07-08 HONDA FIT / 07-11 HONDA CIVIC — ELECTRONIC CRUISE CONTROL KIT

DASH MOUNT SWITCH — PART NUMBER: 250-1867

General Applicability

This cruise control was tested and verified on:

- 07-08 Honda Fit, 07-11 Honda Civic w/ ABS (AT/MT)

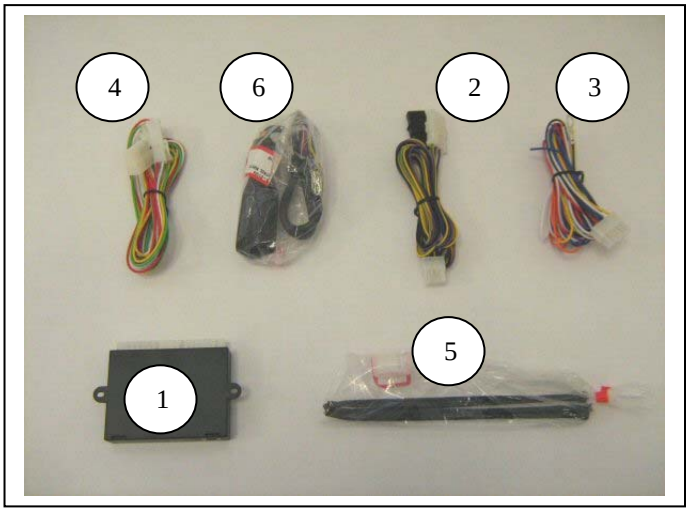
This cruise control may not function correctly on unverified vehicles. See www.rostra.com for vehicle compatibility.

Kit Contents

Item	Qty	Description	Service Part #
1	1	Cruise Control Module	250-2786
2	1	Switch Harness	250-2760
3	1	Main Wiring Harness	250-2759
4	1	Pedal Interface Harness	250-2771/ 250-2815
5	1	Hardware Kit	250-2767
6	1	Control Switch	250-3593

Contents of Hardware Bag

Qty	Description
8	Wire Zip Ties



Recommended Tools

Safety Tools	
Gloves, Safety Glasses	
Special Tools	
Volt-Ohm Meter	
Installation Tools	
Trim Removal Tool	
Side cutter	To cut wire ties
Drill Bit or Knockout Punch	9.5mm or 3/8” (for switch)
10mm wrench	
Soldering Tool	
Special Chemicals	

Conflicts

Note: Vehicles without ABS are not compatible with this cruise control.

Legend

- **STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.
- **OPERATOR SAFETY:** Use caution to avoid risk of injury
- **CRITICAL PROCESS:** Proceed with caution to ensure a quality installation.
- **GENERAL PROCESS:** This highlights specific processes to ensure a quality installation.
- **TOOLS & EQUIPMENT:** This calls out the specific tools and equipment required for this process

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

WHEN TRANSMITTING FROM INSIDE THE CAR, 2-WAY RADIOS THAT OPERATE IN THE 25 MHz - 700 MHz 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 cell 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 instruction 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 cannot 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.

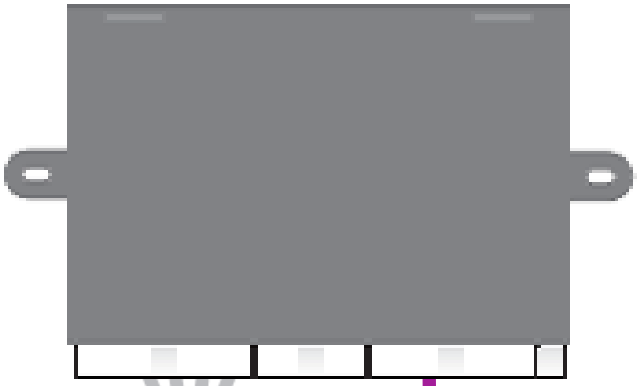
If any wires are left, then cut off and insulate.

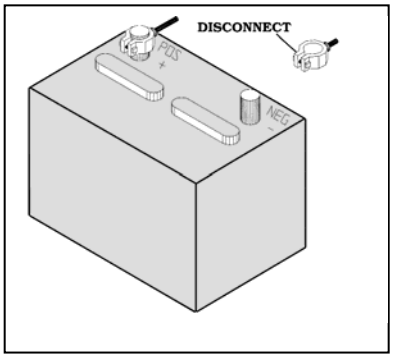
Only use a multi-meter to measure voltage.

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

All wire leads must be soldered.

07-11 HONDA CIVIC

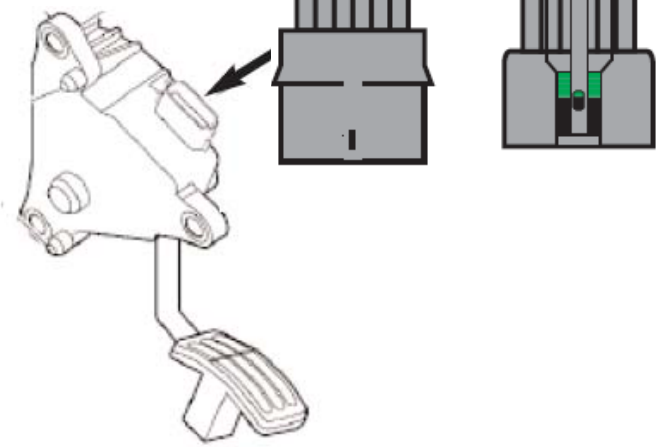


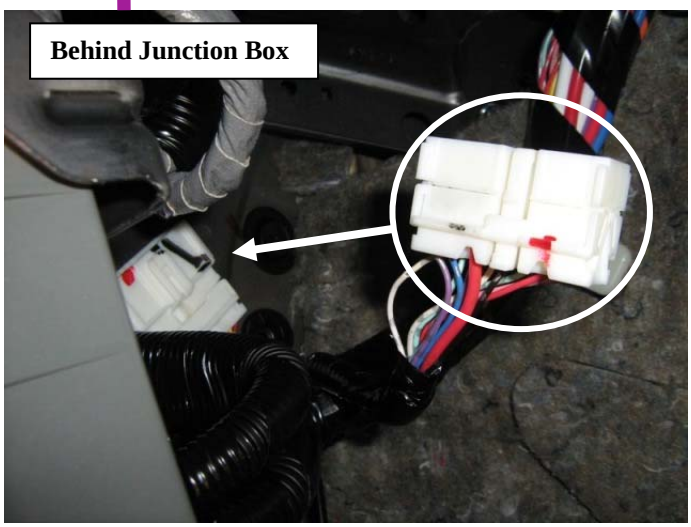


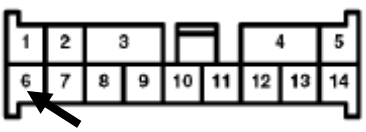
P
U
R

VSS

Connect to the accelerator pedal

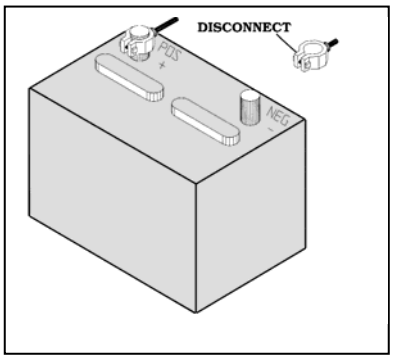






VSS PIN 6 WHITE

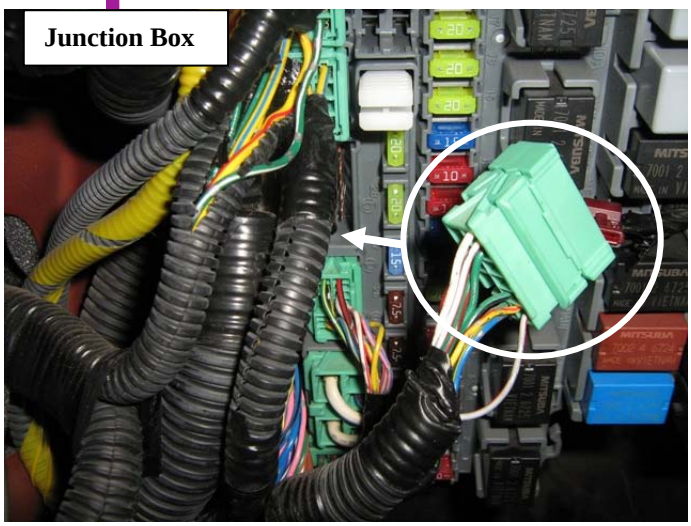
07-08 HONDA FIT



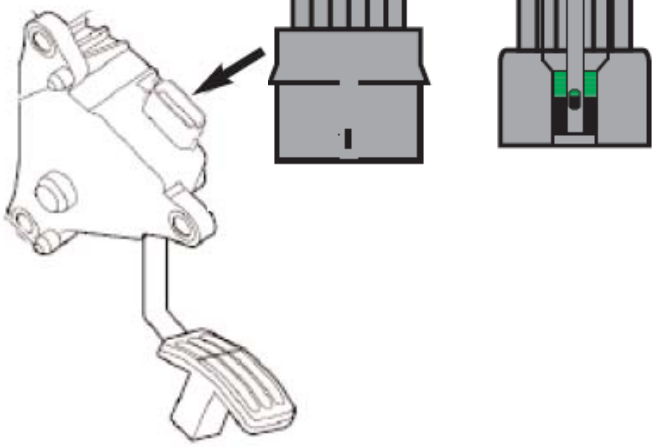
P
U
R

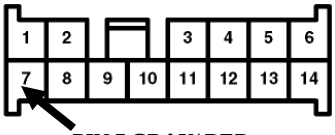
VSS

Junction Box

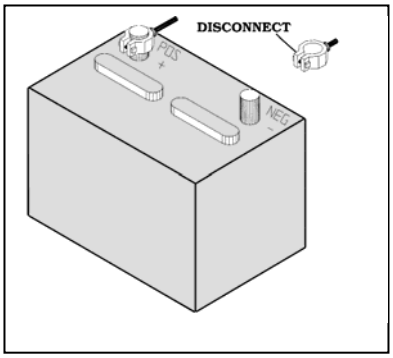


Connect to the accelerator pedal





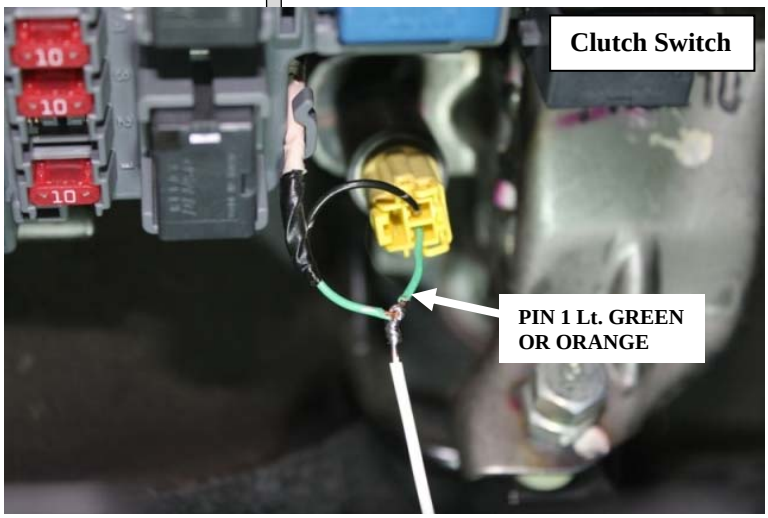
PIN 7 GRAY/ RED



W
H
T

Clutch
(GND)
Triggered

Note: This connection is for vehicles with manual transmission only.



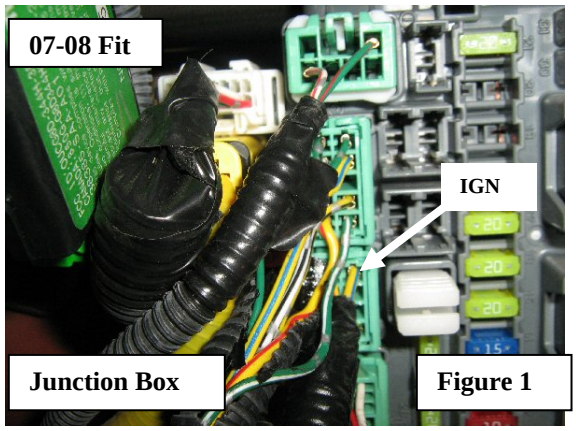
A. Honda Fit Wiring Connections (It is advisable use solder for all wiring connections)

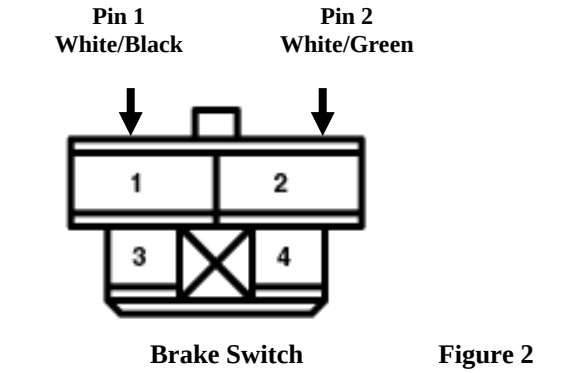
1. Locate the following wires to connect to the main harness from the control module:

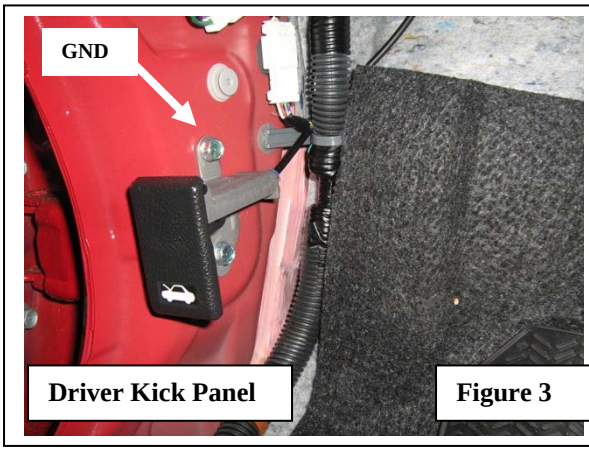
Function	See Fig.	Vehicle Color
IGN	1	YELLOW/BLUE
BRAKE +	2	WHITE/GREEN
BRAKE -	2	WHITE/BLACK
GROUND	3	GROUND POINT
CLUTCH SWITCH		PAGE 5

2. Connect the Main Harness to vehicle wire by using the chart below.

Function	Cruise Harness Color	Vehicle Wire
IGN	RED	FIGURE 1
BRAKE +	BLUE	FIGURE 2
BRAKE -	WHITE/BROWN	FIGURE 2
CLUTCH SWITCH	WHITE	PAGE 5







B. 07-11 Honda Civic Wiring Connections (It is advisable use solder for all wiring connections)

1. Locate the following wires to connect to the main harness from the control module:

Function	See Fig.	Vehicle Color
IGN	1	RED
BRAKE +	2	WHITE
BRAKE -	2	LT. GREEN
GROUND	3	GROUND POINT
CLUTCH SWITCH		PAGE 5

2. Connect the Main Harness to vehicle wire by using the chart below:

Function	Cruise Harness Color	Vehicle Wire
IGN	RED	RED
BRAKE +	BLUE	WHITE
BRAKE -	WHITE/BROWN	LT. GREEN
GROUND	BLACK	GROUND POINT
CLUTCH SWITCH	WHITE	PAGE 5

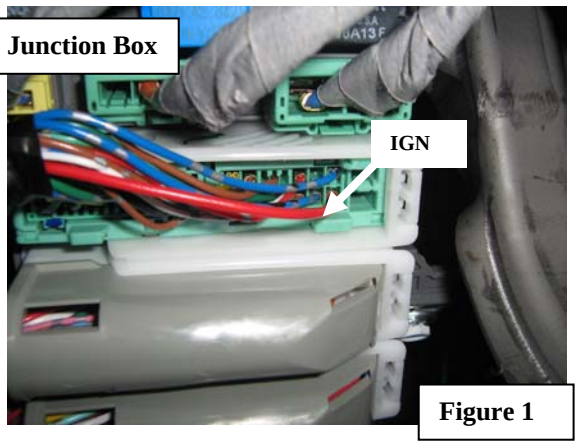
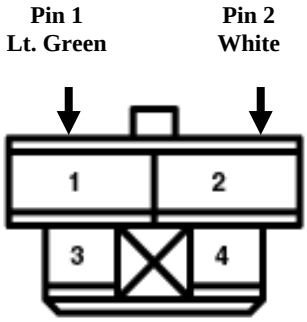


Figure 1



Brake Switch — Figure 2

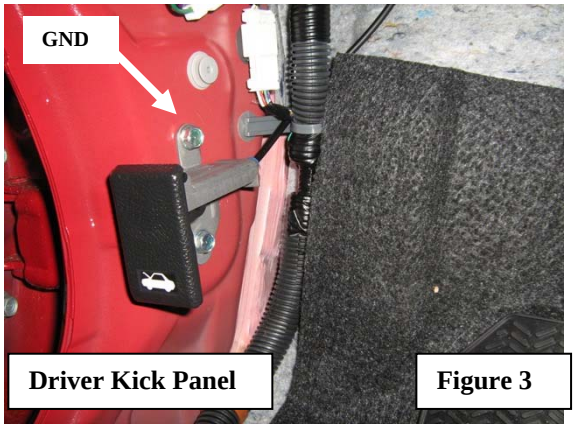


Figure 3

C. Install Control Switch

1. Locate a convenient flat area on dash panel to install the dash mount switch. **Note: switch must be installed on a flat surface for proper switch operation.** Use the switch template located on last page of the instructions as a guide to drill (3) 9/32 inch holes. **Figure 1**
2. Insert the wiring harness through the center hole drilled into the dash panel. **Figure 2**
3. With even pressure, press the two leg fasteners of the dash mount switch into the holes drilled until the switch is flush with the dash panel. **Figure 3 & 4**

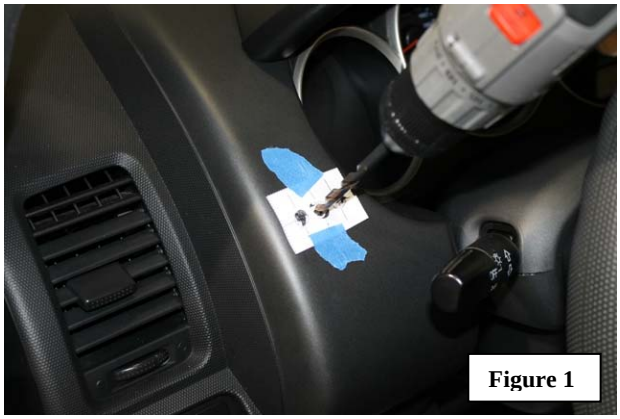


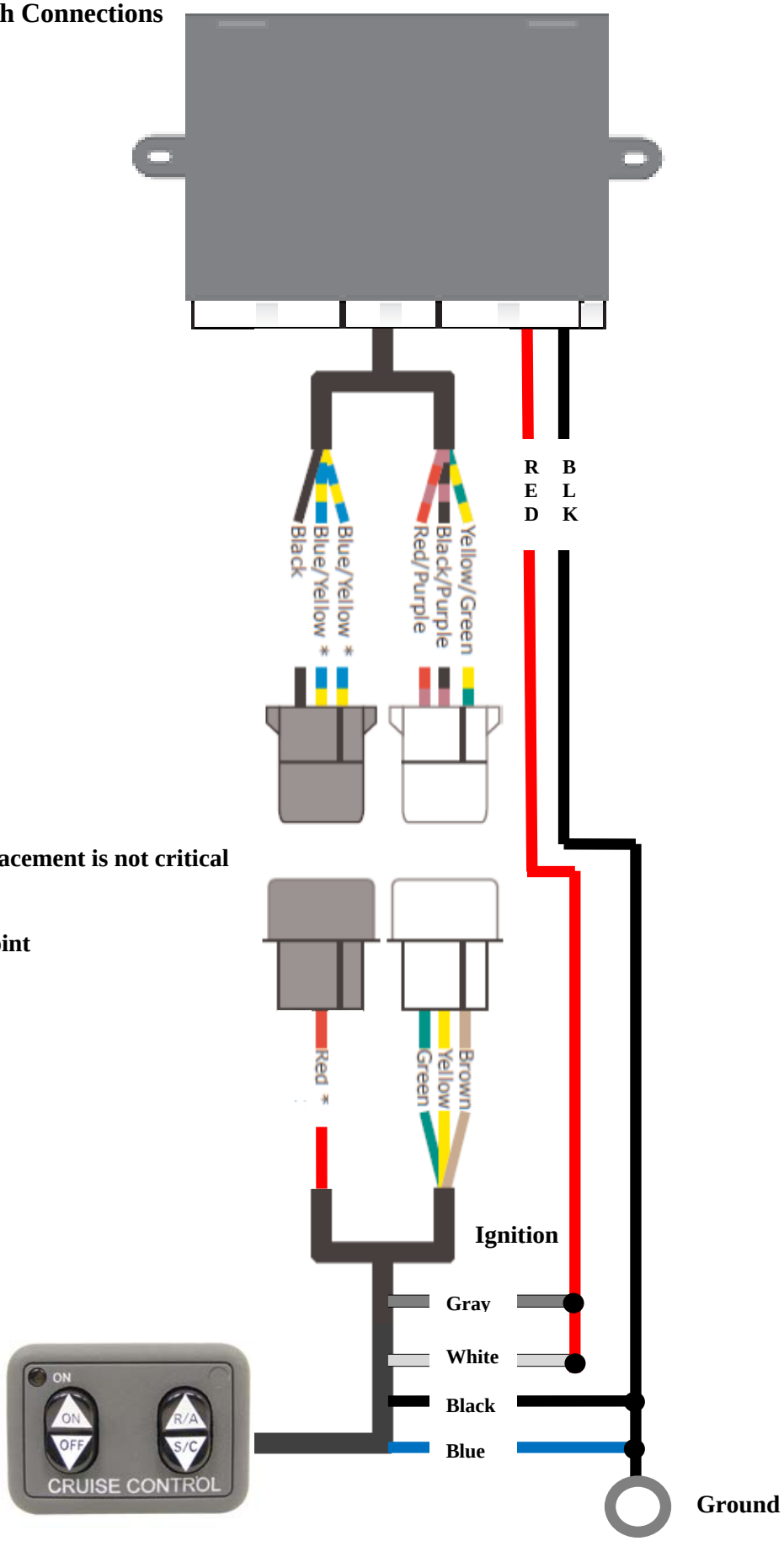
Figure 1


Figure 2

Figure 3

Figure 4

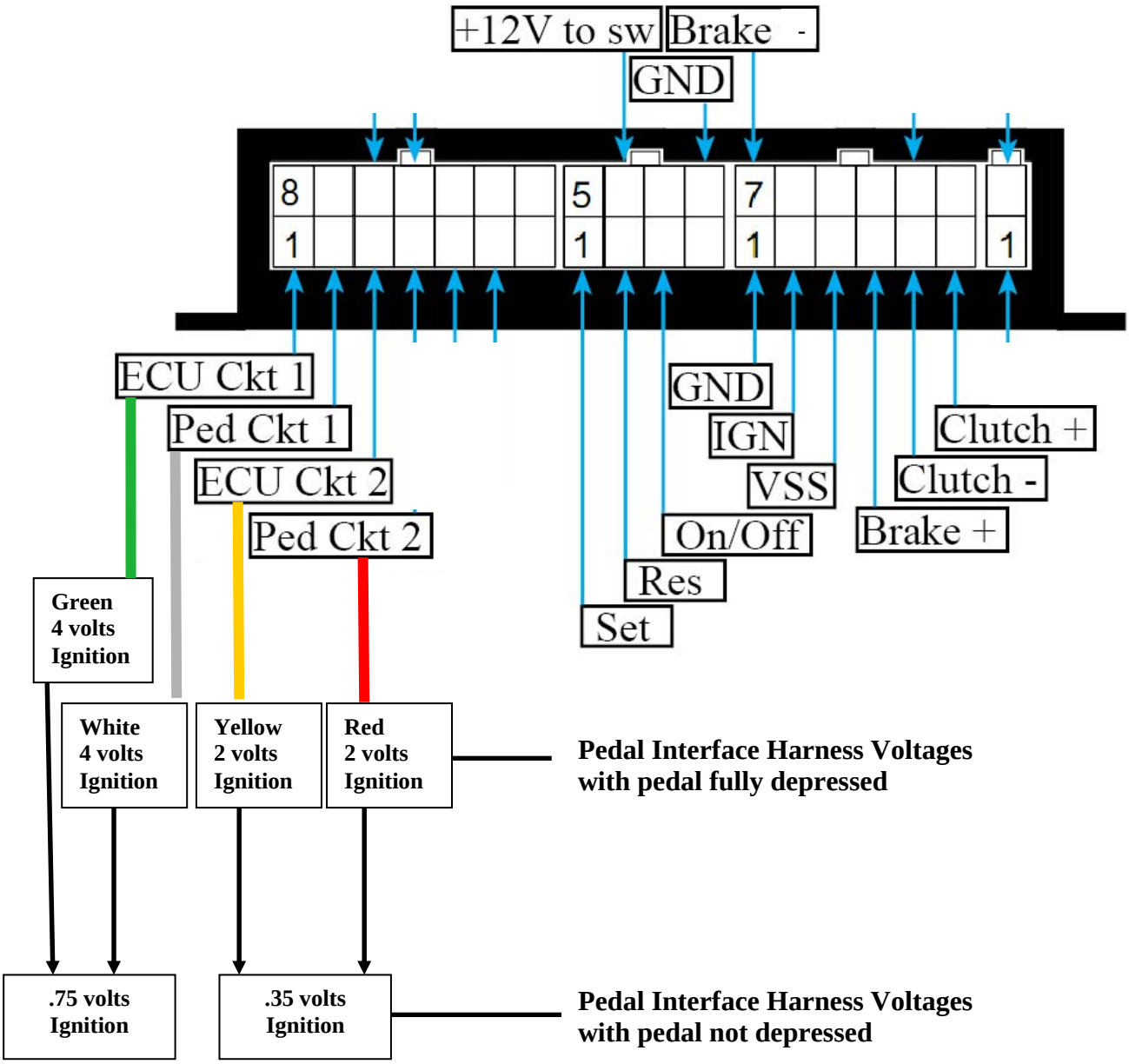
Control Switch Connections



*Order of placement is not critical

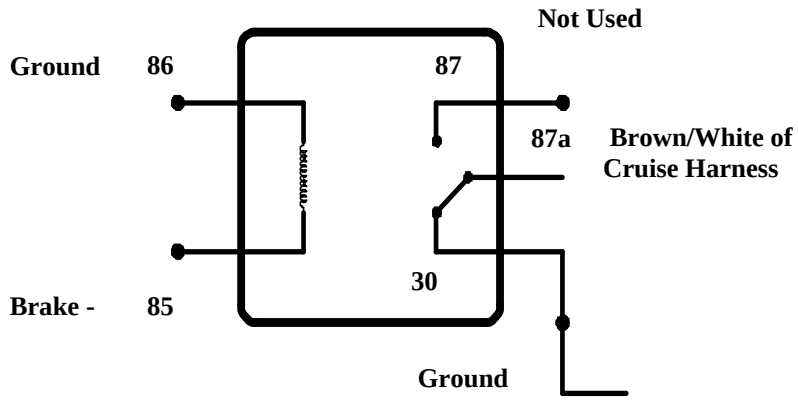
● Solder joint

Section II - Wiring Diagram



Function	Color	Results	Fault Conditions
Ignition	Red	+12V when switched on and +0V when switched off. Ignition must be greater than +10V while cranking vehicle.	No power, voltage drop, or intermittent connection will cause Loss of pedal or "Limp Mode" condition.
Brake positive +	Blue	"Hot" side of brake switch. +12V all the time.	Cruise will not function if this connection is not installed correctly.
Brake negative -	Brown/White	"Cold" side of Brake switch. Zero (0) resistance to ground when brake is not pressed. +12V when brake is pressed.	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 below.
Ground	Black	Lowest resistance to ground closest to zero (0) ohms as possible. Use a vehicle ground point where other ground wires are connected to.	A bad ground connection will cause the following conditions: Cruise will not function; Loss of pedal or "Limp Mode" condition.
Clutch (GND triggered)	White	Ground active wire at switch when clutch is depressed.	Cruise will not function if wrong wire is connected –OR– **Cruise will not disengage when clutch is depressed**.
Clutch (+12V triggered)	Yellow	+12V active wire at switch when clutch is depressed.	Cruise will not function if wrong wire is connected –OR– **Cruise will not disengage when clutch is depressed.**

5 Terminal Relay for Brake Switch

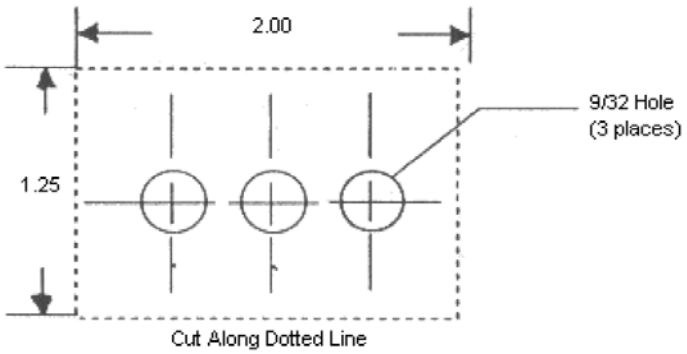


TECHNICAL TIPS

Control Switch Test

1. Be sure terminals are fully inserted a white and black 3pin connectors before performing switch test.

Yellow/Green wire at control module	On/Off: +12 volts press on, O volts press off
Purple/Red wire at control module	Set/Coast: +12 volts press and hold set
Purple/Black wire at control module	Resume/Acc: +12 volts press and hold resume
Red & Blue wire at black 3pin connector	+10-12 volts
Black wire at black 3pin connector	Less than 5 ohms resistance to ground



Rostra Precision Controls, Inc.