

# STOP BEFORE YOU BEGIN

USE THIS INSTRUCTION SET TO  
 PROPERLY CONNECT ALL WIRES  
 AND COMPONENTS TO IDENTIFY  
 LED COLORS AND VERIFY CORRECT  
 OPERATION BEFORE INSTALLATION  
 ONTO VEHICLE/BODY IS BEGUN.

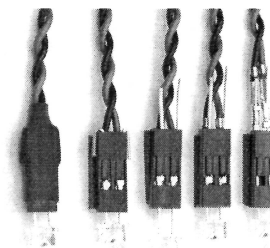
RC-LIGHTS  
 PO BOX 1783  
 BOULDER, CO 80306  
 USA

## THE PLUG and PLAY CONNECTOR

To connect LEDs to the other end of the plug and play connector there are two options. To make it impossible for the LED to fall out of the connector or for installations where the LEDs must withstand constant impacts (off-road bashing) follow instructions for heavy-duty use. For all other standard installations simply trim/bend LED leads and plug the LED into the connector.

POSITIVE-BLUE WIRE-LONG

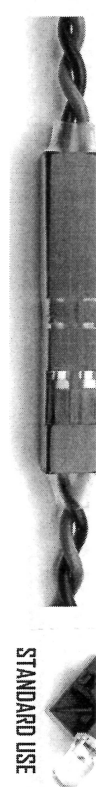
NEGATIVE-BLACK WIRE-SHORT



### LED CONNECTOR INSTALLATION FOR HEAVY-DUTY USE

- (1) Carefully remove connector housing with an XACTO knife.
- (2) Bend each LED lead tip slightly up.
- (3) Slide connector housing over LED leads and slide connector terminals onto LED leads.
- (4) Push terminals into connector housing until each one clicks.
- (5) Continue sliding connector housing down LED leads until each terminal clicks a second time.
- (6) DO THIS STEP ONCE LED-to-HOUSING SPACING IS KNOWN: Trim leads and bend LED leads around connector housing.
- (7) Use heat shrink tubing (not included) where metal can short LED leads.

USE WIRE EXTENSIONS TO EXTEND ANY WIRE TO ANY LENGTH USING INCLUDED HEAT SHRINK TO SECURE CONNECTORS & MALE-MALE HEADER.



## THRU BODY LED INSTALLATION

DRILL SIZE 3MM 3/16"  
 5MM 1/4"

- 1) Drill hole.
- 2) Insert LED holder.
- 3) FOR HEAVY-DUTY INSTALLS: Slide ring over LED. (below)
- 4) Insert LED into LED holder.
- 5) Slide ring over LED holder.

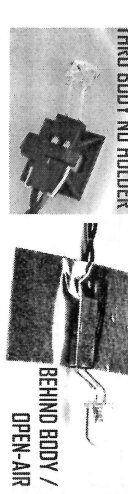


### LOW PROFILE

DRILL SIZE: 5/16" (5MM) 1/4" (3MM)  
 CHROME LED HOLDER



### THRU BODY NO HOLDER



### BEHIND BODY LED INSTALLATION

1. Secure LED connector with aluminum tape OR zip tie & base.
2. Position/aim LED at desired location.

PLACE  
 STAMP  
 HERE

## DETACH AND KEEP THIS PRODUCT WARRANTY

### Owner's Record

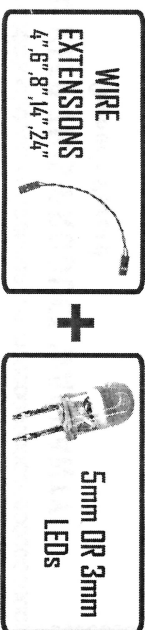
Full Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Country: \_\_\_\_\_ Phone: \_\_\_\_\_  
 E-Mail Address: \_\_\_\_\_  
 Lighting System Purchased: \_\_\_\_\_  
 Purchased From: \_\_\_\_\_  
 Vehicle Installed On: \_\_\_\_\_  
 MODEL NUMBER \_\_\_\_\_  
 CITY, STATE \_\_\_\_\_  
 MODEL \_\_\_\_\_ YEAR PURCHASED \_\_\_\_\_

Please fill in the above information & keep for your records. Complete and mail the attached product warranty to RC-LIGHTS within 30 days after the date of purchase or register @ [www.rc-lights.com/register](http://www.rc-lights.com/register)

### TURNBRAKE™ 14 LED CONTROLLER

- Dual-intensity electronic brake light action built right in!
- Fully-adjustable rate turn signals for Right and Left turn indication
- Fully-adjustable rate headlight strobe -Power directly from the RX throttle channel using included RX Pass-Thru™
- Throttle and steering center-stick auto-detect for precise braking detection
- Very small & compact size
- Continuously power up to 14 LEDs using built-in current limiting resistors

Complete lighting system with:



RC-LIGHTS • PO BOX 1783 • BOULDER, CO 80306 USA [www.RC-LIGHTS.com](http://www.RC-LIGHTS.com)

**LED TECHNOLOGY**

**PLUG AND PLAY**

**2-YEAR WARRANTY**

**LEGEND**

- resistor in circuitry
- electrically connected
- integrated circuit

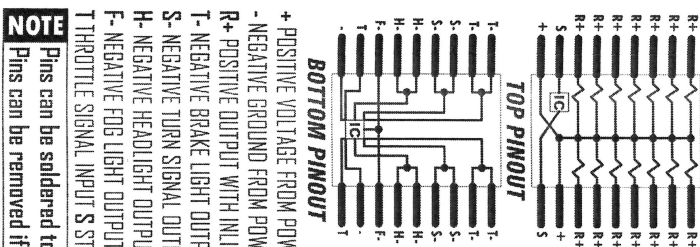
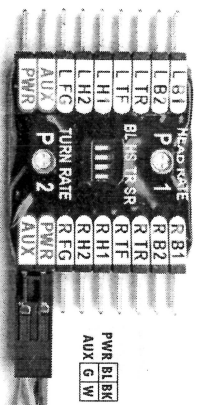
**Plug 4 wire link cable into PWM & AUX pins on the controller with rib UP. Plug the connector with 3 wires on the other end into a RX Pass-Thru™ along with the throttle servo or ESC, and plug the connector with 1 wire into the second RX Pass-Thru™ along with the steering servo. Then plug each RX Pass-Thru™ into the throttle and steering channels of the RX.**

**LED BANKS**

1 LB1, LB2, RB1, RB2: BRAKE LIGHTS  
2 LTR, LTF: LEFT TURN (FRONT & REAR)  
3 RTR, RTF: RIGHT TURN (FRONT & REAR)  
4 LH1, LH2: HEADLIGHTS (LEFT)  
5 RH1, RH2: HEADLIGHTS (RIGHT)  
6 LFG, RFG: FOG LIGHTS

**WIRE COLOR (TO RX)**

BLACK - GROUND  
BLUE - POSITIVE  
WHITE - THROTTLE  
GREY - STEERING



**NOTE** Pins can be soldered to for a hardwired connection. Pins can be removed if they will not be used.

## RC-LIGHTS

### LIMITED LIFETIME WARRANTY

RC-LIGHTS guarantees every 5mm & 3mm LED against any defects due to faulty materials or workmanship during normal use for the lifetime of the LED, ten (10) years from the date of purchase.

All other system components are guaranteed against any defects due to faulty materials or workmanship during normal use for a period of two (2) years from the date of purchase.

This warranty extends only to the original purchaser. A purchase receipt or invoice (from RC-LIGHTS or an authorized dealer), product registration card on file or other proof of date of purchase will be required before warranty service is rendered.

Should a defect occur during the warranty period, contact RC-LIGHTS directly. RC-LIGHTS will at its option repair or replace the defective product. All replaced parts and products become the property of RC-LIGHTS. Repaired or replacement parts and products are guaranteed for the remainder of the original warranty period. You will be charged for materials and labor or replacement of the product after the expiration of the warranty period.

There are no express warranties except as listed above. RC-LIGHTS IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES AND CONDITIONS OF THE MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE TWO (2) YEAR WARRANTY PERIOD FOR SYSTEM COMPONENTS, AND TO THE TEN (10) YEAR WARRANTY PERIOD FOR 5MM & 3MM LEDs.

This warranty only covers defects that occur during normal use. It does not extend to: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instruction, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs or modifications other than those provided by RC-LIGHTS; (c) cosmetic damage; (d) use with lighting accessories, parts, or components not supplied by RC-LIGHTS; (e) water damage in any form, waterproofing is the sole responsibility of the owner; (f) transportation, shipping or insurance costs; (g) costs of product removal, installation, set-up service adjustment or reinstallation.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitation on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives the owner specific legal rights, and you may have other legal rights that may vary from state to state.

Complete and mail back or register @ <http://www.rc-lights.com/register/>

### RC-LIGHTS LED LIGHTING SYSTEM REGISTRATION CARD

Your answers to the following questions are appreciated.

**\* Required Information**

Full Name\* \_\_\_\_\_

Company\* \_\_\_\_\_

Address\* \_\_\_\_\_

City\* \_\_\_\_\_ State\* \_\_\_\_\_ Zip\* \_\_\_\_\_

Country\* \_\_\_\_\_ Phone\* \_\_\_\_\_

Lighting System Purchased\* \_\_\_\_\_

Purchased From\* \_\_\_\_\_

Vehicle Installed On\* \_\_\_\_\_

STOBE NAME \_\_\_\_\_

MANUFACTURER \_\_\_\_\_

Years In The Hobby: \_\_\_\_\_

Model \_\_\_\_\_

Age: \_\_\_\_\_

Additional Comments: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

I Learned About RC-LIGHTS From: ☐ Dealer ☐ Trade Show ☐ Word Of Mouth ☐ Magazine ☐ Online

Receive Latest News: ☐ Yes ☐ No