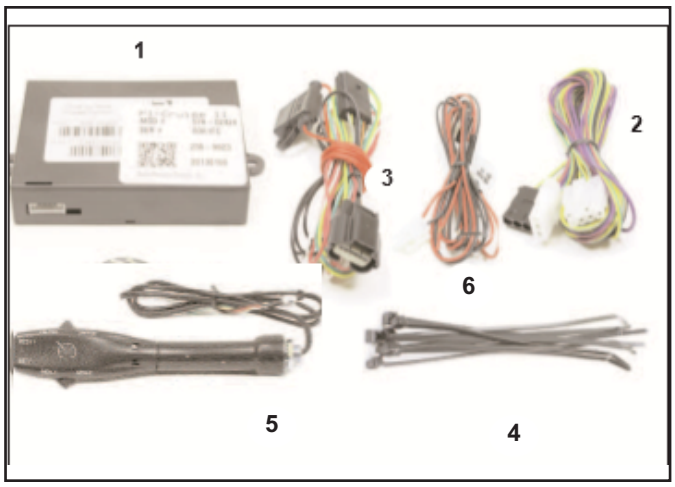
Part Number: 250-9666-NS

General Applicability

This cruise was tested and verified on:
Ford Transit 150, 250, 350

Kit Contents/Service Parts

Item	Qty	Description	Part#
1	1	Cruise Control Module	250-2940
2	1	Switch Harness	250-2760
3	1	Pedal Interface Harness	250-2804
4	1	Hardware Kit	250-2767
5	1	Control Switch	250-2867
6	1	Diagnostics Harness	250-2783



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
10mm 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.

BEFORE INSTALLATION

To make the installation easier the complete installation instructions should be read through before installation is started.

This installation is not a Do-It-Yourself job. The instructions contain important information on how to install the Electronic Cruise Control.

Modern cars are equipped with electronics which can be damaged by inappropriate treatment.

Rostra Precision Controls is not responsible for any error caused by improper 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.

Ensure the part number of the cruise module label matches the part number of the installation instructions.

Save any radio security codes that may be needed after power is restored to the radio .

Find a location to install the cruise module and control switch.

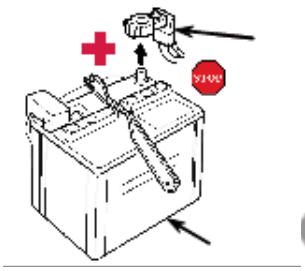
All wire leads must be soldered.

If any wires are unused, trim excess wire and insulate to prevent shorts.

Only use a multimeter to measure voltage.

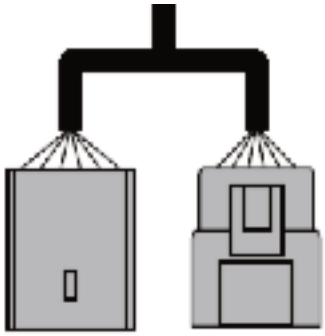
Always perform a complete test drive before fully reassembling the car.

INSTALLATION

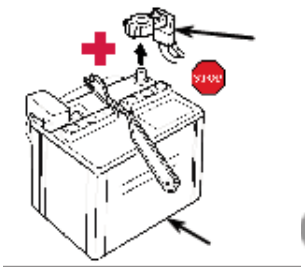


UNPLUG ACCELERATOR PEDAL CONNECTOR AND RUN BYPASS HARNESS IN SERIES AS SHOWN IN PICTURE BELOW.

Connect to the accelerator pedal

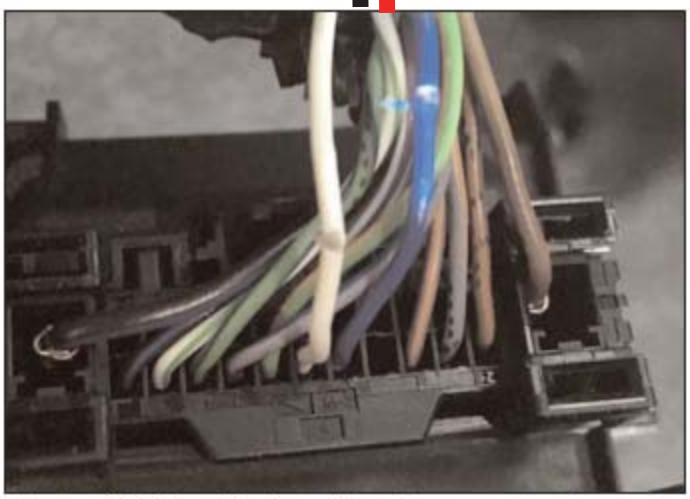


Installation

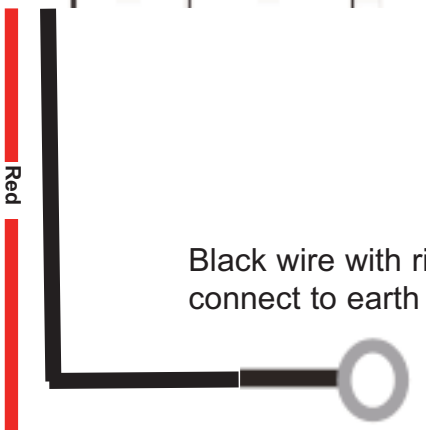


CAN CONNECTION FOR DATA

BLACK CAN - RED CAN +



Note: Vehicles Equip. with gateway connector on back of OBD2 solder cruise Red CAN high wire to Blue wire in position 20. Solder Black CAN low wire to White position 19.

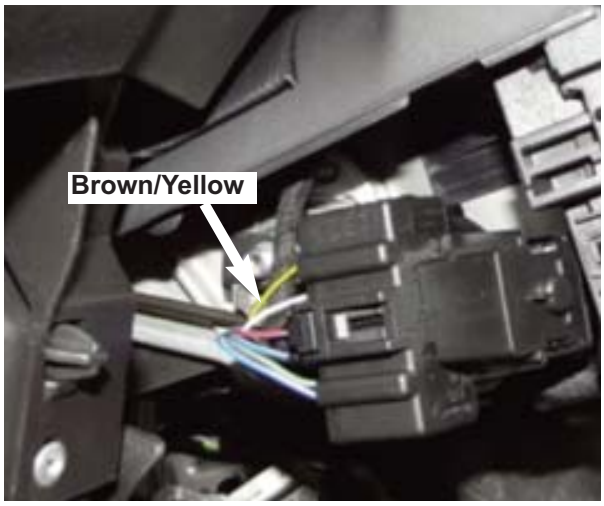


To Ignition

Note: Test the ignition wire on the vehicle before connecting Red wire from cruise system. Check for 12 volts with ignition key on and 0 volts with ignition key off.

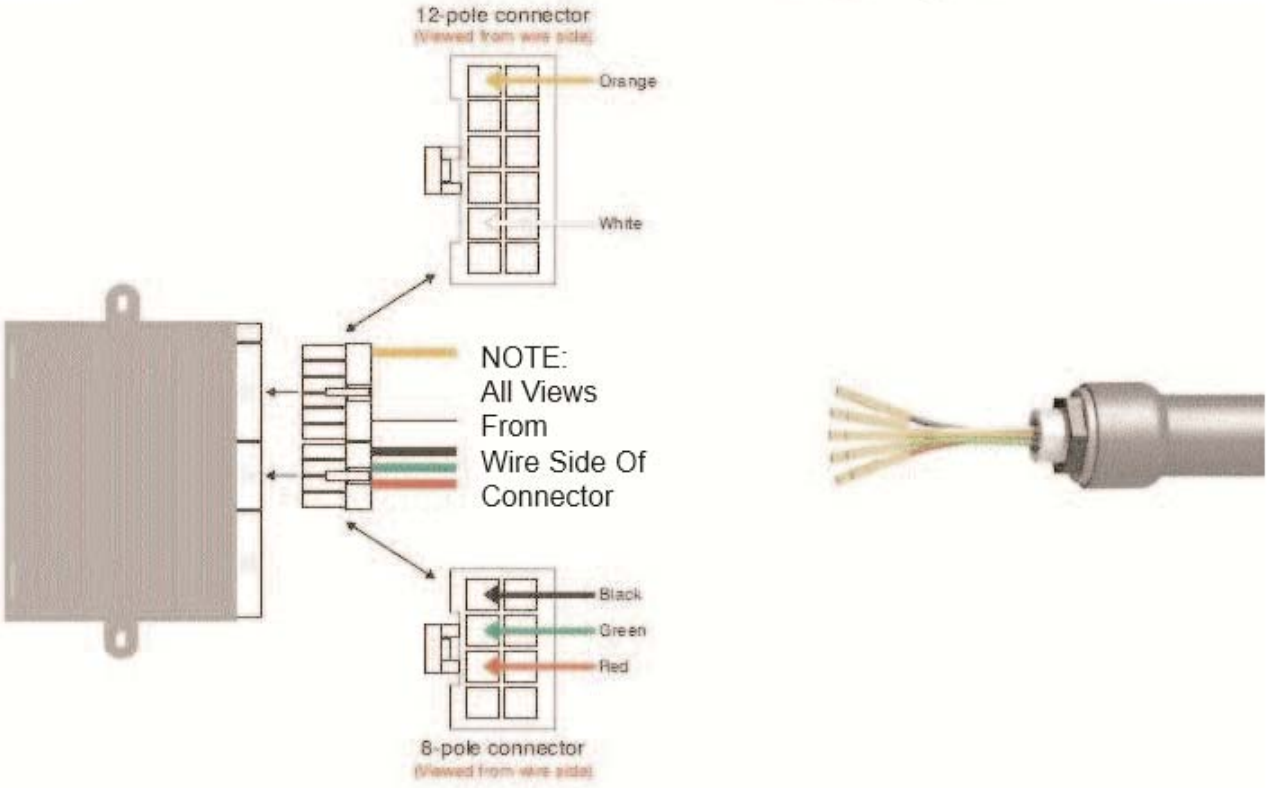
Ford Transit:

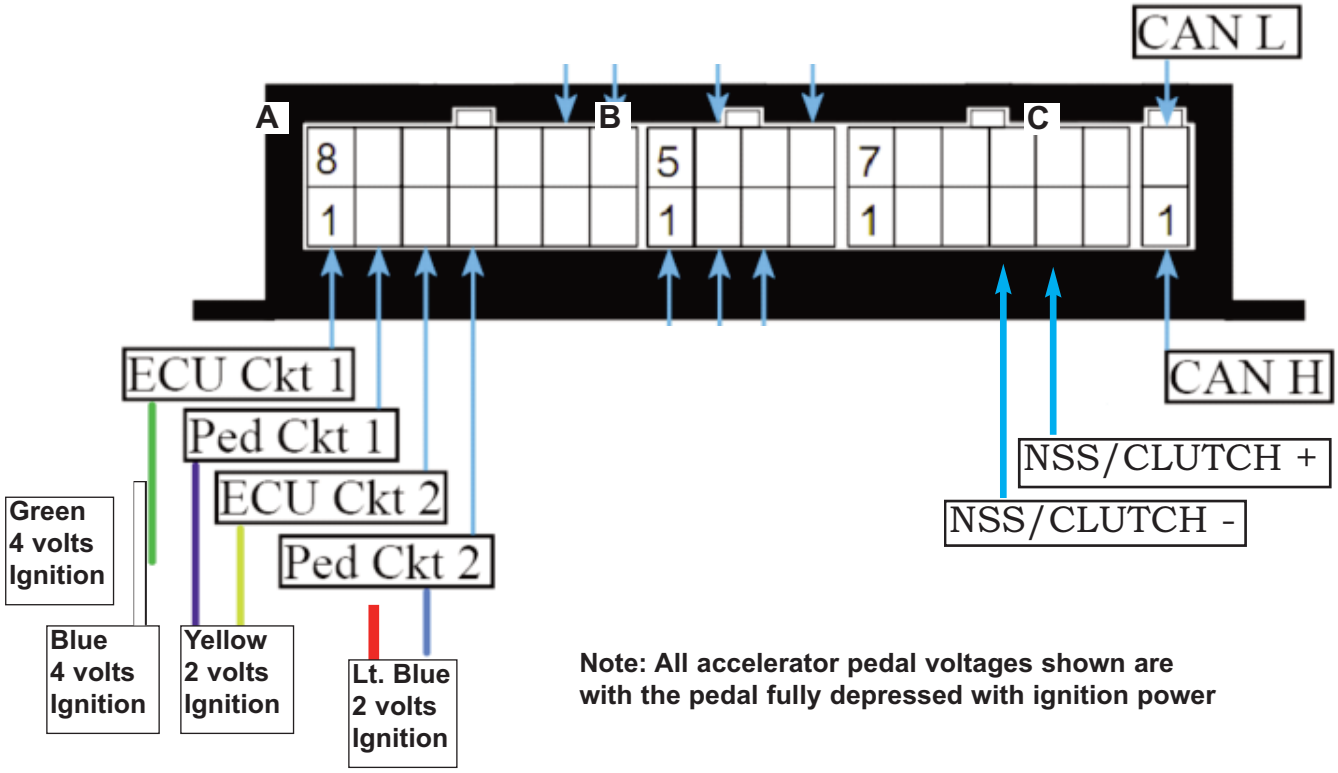
Connect Red ignition wire to Brown/Yellow wire at the ignition switch connector located at left side of steering column.



INSTALLATION

1. Find a suitable position for the switch on the left hand side of the coveringaround the steering column.
2. Mark the position and drill a 3/8 hole.
3. Use the enclosed fittings so the switch is angled to match the OE turn signal switchlever.
4.The switch head can be rotated as desired, and locked with the supplied retainer clip.
5. Insert the wires in the dconnectors to plug into cruise module shown below.





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

Pin	Color	DESIRED RESULTS	FAULT CONDITION
13A	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.
14A	Black	Lowest resistance to ground and closest to zero (0) ohms as possible. Use a vehicle ground point where other ground wires are	A bad ground connection will cause the following conditions: Cruise will not function, loss of pedal or "Limp Mode"
5C	White	Ground active wire at switch when nss/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 nss/clutch is depressed.	