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 before installation.

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.
NISSAN SENTRA 2007-2014
PART NUMBER: 250-9604

ELECTRONIC CRUISE CONTROL KIT

10mm Wrench
Negative battery Cable
Battery

Fig. 1-1
Ignition
Red Wire
To OBD2 Connector

White
Black
Red
Green

Connect to the accelerator pedal

Note: For vehicles with manual transmission only. Connect Clutch Harness to Control Module. Connect White Wire to Clutch Switch To Clutch (ground triggered)
To NSS (12volt triggered)
Note: Optional neutral safety switch connection for vehicles with automatic transmission only

2013 - Neutral Safety Switch:
Connect Clutch Harness to Control Module. Connect Yellow Wire to Brown wire in Pin 6 at left connector of TCM located in front of battery. Use white from Clutch Harness to extend yellow wire.
2007-2012 Neutral Safety Switch: Connect Clutch Harness to Control Module. Connect Yellow Wire to Pink/Black in Pin 2 at TCM located below air intake in front of battery. Use white from Clutch Harness to extend yellow wire.

Note: Optional neutral safety switch connection for vehicles with automatic transmission only.
Use the lever wedges on the Control Switch at an angle template to drill a 3/8" or 9.5mm hole.

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

*Order of Placement is not critical
### 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 GROUND ACTIVE WIRE AT SWITCH WHEN CLUTCH IS DEPRESSED. | Cruise light will not come on if these connections are not installed correctly.
8B BLACK | (0) OHMS RESISTANCE TO GROUND | Cruise will not function if wrong wire is connected -OR- Cruise will not disengage when clutch is depressed.
5C WHITE | +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.
6C 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.

Note: All accelerator pedal voltages shown are with the pedal fully depressed with ignition power.