



LED Steering Wheel Module Installation Instructions

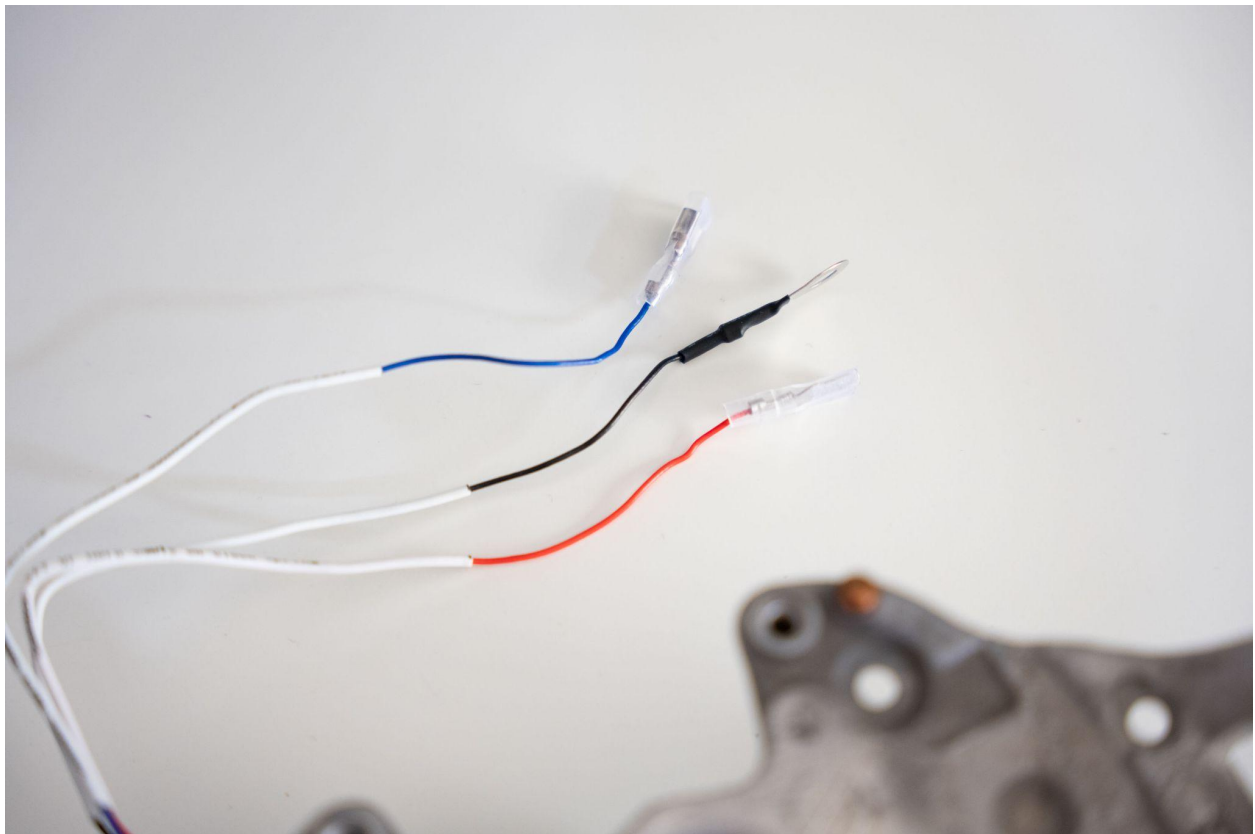
Disclaimer: This guide is meant to be used as a reference and Carbonex is not responsible for any damage and harm to the steering wheel and its components, vehicle, or the people involved during the installation process. In addition, different vehicle options, build year, and model have different components and certain steps could be different.

Prerequisites

Steps in this instruction manual assume the battery is disconnected, airbag removed ([see guide](#)), and have access to the connector powering the steering wheel buttons and cruise control.

Instructions

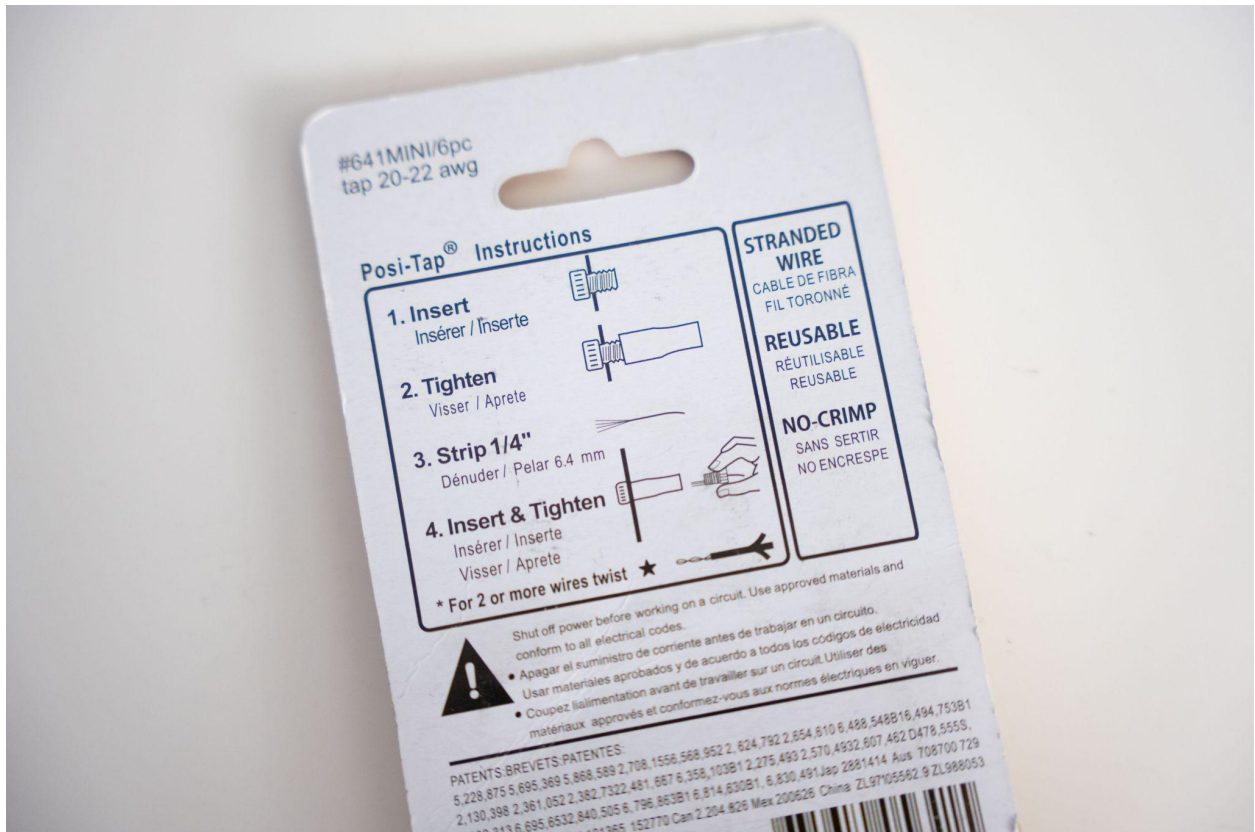
1. The steering wheel LED module contains 3 wires
 - a. **Red**: connect to 12V from steering wheel connector
 - b. **Black**: connect to ground
 - c. **Blue**: unconnected, wrap ends with electrical tape and tuck away



2. Identify the 12V wire on the connector (see photo below) powering the steering wheel buttons and cruise control



3. The 12V connection can be made using the Posi-Tap connector included in the box



4. Use the thicker end of the Posi-Tap to tap into the 12V wire found in step 2.



5. Cut the end connector of the LED module's **RED** wire (in step 1) and connect it to the skinnier end of the Posi-Tap.

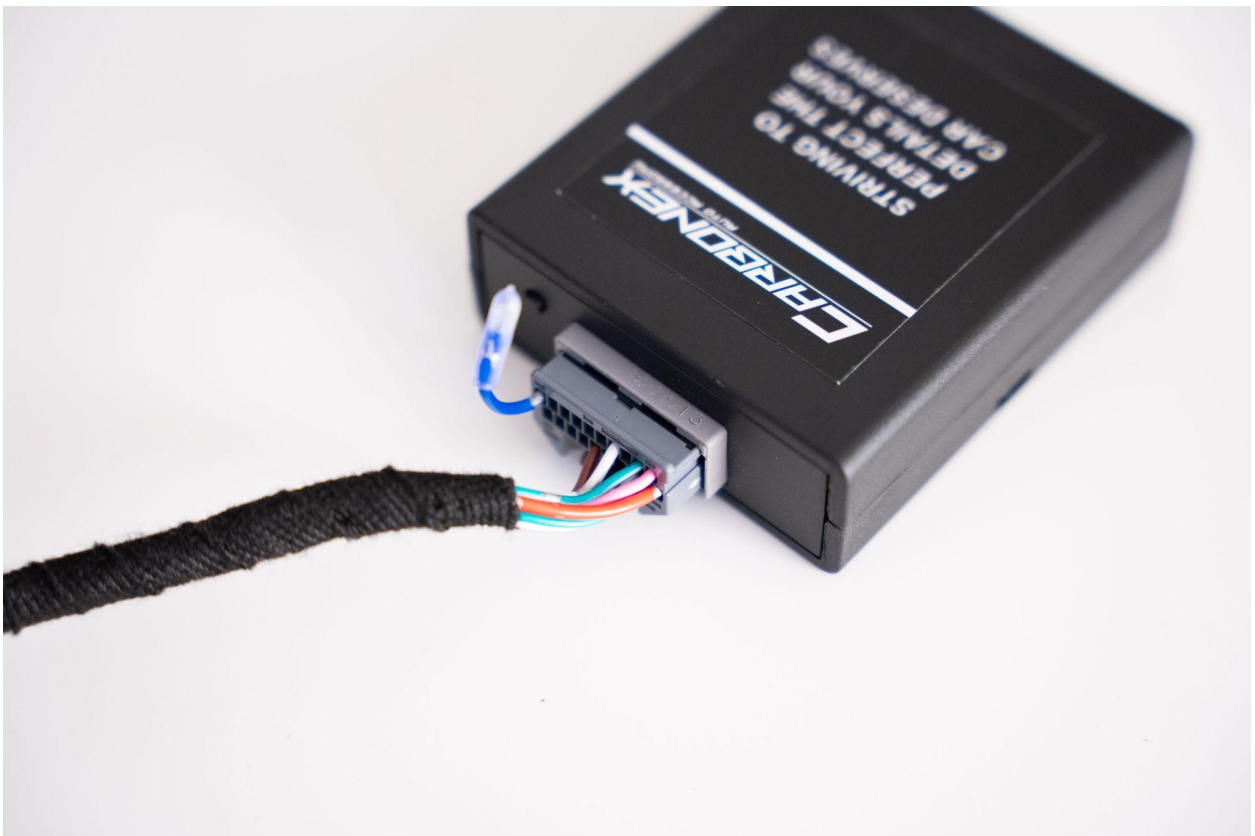


6. Use a T-20 torx screwdriver to remove the screw securing the left paddle shifter.



7. Align the LED module's **BLACK** wire to the screw hole of the paddle shifter and re-attach the T-20 torx screw.
8. Ensure all wires are tucked away and reinstall all the steering wheel components back in place.

9. Connect the wiring harness to the LED control box by using the gray connectors.



10. Connect the OBD2 extension cable to the wiring harness.



11. Connect the OBD2 extension cable to your vehicle's OBD2 port

12. Start up the car and verify the steering wheel's LED module is able to get the readings (e.g. rpm) from the LED control box.

13. Tuck away the wiring harness and LED control box.

14. Continue with [this guide](#) to reassemble the remaining steering wheel