

GIVI LED Directional Installation Instructions
By *ESI*Cycle Products, a Division of NMN, Inc.

Please read all instructions and gather the necessary tools before beginning this installation.

- 1.) Remove the screws that hold the lens covers and outer case half-covers in place, noting their locations for reinstallation later. Remove paper liner from lens. (See Pictures # 1— 4)
- 2.) Locate center rib support behind lens area. Scribe both sides of support with a razor knife along area shown in photos. After scribing both sides, use pliers to snap off support. Trim any excess plastic until surface is flat and smooth. (See Pictures 5 & 6)
- 3.) Trial fit the LED board into this area. Note and mark the location where the wire from the LED board comes into contact with the bottom support rib. Mark this location and, using an 11/64" drill bit, drill a hole in the lower support rib for the wire to pass through. (See Pictures 7 & 8)
- 4.) Treat the area where light will sit with 3M promoter pad from installation kit, allow to dry 1 minute. Put promoter sponge back into packet and fold over — save it for use on other bag when ready. (See Picture 9)
- 5.) Pass wires from the light through the hole in lower support. Remove backing from 3M tape on board and firmly press board into area treated with the promoter as shown in photo # 10. (See Picture 10)
- 6.) Locate the screw hole in outer cover above rear hinge. Measure ½ inch rearward from this hole and mark as shown in photo # 11. Drill 11/64" hole through outer bag cover, being careful not to damage the inner bag area when drill goes through. (See Pictures 11 & 12)
- 7.) Pass wire from light through this hole, being sure it lays flat and neatly along outer cover shell. Use sealer from installation kit and seal wire to outer case. Note: a small cheap paint brush works well to apply sealer cleanly around wire. (See Picture 13)
- 8.) After wire has been sealed, reinstall outer shell covers and lens in the reverse order from which you removed them. (See Picture 14)
- 9.) Fully open bag hinge. Pull wire straight across to inside bag lip. Mark the spot on the inner bag lip where the wire comes across. Mark the inner bag lip at regular intervals, every other channel pocket, along the rearward edge, as shown in photo 16. (See Pictures 15 & 16)
- 10.) Using 1/8" drill bit, drill a hole ¼ inch from the edge of the inner bag at each of the openings you marked along the rearward edge. Be careful to not drill through bag's outer shell. At this point the final "open" channel pocket at the top of the bag should not have a hole along its edge. In this final opening at the top of bag, mark in 1 inch in from the edge and drill ¼ inch hole at this point, being careful to not drill through bag's outer shell. (See Pictures 17—19)
- 11.) Using the zip ties from installation kit, zip tie the wire along the inner shell through holes drilled in step 10. Pass wire into the last opening in the inner shell and out through ¼ inch hole drilled in the last opening so the wire is now held in place along the channel between the inner and outer bag shells. Trim zip tie ends. (See Pictures 20 & 21)
- 12.) On the outside of the inner shell, make a mark 1 inch from seam by rear bag mount as shown in photo # 22. After marking 1 inch back from seam, now measure 1 inch above that point and mark as shown in photo # 23. Using 11/64" drill bit, drill hole at upper mark as shown in photo # 24. (See Pictures 22—24)
- 13.) Pass wire through black wire holder from installation kit as shown in photo # 25. Remove backing from tape on wire holder and press into place half-way between the two holes as show in photo # 26. Then pass wire through hole on outer case and seal with sealer. (See Pictures 25—27)

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- 14.) Although you can cut the wire to any length, we recommend cutting the wire 7 inches from case body. (See Picture 28)
- 15.) After cutting to length, trim outer covering from wires approximately 1 inch, and then strip inner two wires as shown in photo 29. (See Picture 29)
- 16.) Using 1/8 inch shrink tube from installation kit, slide over wire until it is lined up with the end of the outer sleeve, as shown in photo 30, and shrink into place (with a hair dryer or heat gun). (See Pictures 30—32)
- 17.) Slide 1/2 inch shrink tube over wire and out of the way until later. (See Picture 33)
- 18.) Using Posi-Locks on end of connector assembly from installation kit, attach connector to wires as follows: Hook RED wire from connector to RED wire from light. Hook BLACK wire from connector to BLACK wire from light. Note: wire color in photo is different, and is only shown as a reference. (See Picture 34)
If you have any questions on how Posi-Locks work please see <http://www.posi-lock.com>
- 19.) Next slide 1/2 inch shrink tube over the Posi-Locks, and onto connector up to the shoulder on connector body as shown in picture 35, then heat into place. (See Pictures 35—37)
- 20.) The harness that hooks to the bike uses Posi-Tap connectors to attach it to the directional circuits of the bike's wiring as follows. RED wire to directional positive wire BLACK wire to directional ground wire.
If you have any questions on how Posi-Taps work please see <http://www.posi-lock.com>
- 21.) Repeat the above process for the second bag.
- 21.) If you have a Can-Am Spyder and are looking to totally remove the stock directional assemblies and only use the Givi Bag Lights as your Turn Signals, you will need the optional "plug and go" Spyder harness (part number SPY-GIVI-HRN) sold separately. (See Picture 38)

Please visit esicycleproducts.com to view color photographs and/or to enlarge the images on your computer screen.

Picture # 1



Picture # 2



Picture # 3



Picture # 4



Picture # 5



Picture # 6



Picture # 7



Picture # 8



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Picture # 9



Picture # 10



Picture # 11



Picture # 12



Picture # 13



Picture # 14



Picture # 15



Picture # 16



Picture # 17



Picture # 18



Picture # 19



Picture # 20



Picture # 21



Picture # 22



Picture # 23



Picture # 24



Picture # 25



Picture # 26



Picture # 27



Picture # 28



GIVI LED Directional Installation Instructions (Continued)
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Please visit esicycleproducts.com to view color photographs and/or to enlarge the images on your computer screen.

Picture # 29



Picture # 30



Picture # 31



Picture # 32



Picture # 33



Picture # 34



Picture # 35



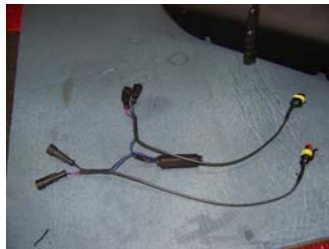
Picture # 36



Picture # 37



Picture # 38



Street Magic GIVI Bag Light Bike Harness Installation Instructions

- 1.) Locate wires going to rear turn signals. Using a test light, determine which wire is positive and which wire is the ground wire.
- 2.) Using supplied Posi-Tap connectors tap red wire from harness into positive wire going to turn signal and black wire from harness to ground wire going to turn signal. If you have questions on how to use Posi-Tap connectors Please see: www.posi-lock.com
- 4) Repeat step #2 for remaining side.
- 5) Plug harness just hooked into bike onto connector coming from the Givi bag. Test operation.

***** Can -Am Spyder Owners *****

Remove under tail cover to gain access to turn signal wires as needed. Next, pass loose wire end of harness through old turn signal opening in rear side panel into this under tail area. Follow directions as outlined above.

Special note for Can-Am Spyder owners using the Street Magic Triple Play unit:

Tap the red wire from this harness into the positive wire coming from the Triple Play to the turn signals. The positive wires from the Triple Play unit will be **gray** going to one side and **purple** to the other side. Use the ground wires from the Spyder harness to tap the black wire into.

Can-Am Spyder owners wishing to totally remove the stock turn signals and run just the **Street Magic Genesis LED Givi Bag Light** as their only turn signals will need to purchase the optional Spyder Eliminator Harness Part # SPY-GIVI-ELM sold separately.