WARNING: DO NOT USE HAND-HELD 2-WAY TRANSCEIVERS INSIDE YOUR VEHICLE WHILE DRIVING.

WHEN TRANSMITTING FROM INSIDE THE CAR, 2-WAY RADIOS THAT OPERATE IN THE 25MHZ-700MHZ FREQUENCY RANGE WITH MORE THAN 2.0 WATTS OF POWER CAN PRODUCE ELECTROMAGNETIC INTERFERENCE THAT COULD INTERFERE WITH THE OPERATION OF CRUISE AND THROTTLE CONTROLS RESULTING IN VEHICLE "LIMP MODE".

USE OF CELLULAR PHONES WILL NOT INTERFERE WITH THESE CONTROLS.

DUE TO SENSITIVE NATURE OF SIGNALS USED FOR THIS PRODUCT, ALL NON-PLUG AND PLAY CONNECTIONS MUST BE SOLDERED. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL VOID WARRANTY.
BEFORE INSTALLATION

To make the installation easier, the complete installation instructions should be read through before installation is started.

This installation instructions contains information how to install the Electronic Cruise Control which is not a Do-It-Yourself job.

Modern cars are equipped with electronics, which can be costly damaged by inappropriate treatment.

Rostra Precision Controls can not be held responsible for any error caused by wrong installation.

STOP - READ BEFORE INSTALLATION

IMPORTANT ADVISORY NOTES THAT YOU MUST FOLLOW

Always disconnect the negative cable from battery before installation.

Always use the enclosed installation instruction for installing the Electronic Cruise Control.

Check the part number of the cruise module label is the same compared to the part number of the installation instructions.

Be aware of radio codes that might have to be typed in.

Find a location to install the cruise module and control switch.

If any wires are left, then cut off and insulate.

Only use a multimeter to measure voltage.

Always drive the car for a complete test before assembling the car.

All wire leads must be soldered.
Connect data harness cap to OBD2 connector or Optional* Cut the Rostra connector off and solder wires: Red Wire to Pin 6, Black Wire to Pin 14

*Optional

To OBD2 Connector

Connect RED wire to Ignition 12 volts PINK (+) at IGNITION SWITCH OR BCM GREEN CONN, PIN 14 ** BCM (Body Control Module) is located under the passenger side dash.

Connect to the accelerator pedal

CHEVROLET EXPRESS VAN/CUT-AWAY CHASSIS 2010-2015
Standard Brake Lights use main wiring harness to make connections listed below. (All wires not listed for connection will not be used)

Connect BLUE wire to Brake+ PINK wire located at the brake switch at the top of the brake pedal assembly. Brake+ is constant 12volts.

Connect WHITE/BROWN Brake- BLUE/WHITE wire 12volts when brake is pressed located at the brake switch connect at the top on the brake pedal assembly.
LED or Unconventional Brake Lights use main wiring harness to make connections listed below. (All wires not listed for connection will not be used)

Vehicles equipped with LED BRAKE LIGHTS will require wiring relay. Terminal 85 to the negative side of brake switch. Terminal 86 and 30 connect to ground. Terminal 87A connect the WHITE/BROWN of cruise harness. (Terminal 87 not used). For double safety connect YELLOW wire to terminal 85 for voltage trigger when brake is applied

Connect BLUE wire to Brake+ PINK wire located at the brake switch at the top of the brake pedal assembly. Brake+ is constant.
Switch Harness | Rostra Switch
---|---
BLACK | BLACK
BLUE/YELLOW | RED
BLUE/YELLOW* | BLUE*
RED/PURPLE | GREEN
BLACK/PURPLE | YELLOW
YELLOW/GREEN | BROWN

* Both Blue/Yellow wires are spliced together. Just connect one BLU/YEL wire to the BLUE, and the other to the RED. The order does not matter.

Do not drill hole for control switch before testing the cruise system.

Use the lever wedges on the Control Switch at an angle template to drill a 3/8" or 9.5mm hole.
### Electronic Cruise Control Kit Installation

#### Pin Color Desired Results Fault Condition

<table>
<thead>
<tr>
<th>Pin</th>
<th>Color</th>
<th>Desired Results</th>
<th>Fault Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>13A</td>
<td>Red</td>
<td>+12V when switched on and +OV when switched off. Ignition must be greater than +10V while cranking vehicle.</td>
<td>No power, voltage drop, or intermittent connection will cause loss of pedal or &quot;Limp Mode&quot; condition.</td>
</tr>
<tr>
<td>14A</td>
<td>Black</td>
<td>Lowest resistance to ground and closest to zero (0) ohms as possible. Use a vehicle ground point where other ground wires are connected to.</td>
<td>A bad ground connection will cause the following conditions: Cruise will not function, loss of pedal or &quot;Limp Mode&quot; condition.</td>
</tr>
<tr>
<td>1B</td>
<td>Green</td>
<td>Set/Coast: 12V press and hold set</td>
<td>Cruise will not set if this connection is not installed correctly.</td>
</tr>
<tr>
<td>2B</td>
<td>Yellow</td>
<td>Resume/Accel: 12V press and hold resume</td>
<td>Cruise will not resume or accel if this connection is not installed correctly.</td>
</tr>
<tr>
<td>3B</td>
<td>Brown</td>
<td>On/Off: 12V press on</td>
<td>Cruise will not set if this connection is not installed correctly.</td>
</tr>
<tr>
<td>6B</td>
<td>Red and Blue</td>
<td>12V</td>
<td>Cruise light will not come on if these connections are not installed correctly.</td>
</tr>
<tr>
<td>8B</td>
<td>Black</td>
<td>(0) ohms resistance to ground</td>
<td></td>
</tr>
</tbody>
</table>