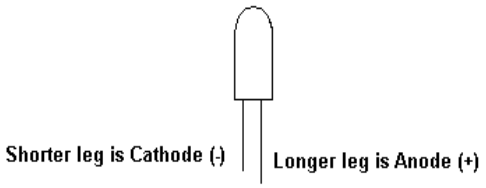
Instructions for Model#: CARL-CC, the Standard Car Lighting System for 1965 Corvette Stingray 1/8th Scale Model

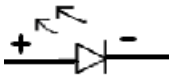
This unit is completely assembled and tested. The only thing you need to do is connect the led's to the connection points as shown below in the Master Wiring Diagram. Then just plug in the 9 volt battery into the holder and throw the micro slide switch on. Hot glue drops on the four sides of the board works well for locking into place.

Items you will need: Soldering Iron, solder, cutter, wire stripper and additional wiring.

****Note:** When using the shrink tubing, you need to only slide the shrink tubing over one leg of the led to keep it from shorting against the other leg. Then use heat gun or flame from lighter to heat the shrink tubing until it shrinks around the wire connected to one of the led legs.

How to distinguish a led:



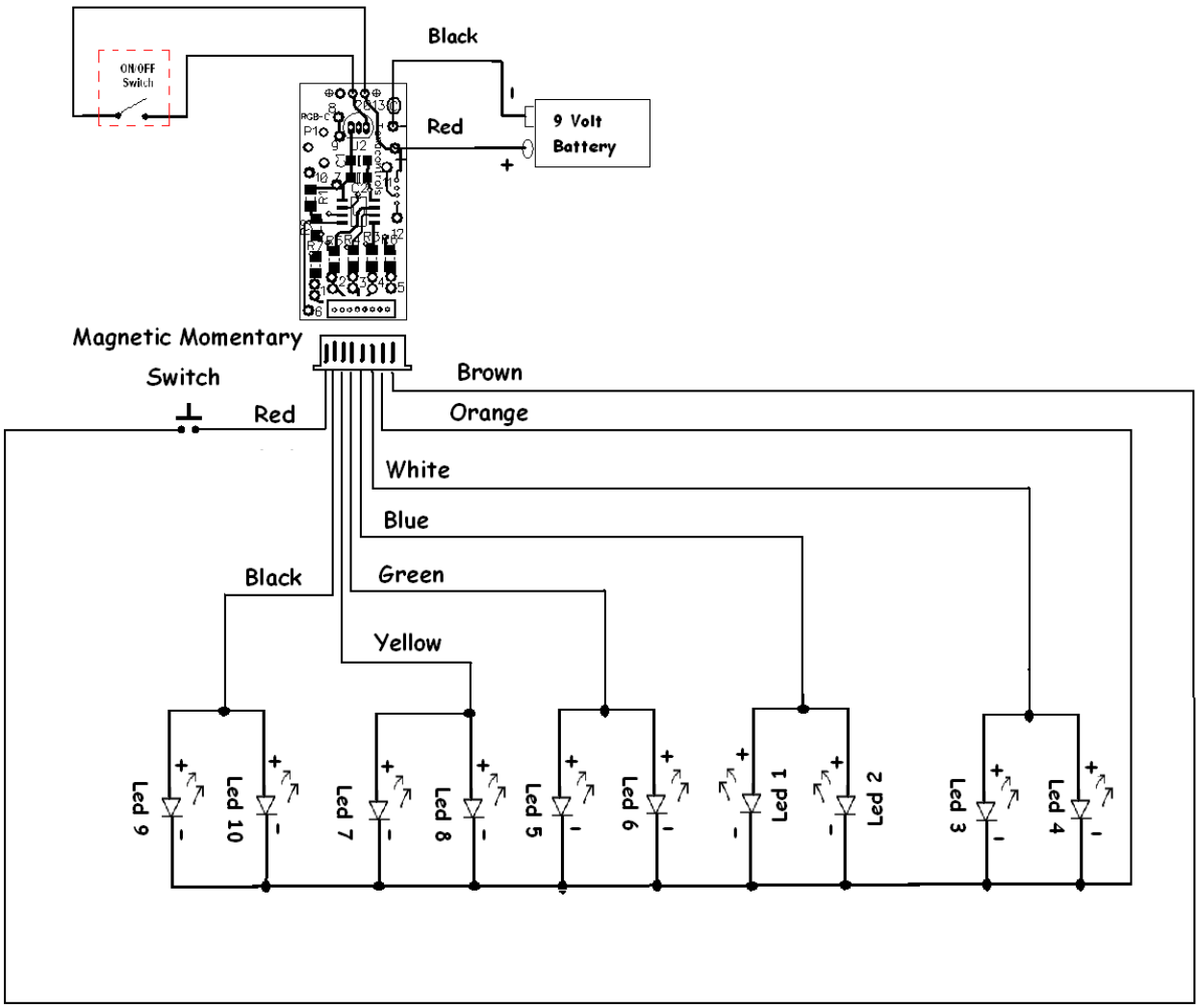


Anode Side (+) Cathode Side (-)

NOTE: This kit could be used with model cars that have individual Low and high beam buckets.

TenaControls Brings Models to Life

Master Wiring Diagram



Picture of magnetic switch

High Beam Lights

1. **Two White led's, LED1-LED2**. The Two Anodes (+) of the High Beam led's, LED1-LED2 connect to the Blue wire from the pc board. Then connect the Cathode (-) of LED1-LED2 to the Orange wire from the pc board. See above diagram.

Rear Driving and Brake Lights

2. **Two Red led's, LED3-LED4**. The Two Anodes (+) of the Rear Driving Lights led's, LED3-LED4 connect to the White wire from the pc board. Then connect the Cathode (-) of LED3-LED4 to the Orange wire from the pc board. See above diagram.

Front Driving Lights

3. **Two White LED5-LED6**. The Two Anodes (+) of the Front Driving Lights led's, LED5-LED6 connect to the Green wire from the pc board. Then connect the Cathode (-) of LED5-LED6 to the Orange wire from the pc board. See above diagram.

Right Side Front Directional Light

4. **One Orange LED7**. Anode (+) of the Right Side Front Directional Light led, LED7 connect to the Yellow wire from the pc board. Then connect the Cathode (-) of LED7 to the Orange wire from the pc board. See above diagram.

Right Side Rear Directional Light

5. **One Red LED8**. Anode (+) of the Right Side Rear Directional Light led, LED8 connect to the Yellow wire from the pc board. Then connect the Cathode (-) of LED8 to the Orange wire from the pc board. See above diagram.

Left Side Front Directional Light

6. **One Orange LED9**. Anode (+) of the Left Side Front Directional Light led, LED9 connect to the Black wire from the pc board. Then connect the Cathode (-) of LED9 to the Orange wire from the pc board. See above diagram.

Left Side Rear Directional Light

7. **One Red LED10**. Anode (+) of the Left Side Rear Directional Light led, LED10 connect to the Black wire from the pc board. Then connect the Cathode (-) of LED10 to the Orange wire from the pc board. See above diagram.

8. Once all the above wiring is done and the Magnetic Switch is mounted in the area of your choice. Slide the power on Switch to the on position, the front and rear driving lights will come on. The first Swipe using the enclosed magnet across the Magnetic Switch will turn the **High Beams** "on". The second Swipe across the Magnetic Switch will turn the **Left Front and Rear Directional** "on". The third Swipe across the Magnetic Switch will turn the **Right Front and Rear Directional** "on". The fourth Swipe across the Magnetic Switch will turn the **Rear Brake Lights** "on". The fifth Swipe across the Magnetic Switch will turn the **Front Head Lights and Rear Driving Lights** "on". The sixth Swipe across the Magnetic Switch will turn all **four directional Lights and Rear Driving Lights** "Flashing" to **simulate Hazard lights**. The seventh Swipe across the Magnetic Switch will place the car lighting system **on automatic sequencing** through all the above lighting phases. To return to manual mode just swipe across the Magnetic Switch one more time.

Warranty

TenaControls warrants that the control boards sold meet TenaControls specifications and are adequately contained, packaged and labeled and conform to the promises and affirmations of fact made on the container and label. THE FOREGOING WARRANTIES ARE EXCLUSIVE, AND ARE IN LIEU OF ALL OTHER WARRANTIES (WHETHER WRITTEN, ORAL OR IMPLIED) INCLUDING WARRANTY OR MERCHANTABILITY IN OTHER RESPECTS THAN EXPRESSLY SET FORTH ABOVE AND WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

In the event that there is a breach of express warranty by the manufacturer made in connection with the purchase of this product, if any, the sole remedy of any buyer shall be to return the product along with original sales receipt, at **buyer's expense** for repair (or replacement of the product if repair is impossible) to the manufacturer's facility in the Commonwealth of Massachusetts, located at 22 Hancock Street, Milford, MA 01757. Some states do not allow the exclusion or limitation of any incidental or consequential damages, so the above limitation may not apply to you. Nothing herein contained shall be construed to be a waiver by the manufacturer of any of the obligations imposed upon said buyer under the laws of the Commonwealth of Massachusetts except as herein specifically stated.

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Warranty Void if:

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B) Used for other than its intended use.
C) Buyer mishandling.