

**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

**SOME GOOD ADVICE**

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

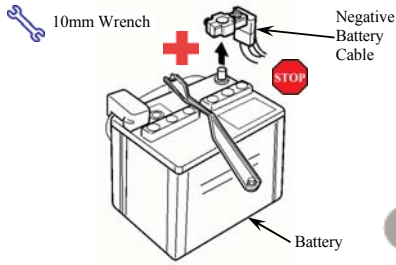
If any wires are left, then cut off and insulate.

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.

INSTALLATION



White
Red
Yellow
Green
Red

Black
Red

Connect data harness cap to OBD2 connector

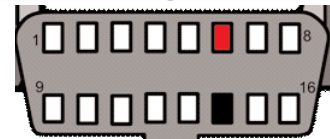
Optional *Cut the Rostra connector off and solder wires: Red Wire to Pin 6, Black Wire to Pin 14

Ignition Red Wire

*Optional

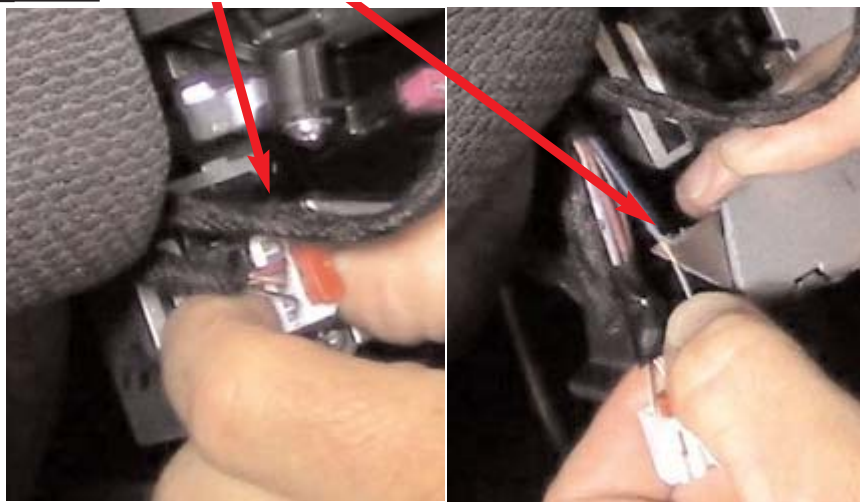
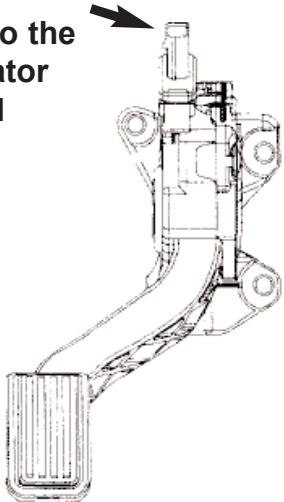


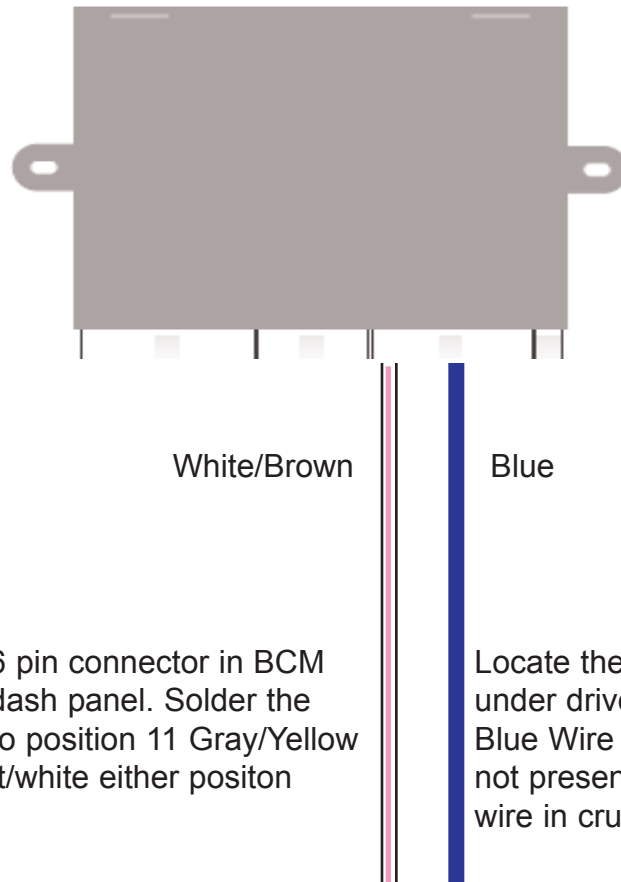
To OBD2 Connector



SOLDER RED IGNITION WIRE FROM CRUISE HARNESS TO Yellow/Blue WIRE IN IGNITION SWITCH HARNESS LOCATED BELOW STEERING COLUMN

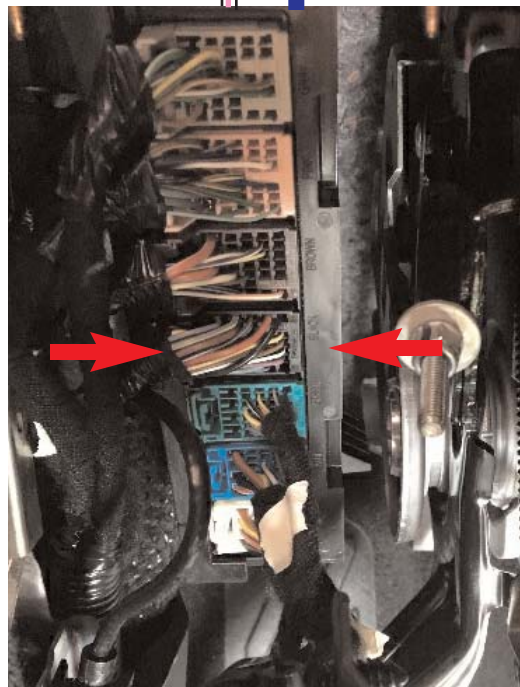
Connect to the accelerator pedal



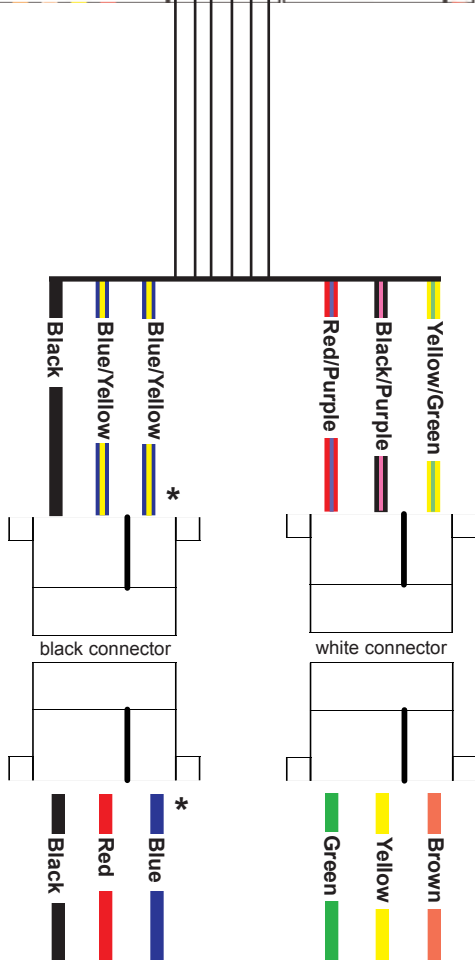


Locate the Black 26 pin connector in BCM under drivers side dash panel. Solder the White/Brown Wire to position 11 Gray/Yellow or position 15 Violet/white either position installer choice.

Locate the Black 26 pin connector in BCM under drivers side dash panel. Solder the Blue Wire to position 7 White/Yellow. If wire not present connect to the igniton RED wire in cruise harness for power.




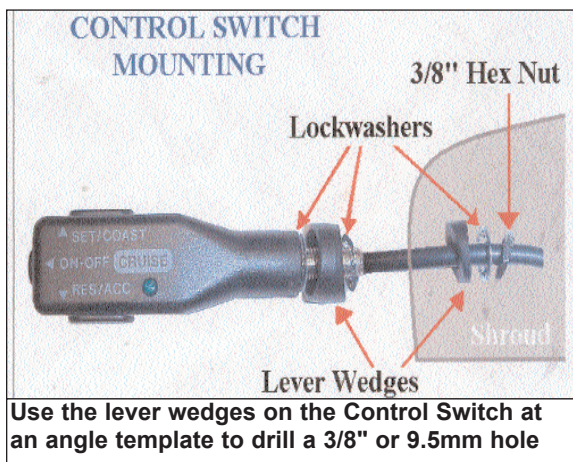
BCM under drivers side dash panel
BLACK connector.

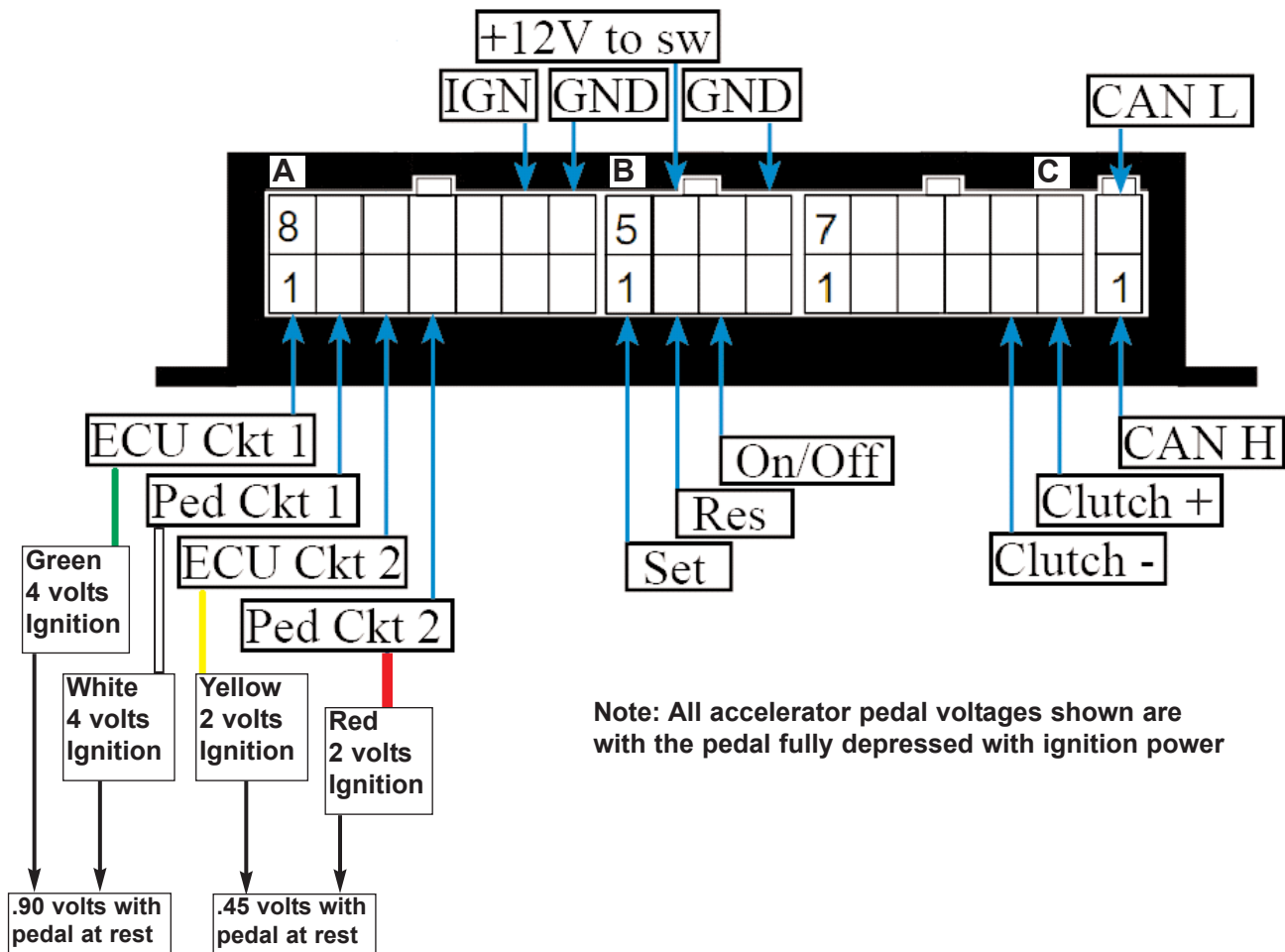


Switch Harness	Rostra Switch
BLACK	BLACK
BLUE/YELLOW	RED
BLUE/YELLOW*	BLUE*
RED/PURPLE	GREEN
BLACK/PURPLE	YELLOW
YELLOW/GREEN	BROWN

* 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





PIN	COLOR	DESIRED RESULTS	FAULT CONDITION
13A	RED	+12V WHEN SWITCHED ON AND +OV 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.
14A	BLACK	LOWEST RESISTANCE TO GROUND AND 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.
1B	GREEN	SET/COAST: 12V PRESS AND HOLD SET	CRUISE WILL NOT SET IF THIS CONNECTION IS NOT INSTALLED CORRECTLY.
2B	YELLOW	RESUME/ACCEL: 12V PRESS AND HOLD RESUME	CRUISE WILL NOT RESUME OR ACCEL IF THIS CONNECTION IS NOT INSTALLED CORRECTLY.
3B	BROWN	ON/OFF: 12V PRESS ON	CRUISE WILL NOT SET IF THIS CONNECTION IS NOT INSTALLED CORRECTLY.
6B	RED AND BLUE	12V	CRUISE LIGHT WILL NOT COME ON IF THESE CONNECTIONS ARE NOT INSTALLED CORRECTLY.
8B	BLACK	(0) OHMS RESISTANCE TO GROUND	

IF ALL IS CORRECT METER CAN LINES AT OBD2 CAN HI WILL BE 2.5 VOLTS CAN Low WILL READ 2.1. IF THE VOLTAGES DO NOT MATCH MOVE CAN LINES TO THE BCM BOTTOM WHITE CONNECTOR AND CONNECT CAN HI TO POSITION 25 BLUE WIRE. CONNECT CAN LOW TO POSITON 24 WHITE WIRE AND TEST CRUISE.