



## Custom Dynamics® Stingerz® Ultimate Under Car Kit Installation Instructions

We thank you for purchasing the Custom Dynamics® Stingerz® Ultimate Under Car Kit! Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

<p><b>Part Number: STAUTO</b></p>	<p><b>Tools Needed:</b></p> <ul style="list-style-type: none"> <li>- Screwdriver (Flat &amp; Philips)</li> <li>- Wire Cutter/Strippers</li> <li>- Wire Crimpers</li> <li>- Heat gun or blow dryer</li> <li>- Open end wrenches</li> <li>- Razor blade cutting tool</li> </ul>
<p><b>Package Contents:</b></p> <ul style="list-style-type: none"> <li>- Stingerz99 LED Strips (4)</li> <li>- Heat Shrink Terminals (2)</li> <li>- 9" Black Tie Wraps (10)</li> <li>- Adhesive Primer (1)</li> <li>- 3M Tape</li> <li>- 22 Gauge Conductor Cable (30')</li> <li>- Adhesive Lined Shrink Tubing (2)</li> <li>- Cage Clamp 3 Position (2)</li> <li>- Isopropyl Alcohol Wipe (4)</li> </ul>	<p><b>Important:</b> Disconnect negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury, or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on bike.</p> <p><b>Note:</b> This kit is designed to be used with one of our Street Magic Remote Controls, if a remote control is not used a rocker switch and fuse can be substituted for the remote.</p> <p><b>Caution:</b> Always wear appropriate safety gear including safety glasses when soldering or performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process.</p>
<p>Fits: Compatible with 12VDC systems with a negative ground.</p>	<p><b>Caution:</b> Be sure vehicle is on level surface and secure and cool.</p>

### Installation:

1. Select hidden locations to mount LED Accent Lights to provide best coverage. On vehicle sides this is typically the frame rails, on the front and rear of vehicle this can be under the bumper/fender or other suitable location.
2. Clean mounting locations on vehicle with alcohol pads, apply adhesive primer and allow to dry.
3. Carefully remove backing from double sided tape and place light on selected mounting location. Press firmly and hold for 10 seconds. Repeat for all lights to be mounted on vehicle.
4. Connect light bar #1 to light bar #2 using 3M shrink tubing, and extension wire. Repeat process to connect Light Bar #3 to Light Bar #4. To use 3M shrink tubing, strip wires, cut and slide small piece of shrink tubing over one end of wire, twist wires together, it is not necessary to solder them, slide shrink tubing over wires, heat with heat gun or hair dryer. This heat shrink tubing has a special glue that will melt and form a waterproof seal.
5. Cut and cap excess wires on far end of Light Bar #2 and #4 using supplied heat shrink tubing. Slide one piece of tubing over black and one over red, heat with heat gun and pinch end closed.
6. Extend wires off end of Light Bar #1 and #3 using 3M heat shrink tubing such that they extend back to battery compartment of vehicle. Route wires such that they not interfere with normal operation of vehicle.
7. Select several locations to secure all wires to vehicle. Secure wires using tie wraps provided.
8. Connect Black wire to one Cage Clamp Connector. Connect Color Wire to other Cage Clamp Connector.
9. Select mounting location for remote control box near battery, secure remote control box with 3M tape and/or tie wraps.
10. Remove fuse from remote control fuse holder.
11. Connect White wire from remote control to Cage Clamp with Color Wire.

**Questions? Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST**

## Installation Instructions - Page 2

12. Connect Green wire (if remote does not have Green wire then use Black wire) to Cage Clamp with Black Wire.
13. Connect Red wire from remote control to + side of battery using spade terminal.
14. Connect Black wire from remote control to – side of battery or ground using spade terminal.
15. Heat spade terminals with heat gun so that insulation shrinks around wire.
16. Secure any remaining wires with tie wraps.
17. Place fuse in fuse holder and replace cover.
18. Turn on switch and check operation of all lights. Allow double-sided tape to bond for 72 hours before exposing to water

This product is designed and intended for use as auxiliary lighting only. It is NOT intended to replace any original equipment lighting installed on the vehicle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

### Cage Clamp® Instructions



Strip wire 9-10 mm. Use the stripped wire gauge on the back of the connector to verify correct strip length.



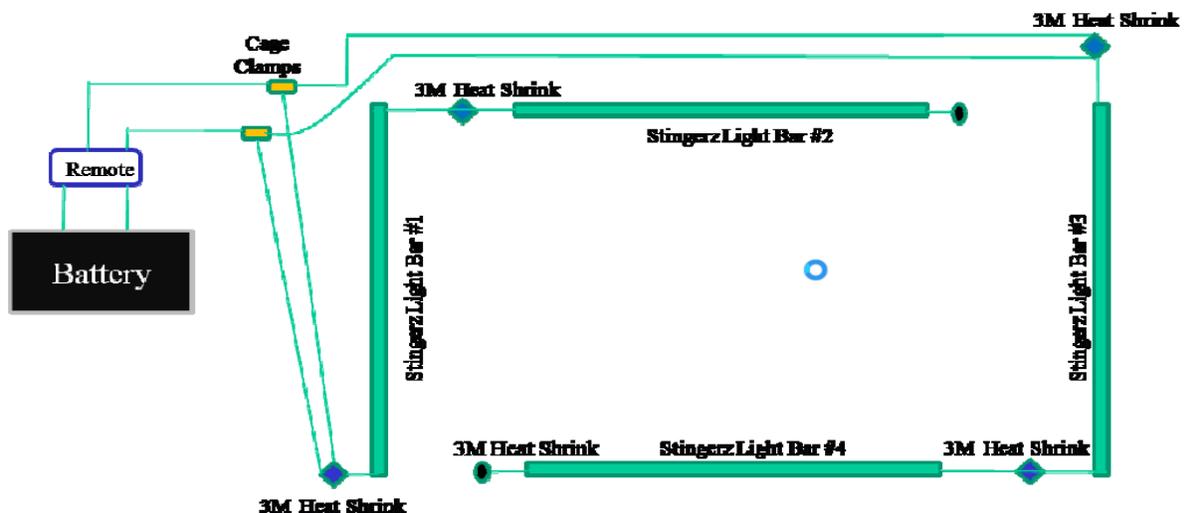
Push up lever and insert conductor



Push down lever to its closed position.



### Block Diagram



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