *Note: You may be able to reuse parts on your Gocycle and as such only need to order parts specific to your repair.*

| Part Code | Part Description | Quantity |
|-----------|-------------------------|----------|
| 2285 | G2 Battery Splash Cover | 1 |
| 2394 | Battery Screw | 1 |

TOOL LIST

To successfully complete this procedure you will require the following tools. *Special KKL tools can be purchased by their tool number detailed below.*

| Part Code | Tool Description |
|-----------|------------------|
| 1244 | 3mm Allen Key |



BEST PRACTICE GUIDELINES

Before conducting any service or maintenance on the Gocycle ensure the following points are adhered to:

1. The battery must be in 'Sleep Mode' (switched off).
2. Ensure the Gocycle is appropriately secured to prevent injury and damage.
3. If the Gocycle has been ridden continuously for more than 5 minutes, allow a minimum of 30 minutes before performing any maintenance or service activity on the electrical system. Examples include removing, installing connecting or disconnecting the battery.
4. If maintenance is being performed within 30 minutes of usage, components such as the battery, motor and gearbox may be hot. Treat these components with care and allow time to cool to a safe handling temperature before conducting any maintenance.
5. Read and understand the following service document fully.
6. Only use the tools specified to complete assembly instructions and ensure torque requirements are met and checked.
7. Follow all instruction steps accurately and in the correct order, taking note of any cautions and/or warnings.
8. If in doubt, or you require further explanation on a procedure, please contact your authorised Gocycle Service Centre for assistance or our Gocycle Technical Support Executives.



ELECTRICAL SYSTEM BEST PRACTICE GUIDELINES

1. It is not recommended to disconnect, connect, remove or install the battery in environments above 40°C.
2. If you discover damage to any of the electrical system components other than light cosmetic, such as exposed or corroded electrical connections or damaged wiring contact your authorised Gocycle Service centre immediately and do not attempt to operate the Gocycle.

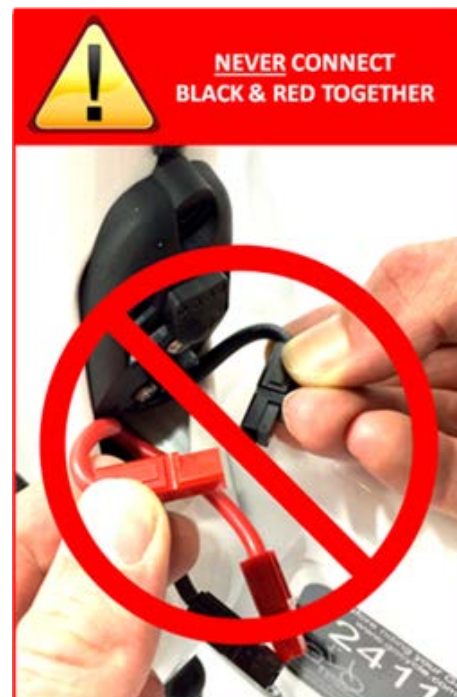
3. Do not short circuit the battery terminals.

4. Power terminals must only be connected or disconnected when the battery is in 'Sleep Mode' (switched off).
5. Use extreme care when handling the battery to prevent any physical damage. Immediately contact your authorised Gocycle Service centre if there is physical damage.
6. Do not puncture or subject the battery to strong impacts.
7. Do not attempt to disassemble or modify the battery.
8. Do not expose the battery to excess water or moisture.



9. Ensure battery terminals are connected securely and correctly; positive to positive (red-to-red), negative to negative (black-to-black) before switching on your Gocycle.

10. The battery has been designed specifically for use with the generation-two (G2) Gocycle. Do not use the battery with any other product.
11. The battery is intended to remain within the Gocycle frame at all times and should be removed only by a Gocycle-approved service centre or with the assistance and approval of a Gocycle Technical Support Executive.
12. Do not expose the battery to fire.
13. Only use the specified Gocycle G2 charger.
14. Do not leave the battery unattended whilst charging.
15. Only use, charge or store the battery in an environment with ambient temperatures between 0°C and 40°C (32°F and 104°F) and a humidity of 45% to 85% RH.
16. If you wish to remove the Gocycle Light Kit, the light harness on Gocycles FN <240000 must also be removed.





1. BATTERY REMOVAL



1.1. For ease, invert the Gocycle so that it rests on its handlebars and saddle.

Note: Ensure the battery pack is in sleep mode. Consult your Owner's Manual for information.



1.2. Use a 3mm Allen key to undo the battery securing screw, as shown.



1.3. Now remove the screw and battery splash cap.



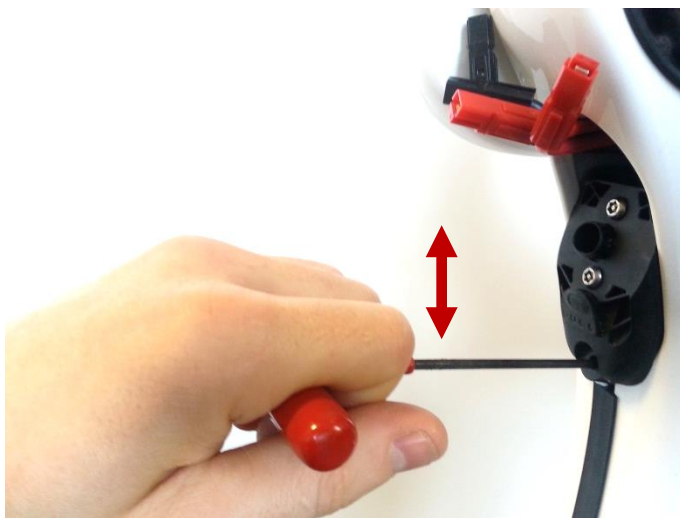
1.4. Locate the black and red Anderson connectors (shown) from within the frame.



1.5. Disconnect each one at a time.



1.6. Ensure all cables are out of the frame and are free to move.



1.7. Insert an Allen Key in to the battery bolt hole and apply upwards and downwards pressure. This will release the battery.



1.8. Now carefully pull the battery out of the frame by holding the sides of the battery.



1.9. Completely remove the battery from the frame.

WARNING! CONSULT YOUR GOCYCLE OWNER'S MANUAL REGARDING THE CARE AND MAINTENANCE OF GOCYCLE LITHIUM BATTERIES.



2. BATTERY REPLACEMENT



2.1. Carefully insert the G2 battery into the frame. Ensure that the black and red power cables are not caught in any way.



2.2. Connect the two **RED** Anderson connectors.



2.3. Ensure the connectors are fully closed as shown.



2.4. Connect the two **BLACK** Anderson connectors together.



2.5. Ensure the connectors are fully closed as shown.



2.6. Carefully and neatly push the two Anderson connectors back into the Gocycle frame.



2.7. Reattach the battery splash cover and insert the battery securing screw.

Caution! Ensure that no power cables are trapped between the splash cover and frame. Trapped wires may cause damage which may result in damage to your battery.



2.8. Use the 3mm Allen key to tighten the securing screw.

IMPORTANT NOTE: YOU MUST CARRY OUT THE ABOVE REMOVAL AND REPLACEMENT STEPS IN ORDER. FAILING TO DO SO MAY RESULT IN DAMAGE TO THE GOCYCLE.

If you have any further queries or comments, please contact Gocycle Technical Support:

techsupport@gocycle.com