NISSAN NV 2500 2011  ELECTRONIC CRUISE CONTROL KIT
PART NUMBER: 250-9606-NS A/T

GENERAL APPLICABILITY
NV 2500

KIT CONTENTS/SERVICE PARTS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Qty</th>
<th>DESCRIPTION</th>
<th>PART#</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Cruise Control Module</td>
<td>250-2902</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Diagnostics Harness</td>
<td>250-2785</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Pedal Interface Harness</td>
<td>250-2823</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Control Switch</td>
<td>250-2867</td>
</tr>
</tbody>
</table>

HARDWARE BAG CONTENTS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Qty</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8</td>
<td>Wire Zip Ties</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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)
14-MM WRENCH
SOLDERING TOOL
SPECIAL CHEMICALS

CONFLICTS

NOTE:

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.

FORM #5592, REV. A, 07-15-2015
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.

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 multimeter to measure voltage.

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

All wire leads must be soldered.
Connect data harness cap to OBD2 connector or Optional. Cut the Rostra connector off and solder wires: Red Wire to Pin 6, Black Wire to Pin 14.

Optional

Connect to the accelerator pedal

Connect red wire from cruise harness to green wire in fuse box and confirm with meter.
1. Find a suitable position for the switch on the left hand side of the covering around 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 switch lever.
4. The switch head can be rotated as desired, and locked with the supplied retainer clip.
5. Insert the wires in the connectors to plug into cruise module shown below.

⚠️ Do not drill hole for control switch before testing the cruise system.
**ELECTRONIC CRUISE CONTROL KIT**

**Green**
4 volts Ignition

**White**
4 volts Ignition

**Pin Color Desired Results Fault Condition**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Color</th>
<th>Desired Results</th>
<th>Fault Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>13A</td>
<td>RED</td>
<td>+12V when switched on and +OV when switched off. Ignition must be greater than +10V while cranking vehicle.</td>
<td>No power, voltage drop, or intermittent connection will cause loss of pedal or &quot;Limp Mode&quot; condition.</td>
</tr>
<tr>
<td>14A</td>
<td>BLACK</td>
<td>Lowest resistance to ground and closest to zero (0) ohms as possible. Use a vehicle ground point where other ground wires are connected to.</td>
<td>A bad ground connection will cause the following conditions: Cruise will not function, loss of pedal or &quot;Limp Mode&quot; condition.</td>
</tr>
<tr>
<td>1B</td>
<td>GREEN</td>
<td>Set/Coast: 12V press and hold set</td>
<td>Cruise will not set if this connection is not installed correctly.</td>
</tr>
<tr>
<td>2B</td>
<td>YELLOW</td>
<td>Resume/Accel: 12V press and hold resume</td>
<td>Cruise will not resume or accel if this connection is not installed correctly.</td>
</tr>
<tr>
<td>3B</td>
<td>BROWN</td>
<td>On/Off: 12V press on</td>
<td>Cruise will not set if this connection is not installed correctly.</td>
</tr>
<tr>
<td>6B</td>
<td>RED AND BLUE</td>
<td>12V</td>
<td>Cruise light will not come on if these connections are not installed correctly.</td>
</tr>
<tr>
<td>8B</td>
<td>BLACK</td>
<td>(0) ohms resistance to ground</td>
<td></td>
</tr>
</tbody>
</table>