**HONDA INSIGHT & FIT 2009-**

**PART NUMBER: 250-1877**

**GENERAL APPLICABILITY**

**HONDA INSIGHT AND FIT (AT/MT)**

**Kit Contents/Service Parts**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>PART#</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>CRUISE CONTROL MODULE</td>
<td>250-2763</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>MAIN WIRING HARNESS</td>
<td>250-2759</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>SWITCH HARNESS</td>
<td>250-2760</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>PEDAL INTERFACE HARNESS</td>
<td>250-2842</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>HARDWARE KIT</td>
<td>250-2767</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>CONTROL SWITCH</td>
<td>250-3742</td>
</tr>
</tbody>
</table>

**Legend**

- **STOP**: Damage to vehicle may occur. Do Not Proceed until process compliance has been met.
- **OPERATOR SAFETY**: Use Caution to Avoid Risk of Injury.
- **CRITICAL PROCESS**: Proceed with Caution to Ensure a Quality Installation. These points will be audited on a completed vehicle installation.
- **GENERAL PROCESS**: This highlights specific processes to ensure a quality installation. These points will be audited during the accessory installation.
- **TOOLS & EQUIPMENT**: This calls out the specific tools and equipment required for the process.
- **REVISION MARK**: This mark highlights a change in installation with respect to previous issue.

**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.

READ BEFORE INSTALLATION-IMPORTANT

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 to the accelerator pedal

10mm Wrench
Negative battery cable

Battery

Fig. 1-1

Connect Red ignition wire from cruise harness to Red wire as shown at the junction box

Red Wire

Ground

Red Wire

Ignition
Red Wire

Connect Red ignition wire from cruise harness to Red wire as shown at the junction box

Red Wire
Note: For vehicles with manual transmission only. Connect Clutch Harness to Control Module. Connect White Wire to Orange Wire in Pin 1 of the Clutch Switch.

Insight: Connect Purple VSS wire to Blue wire at white 20 pin connector attached below junction box.

Fit: Connect Purple VSS wire to Blue wire at white 13 pin connector attached below junction box.
**Fit:** Connect Blue brake positive wire to White wire in Pin 2. Connect White/Brown brake negative wire to Lt. Green Wire in Pin 1

**Insight:** Connect Blue brake positive wire to Purple wire in Pin 2. Connect White/Brown brake negative wire to White Wire in Pin 1
Use the lever wedges on the Control Switch at an angle template to drill a 3/8" or 9.5mm hole

**Order of Placement is not critical**

Do not drill hole for control switch before testing the cruise system
## Electronic Cruise Control Kit Troubleshooting

### 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>2C</td>
<td>RED</td>
<td>(IGN) +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. +12V when brake is 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>(VSS) 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 light will not come on if these connections are not installed correctly.</td>
</tr>
</tbody>
</table>

### Pedal Interface Harness Voltages with pedal fully depressed

![Pedal Interface Harness Voltages](image-url)