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

Rostra does not recommend the use of 2-way hand held commercial radios (more than 2 watts of power) inside your Yaris while driving and using the cruise control. The computer (ecu) in the vehicle may interpret the transmitting signal from your radio as a potential engine problem which may cause the vehicle to go into "limp mode" which limits vehicle speed. See your Toyota dealer for information on "limp mode" and your Toyota Owner's Manual regarding installation and use of mobile 2-way radio systems.

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.
Connect to the accelerator pedal.

Ground at Drivers Side Kick Panel.

Second connector from left top side of junction box.

VSS Purple Pin 26

Ignition Red Pin 9

Connect to the accelerator pedal.
For vehicles with manual transmission. only

Record the position of the bolt before installing

 Installed clutch switch
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.

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

### Electronic Cruise Control Kit

<table>
<thead>
<tr>
<th>PIN</th>
<th>COLOR</th>
<th>DESIRED RESULTS</th>
<th>FAULT CONDITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2C</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>4C</td>
<td>BLUE</td>
<td>&quot;Hot side of brake switch. 12V all the time.&quot;</td>
<td>Cruise will not function if this connection is not installed correctly.</td>
</tr>
<tr>
<td>7C</td>
<td>BROWN/WHITE</td>
<td>&quot;Cold&quot; side of brake switch. Zero (0) resistance to ground when brake is not pressed.</td>
<td>Cruise will not function if this connection is not installed correctly. If connection is good, and there is a high resistance to ground, a 5 terminal relay will be required to complete installation. See diagram on next page.</td>
</tr>
<tr>
<td>3C</td>
<td>PURPLE</td>
<td>Vehicle speed sensor circuit</td>
<td>Cruise will not function if this connection is not installed correctly. Cruise will accelerate if there is an intermittent connection.</td>
</tr>
<tr>
<td>1C</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>Cruise will not set if this connection is not installed correctly.</td>
</tr>
</tbody>
</table>

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**Notes:**
- All accelerator pedal voltages shown are with the pedal fully depressed with ignition power.
- All wires are checked at 12V or +IGN with the pedal depressed and the key in the ignition.
5 Terminal Relay for Brake Switch if needed

86 Ground
85 Brake-
87 Not Used
87A Brown/White of Cruise Harness
30 Ground
Notes: