Classic Thunder Road

Part Number: 500626

LED Light Kit contains 2 Green LED Lights, 1 Amber LED Light, and 1 Red LED Light.

Tools required for installation in a Classic Thunder Road Dash Panel: cordless or corded drill, 1 Drill Bit 5/32", Center punch or ice pick, Wire crimping tools or a soldering iron, crazy glue (optional), and a measuring tool of your choice.

Step 1: Locate two locations for the 2 Green LED Light signal indicators and proceed to mark the location with either the center punch or ice pick. Do this on the back of the dash panel.

Step 2: Select a location for the Blue LED Light for the High Beam Indicator and an additional location for the Red LED Light for the Parking Brake Indicator and mark these locations with either the center punch or ice pick. Do this on the back of the dash panel.

Step 3: Carefully drill the 4 holes you just located with the cordless or corded drill and the 5/32" drill bit.

Step 4: Insert the 4 LED Lights in the holes drilled in step 3. You will need to insert the LED's from the front side of the dash panel. The LED's are barrel shaped so when you are inserting them make sure you get them fully seated all the way down. If you would like you may add a drop of crazy glue to the back of the LED housing on the back side of the panel after you fully seat the LED itself.

Step 5: Select the blue(High Beam) LED and attach it to the High Beam indicator wire in the wiring harness. In the case of most GM vehicles, American Autowire Wiring Kits, and Classic Thunder Road Universal Wiring Harnesses it will be a Green or Light Green Wire coming from the dimmer switch in the vehicle. Connect the Black lead to either a provided ground in the American Auto Wire and Classic Thunder Road Harness kits or a common ground if using a stock GM harness.

Step 6: Select the Green LED Light and attach the red lead from the LED to the signal lead in your wiring harness. In the case of most GM, American Autowire Wiring Kits, and Classic Thunder Road Universal Wiring Harnesses it will be a Solid Dark Blue Wire for the right blinker and a blue wire for the left blinker coming from the harness itself. Connect the Black lead to either a provided ground in the American Auto Wire and Classic Thunder Road Harness kits or a common ground if using a stock GM harness.

Step 7: Select the Red (brake) LED and attach it to a 12 volt ignition source. In the case of GM and American Auto Wire Wiring Systems this will be a pink wire, in the Classic Thunder Road Universal Wiring Kit you will need to splice off of a Red and White Striped 12 Volt ignition wire. The Black Lead must be attached to a grounding circuit. Traditionally this is a dual connection. One connection is to the Emergency Brake Ground Switch. When the Emergency Brake is applied, the emergency brake switch sets the ground and will illuminate the light completing the electrical circuit. The Second side of the circuit is to the brake system equalization switch located in the brake fluid distribution manifold. If the Brake system equalization manifold senses an unequal pressure situation in the line, it sets a ground and will illuminate the Red Brake Led thus completing the electrical circuit. In the case of GM and American Auto Wire systems both of these grounding circuits are through a Tan Wire at the emergency brake switch or the brake warning switch in the brake system distribution manifold. If you are using a Classic Thunder Road Universal Wiring Harness you will need to complete the grounding wiring for both sections of the brake system, or at least make sure that your stock unit is in working order and wire our LED into it.

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