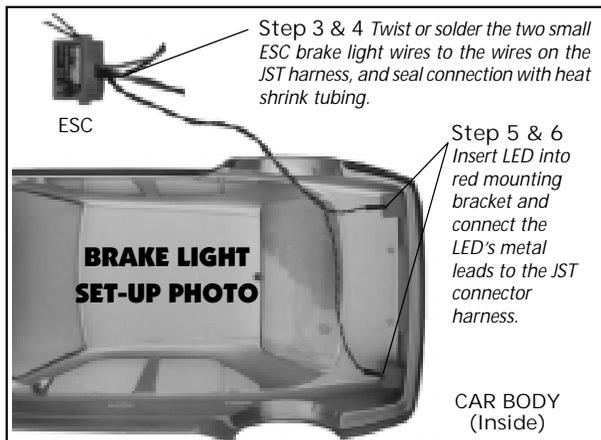


The Novak Brake Light Kit includes two high luminescent LEDs and brake light mounting brackets that can be mounted to almost any vertical or horizontal chassis surface. JST connector harnesses, double-sided mounting tape, heat shrink tubing, and screws are also included to make installation of brake lights easy.

Note: For forward-only ESCs, the brake lights will operate when the speed control is in the neutral setting or at full or partial brakes. For reversible ESCs with Reverse Disable, the lights will only operate while the vehicle is in reverse. If the speed control's Reverse Disable function has been activated for forward-only operation of the vehicle, the lights will not operate.



TO CONNECT BRAKE LIGHTS:

1. Strip about 1/4" of insulation off both the small (26 gauge) red and black brake light wires that exit the back of the speed control.
2. Remove the pre-stripped end of insulation from the JST connector harness and slip heat shrink tubing over each wire.
3. Connect the JST harness to the speed control's brake light wires by twisting or soldering the two wires. Black (negative) to black and red (positive) to red. *See Brake Light Set-Up Photo. Wiring Note: If connecting two LEDs, twist/solder the red wire of both JST connector harnesses to the speed control's single red brake light wire. Do the same for the black wires.*
4. Slide the heat shrink tubing (Step 2) over the twisted/soldered wire connection. Shrink the vinyl tubing with a heat gun or lighter. This will seal the connection and protect the ESC from a short that may occur if wires are left exposed.
5. Insert the LED into the red mounting bracket so that the two metal leads pass through and exit the two small holes on the bottom of the bracket. *Note: The metal lead on the flat side of the LED is the positive lead.*
6. Connect the LED to the JST connector by inserting the metal lead on the flat side of the LED to the "RED" slot (positive) and the other lead to the "BLK" slot (negative). *Note: Plugging the LED in backwards will not cause damage but the LED will not work.*

MOUNTING THE BRAKE LIGHT BRACKETS:

The brake light brackets can be mounted behind the tail light section of the car body or onto most any vertical or horizontal surface on the chassis or body.

- To mount the brake light brackets to the tail light section, insert the screws through holes in the car body and into the screw openings in the brake light bracket.
- To mount the brake light brackets to the chassis use double-sided mounting tape, an existing screw hole, or drill two holes at proper spacing and use the enclosed screws.