

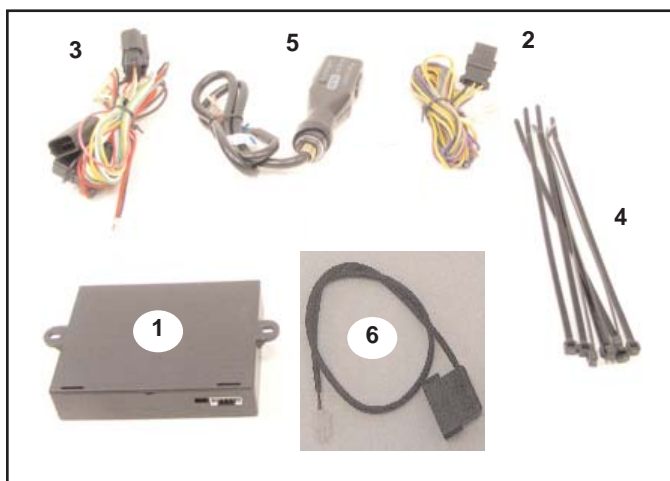
**PART NUMBER: 250-9618 AUTOMATIC TRANSMISSION
250-9619 MANUAL TRANSMISSION**

GENERAL APPLICABILITY

THIS CRUISE WAS TESTED AND VERIFIED ON:
CHEVY SONIC MODELS WITH AUTOMATIC AND MANUAL TRANS.

KIT CONTENTS/SERVICE PARTS

| ITEM | QTY | DESCRIPTION | PART# |
|------|-----|-------------------------|----------------------------|
| 1 | 1 | CRUISE CONTROL MODULE | 250-2832 AT 250-2840 MT |
| 2 | 1 | SWITCH HARNESS | 250-2760 |
| 3 | 1 | PEDAL INTERFACE HARNESS | 250-2836 |
| 4 | 1 | HARDWARE KIT | 250-2767 |
| 5 | 1 | CONTROL SWITCH | 250-3742 |
| 6 | 1 | DIAGNOSTICS HARNESS | 250-2785 |



HARDWARE BAG CONTENTS

| ITEM | QTY | DESCRIPTION |
|------|-----|---------------|
| 1 | 8 | WIRE ZIP TIES |
| 2 | | |
| 3 | | |







RECOMMENDED TOOLS

| PERSONAL & VEHICLE PROTECTION | |
|-------------------------------|----------------------------|
| SAFETY GLASSES | |
| | |
| SPECIAL TOOLS | |
| VOLT-OHM METER | |
| INSTALLATION TOOLS | |
| TRIM REMOVAL TOOL | PHILLIPS SCREWDRIVER |
| 10-MM WRENCH | |
| DRILL BITS | 9.5MM OR 3/8" (FOR SWITCH) |
| 14MM WRENCH | |
| SOLDERING TOOL | |
| SPECIAL CHEMICALS | |
| | |
| | |

CONFLICTS

NOTE:

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.



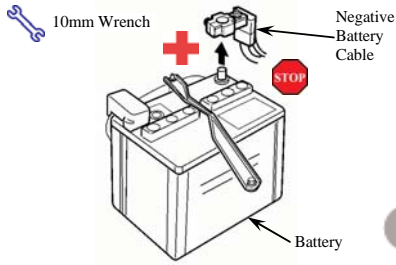
WARNING: DO NOT USE HAND-HELD 2-WAY TRANSCEIVERS INSIDE YOUR VEHICLE WHILE DRIVING.

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".

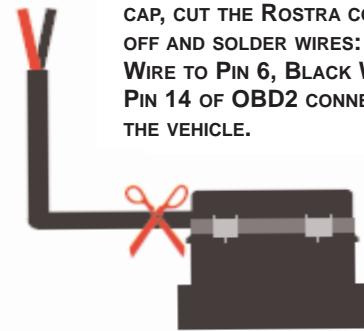
USE OF CELLULAR PHONES WILL NOT INTERFERE WITH THESE CONTROLS.



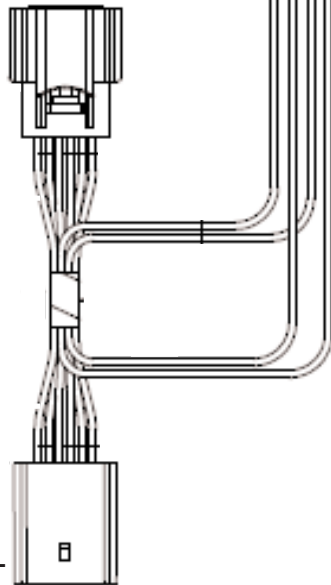
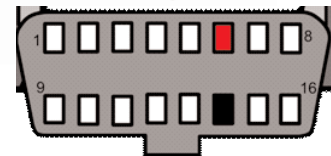
DUE TO SENSITIVE NATURE OF SIGNALS USED FOR THIS PRODUCT, ALL NON-PLUG AND PLAY CONNECTIONS MUST BE SOLDERED. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL VOID WARRANTY.



* NOTE: IF THE OBD2 INTERFACE CONNECTOR DOES NOT FIT, OR YOU DO NOT WANT TO USE THE PLUG CAP, CUT THE ROSTRA CONNECTOR OFF AND SOLDER WIRES: RED WIRE TO PIN 6, BLACK WIRE TO PIN 14 OF OBD2 CONNECTOR IN THE VEHICLE.



To OBD2
CONNECTOR

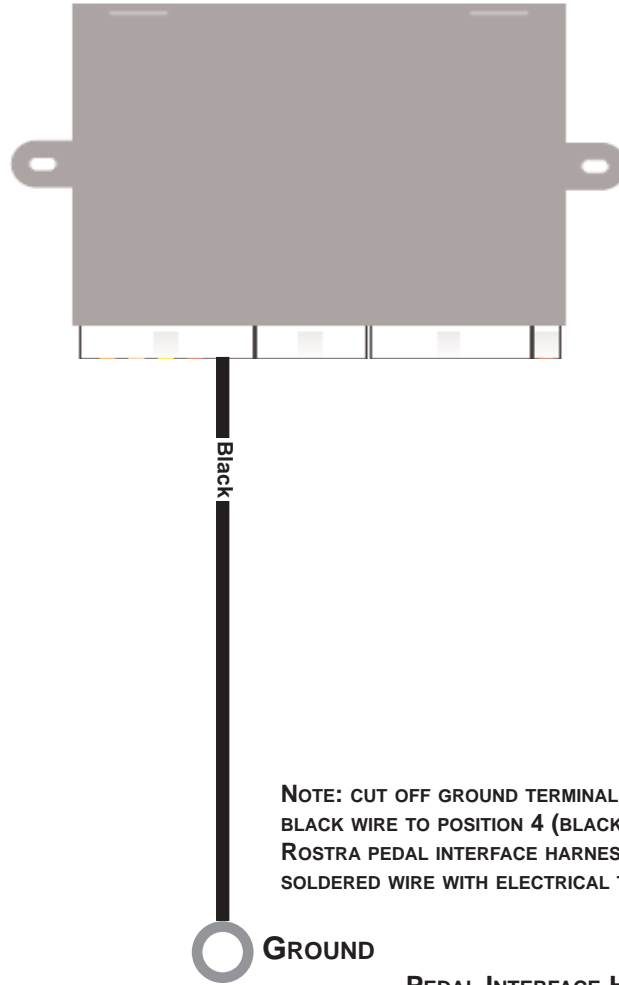


CONNECT TO THE
ACCELERATOR PEDAL

IGNITION
RED WIRE

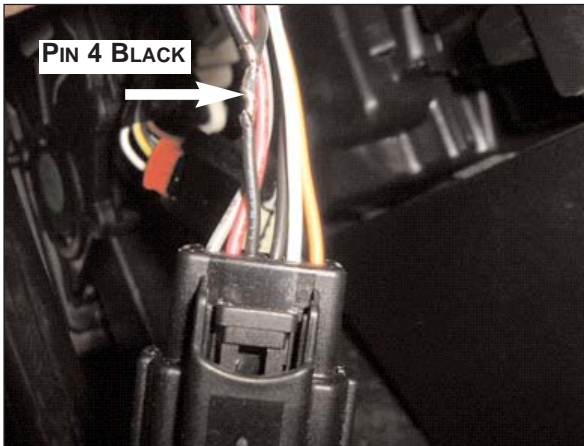
BEHIND DRIVER'S KICK PANEL



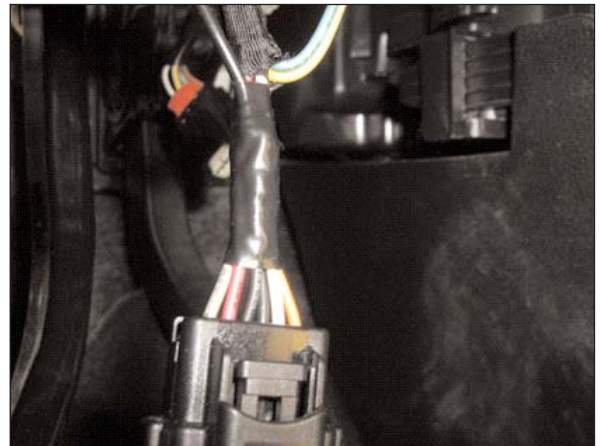


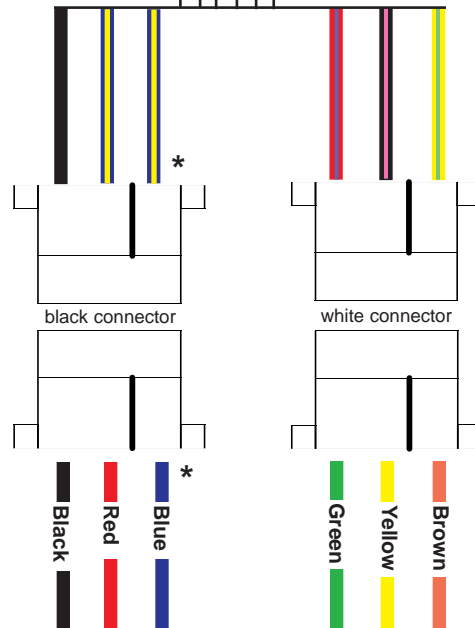
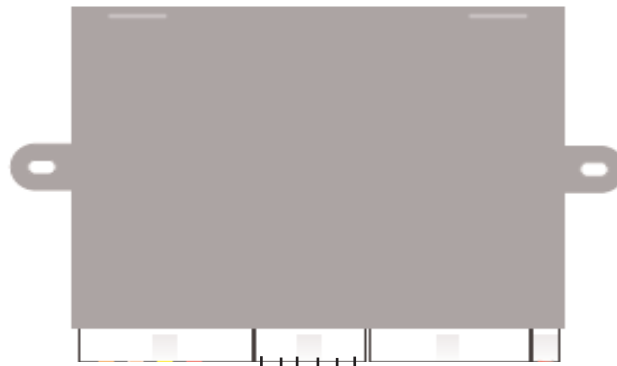
NOTE: CUT OFF GROUND TERMINAL AND SOLDER BLACK WIRE TO POSITION 4 (BLACK WIRE) OF ROSTRA PEDAL INTERFACE HARNESS. WRAP SOLDERED WIRE WITH ELECTRICAL TAPE.

PEDAL INTERFACE HARNESS




PEDAL INTERFACE HARNESS

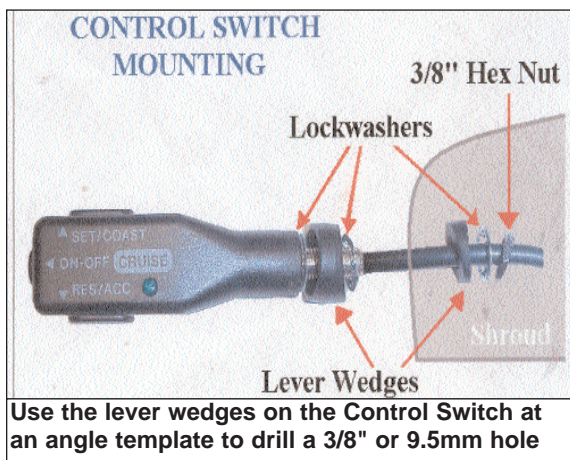


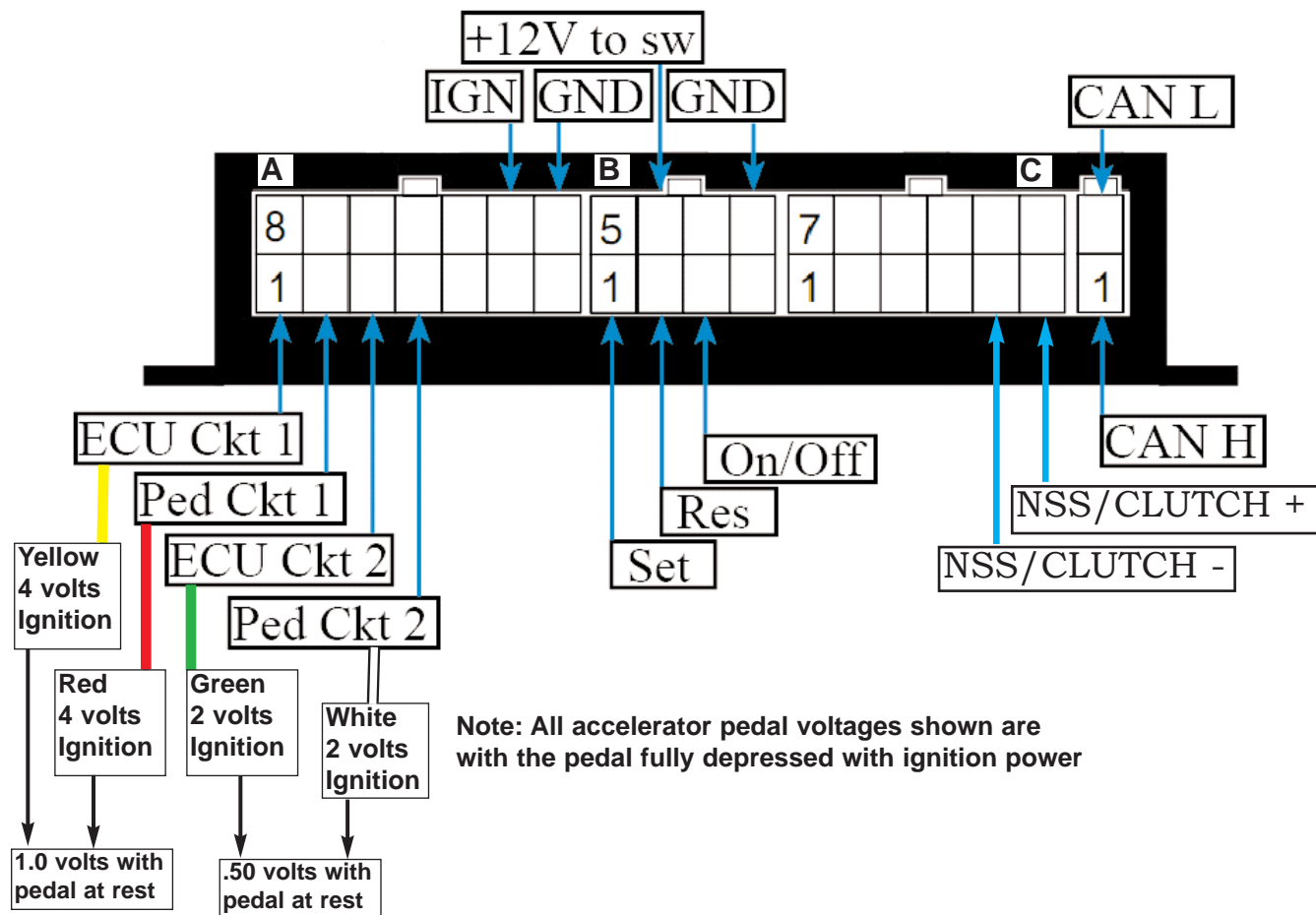


| Switch Harness | Rostra Switch |
|----------------|---------------|
| BLACK | BLACK |
| BLUE/YELLOW | RED |
| BLUE/YELLOW* | BLUE* |
| RED/PURPLE | GREEN |
| BLACK/PURPLE | YELLOW |
| YELLOW/GREEN | BROWN |

* 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 8B | RED AND BLUE BLACK | 12V (0) OHMS RESISTANCE TO GROUND | CRUISE LIGHT WILL NOT COME ON IF THESE CONNECTIONS ARE NOT INSTALLED CORRECTLY. |

NOTES:



**Rostra
Precision
Controls, Inc.**