GOCYCLE G2 INTEGRATED LIGHT KIT ASSEMBLY GUIDE

Version 1.0

Assembly of the Gocycle G2 Integrated Light Kit
# CONTENTS

Overview .............................................................................................................. 1  
Parts List ............................................................................................................. 1  
Tool List ............................................................................................................. 1  
1. Battery Removal ......................................................................................... 3  
2. Installing Lighting Harness .......................................................................... 6  
3. Installing the Front Light ............................................................................. 9  
4. Installing the Rear Light ............................................................................ 14
OVERVIEW

This document details assembly of the Gocycle G2 Integrated Light Kit. 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:

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Part Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>4032</td>
<td>Reflector Kit</td>
<td>1</td>
</tr>
<tr>
<td>4033</td>
<td>Front Light</td>
<td>1</td>
</tr>
<tr>
<td>4034</td>
<td>Rear Light</td>
<td>1</td>
</tr>
<tr>
<td>4035</td>
<td>Rear Light Bracket</td>
<td>1</td>
</tr>
<tr>
<td>4036</td>
<td>Front Light Bracket</td>
<td>1</td>
</tr>
<tr>
<td>4037</td>
<td>Frame Plug – Modified</td>
<td>1</td>
</tr>
<tr>
<td>4038</td>
<td>Lighting Harness</td>
<td>1</td>
</tr>
<tr>
<td>2452</td>
<td>M5 x 10mm SH 4A S/S</td>
<td>2</td>
</tr>
<tr>
<td>4040</td>
<td>M6 x 20 BH SH A4</td>
<td>1</td>
</tr>
<tr>
<td>4041</td>
<td>M6 WS S/S 0.8 x 12mm</td>
<td>2</td>
</tr>
<tr>
<td>4042</td>
<td>M5 NY S/S thin</td>
<td>1</td>
</tr>
<tr>
<td>2383</td>
<td>M6 NY A4 S/S thin</td>
<td>1</td>
</tr>
<tr>
<td>4032</td>
<td>Reflector Kit</td>
<td>1</td>
</tr>
</tbody>
</table>

TOOL LIST

To successfully complete this procedure, you will require the following tools. You can purchase special KKL tools by their tool number detailed below.

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Tool Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1243</td>
<td>2.5mm Allen key</td>
</tr>
<tr>
<td>1244</td>
<td>3mm Allen key</td>
</tr>
<tr>
<td>1245</td>
<td>4mm Allen key</td>
</tr>
<tr>
<td>1246</td>
<td>5mm Allen key</td>
</tr>
<tr>
<td></td>
<td>10mm spanner</td>
</tr>
<tr>
<td></td>
<td>8mm spanner</td>
</tr>
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</table>
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. Now carefully pull the battery out of the frame.

1.8. Completely remove the battery from the frame.

WARNING! CONSULT YOUR GOCYCLE OWNER’S MANUAL REGARDING THE CARE AND MAINTENANCE OF GOCYCLE LITHIUM BATTERIES.
2. INSTALLING LIGHTING HARNESS

2.1. Place your Gocycle G2 into the folded position, as demonstrated.

2.2. Make a loop in the provided red cable and feed through the underside frame hole.

2.3. Insert a long poly rod with a fixed hook at the end into the frame. Ensure this travels underneath the battery rub strip as demonstrated.
2.4. Use a torch to illuminate the internal battery gap and hook the red cable. Pull this through the frame as shown.

Ensure the red cable travels under battery rub strip as demonstrated.

2.5. Pull the red cable through the frame, leaving a tail at both ends of the Gocycle as shown.

2.6. Locate the lighting harness. One end will have four connectors as demonstrated. Tie the end of the red cable that exits the rear of the Gocycle around these connectors.
2.7. Unfold the Cleandrive as shown. This will ensure the internal cables are taut aiding the cable routing process.

2.8. Carefully pull the red cable, which will in turn pulls the one end of the lighting harness through the Gocycle frame.

2.9. Pull the red cable until the end of the lighting harness is completely through the Gocycle frame and exposed at the front as demonstrated.
3. **INSTALLING THE FRONT LIGHT**

3.1. Now invert the Gocycle so that it rests on its handlebar and saddle.

3.2. Locate the rubber fork boot. The panel, indicated, must be removed to allow installation of the front fender mount.

3.3. Use a pair of sharp scissors to carefully cut the panel out of the boot.
3.4. Completely remove the panel from the boot, as shown.

3.5. Push the fork boot down and around the front fork race.

3.6. Install the front light bracket and the two M5x10mm bolts. Do not fully tighten as the bracket does need to rotate slightly.
3.7. Pull the lighting harness so it protrudes from the frame as shown and locate under the ledge of the light bracket.

3.8. Take the four ends of the lighting kit harness. Arrange as demonstrated - note the connectors with longer heat shrink.

3.9. Locate the front light and plug the cables as shown. Note the wires with a white stripe are positive. The two connectors with long heat shrink must be plugged into the right hand side of the light (in).
3.10. Align the front light into the bracket as demonstrated.

3.11. While holding the light in place install the M6x20 button head with M6 washer through the securing hole.

3.12. Now install the second M6 washer and then the M6 Nylock onto the button head bolt.
3.13. Use a 10mm spanner and a 4mm Allen key to tighten the nut and bolt. This will secure the front light and prevent it from rotating.

3.14. Tighten the two bolts to fully secure the front light bracket.

Note: A mudguard can be attached to the light bracket and may need to be adjusted in order to align the mudguard correctly.

3.15. Pull the boot over the two securing bolts as shown.
4. INSTALLING THE REAR LIGHT

4.1. Locate the rear light and the rear light bracket. Align as demonstrated.

4.2. Install the M5 Nylock and tighten fully using an 8mm spanner.

4.3. Locate the end of the lighting harness with two connectors.
4.4. Ensure that the cable with two connectors exits the rear of the Gocycle frame threaded over the internal lug as demonstrated.

4.5. Remove the frame trim of the Gocycle.
4.5. Now thread the two connectors through as demonstrated.

4.6. Reinstall the frame trim with the two connectors protruding as demonstrated.

4.7. Hold all the internal cabling that protrudes from the frame as demonstrated, and carefully insert the battery ensuring that it does not catch the cable that is routed through the frame trim.
4.8. The lighting harness has two sets of piggyback Anderson connectors. Red denotes positive and black negative. The battery Anderson and the internal Gocycle power cables must also be piggybacked as demonstrated. Ensure red is connected to red and black to black.

4.9. Now connect the lighting harness Anderson connectors to the internal Gocycle Anderson connectors as demonstrated.

4.10. Reinstall the battery splash cap and securing screw.
4.11. Use the 3mm Allen key to fully tighten the securing bolt.

4.12. Now locate the assembled rear light and the two connectors. The cable with a white stripe is positive and needs to be plugged into the rear light as shown.

Note: The positive terminal will be denoted by a ‘plus’ sign or a ‘lightning bolt’.

4.13. The plain black cable is negative and has to be plugged in to the opposite terminal of the rear light.

Note: The negative terminal will be denoted by a ‘minus’ sign or an ‘earth’ sign.

4.15. Now attach the rear light to the space next to the Lockshock pivot joint. This will clip on securely by pressing firmly as demonstrated.
4.16. Invert the Gocycle to the correct orientation and ensure your saddle height is correctly adjusted. Locate the rear reflector bracket as shown.

4.17. Attach the bracket using a 2.5mm Allen key. (There is an Allen key supplied with the kit.)

4.18. Attach the Z reflector as demonstrated. Note the correct orientation.
4.19. Use the 2.5mm Allen key to tighten the reflector securing clamp.

IMPORTANT NOTE: THE ABOVE ASSEMBLY STEPS MUST BE CARRIED OUT 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