**GENERAL APPLICABILITY**

**THIS CRUISE WAS TESTED AND VERIFIED ON:**
ALL MODELS

**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>250-2865</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>SWITCH HARNESS</td>
<td>250-2760</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>PEDAL INTERFACE HARNESS</td>
<td>250-2864</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>HARDWARE KIT</td>
<td>250-2767</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>CONTROL SWITCH</td>
<td>250-3742</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>DIAGNOSTICS HARNESS</td>
<td>250-2828</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>

**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 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

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.
**DODGE / MERCEDES SPRINTER 2007-**

**ELECTRONIC CRUISE CONTROL KIT**

**INSTALLATION**

**10mm Wrench**

**Negative Battery Cable**

**Battery**

**Fig. 1-1**

- **Remove driver side dash end panel**
- **Connect to the accelerator pedal**
- **To CAN bus**
  - Brown/Red CAN hi
  - Brown CAN lo
- **Red Can Hi**
- **Black Can Lo**

**CAN bus location**
Connect Red Ignition wire to black/pink wire at fuse box behind driver side lower dash panel.

Fuse Box

Black/Pink
Dodge / Mercedes Sprinter 2007-

Electronic Cruise Control Kit

Installation

Use the lever wedges on the Control Switch at an angle template to drill a 3/8" or 9.5mm hole.

*Order of Placement is not critical

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

Control Switch Mounting

3/8" Hex Nut

Lockwashers

Lever Wedges

Shroud
### Pin Color and Description

#### Pin 13A: Red
- **Desired Results:** +12V when switched on and +OV when switched off. Ignition must be greater than +10V while cranking vehicle.
- **Fault Condition:** No power, voltage drop, or intermittent connection will cause loss of pedal or "Limp Mode" condition.

#### Pin 14A: Black
- **Desired Results:** Lowest resistance to ground and closest to zero (0) ohms as possible. Use a vehicle ground point where other ground wires are connected to.
- **Fault Condition:** A bad ground connection will cause the following conditions: Cruise will not function, loss of pedal or "Limp Mode" condition.

#### Pin 1B: Green
- **Set/Coast:** 12V press and hold set
- **Fault Condition:** Cruise will not set if this connection is not installed correctly.

#### Pin 2B: Yellow
- **Resume/Accel:** 12V press and hold resume
- **Fault Condition:** Cruise will not resume or accel if this connection is not installed correctly.

#### Pin 3B: Brown
- **On/Off:** 12V press on
- **Fault Condition:** Cruise will not set if this connection is not installed correctly.

#### Pins 6B and 8B: Red and Blue/Black
- **Desired Results:** 12V (0) ohms resistance to ground
- **Fault Condition:** Cruise light will not come on if these connections are not installed correctly.

#### Pin 5C: White
- **Ground active wire at switch when NSS/clutch is depressed.
- **Fault Condition:** Cruise will not function if wrong wire is connected -OR- Cruise will not disengage when clutch is depressed.

#### Pin 6C: Yellow
- **Desired Results:** +12V active wire at switch when NSS/clutch is depressed.

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