



2008-2018 Dodge Caravan Install Guide

This guide will show the proper procedures to install a Dual-Vision XC4 Camera in a 2008-2018 Chevy Express Van. Please review the Installation Guidelines for grounding and making connections prior to installing.

After testing and verifying power wires, disconnect the negative battery terminal to prevent any accidental shorts or blown fuses

Verify no vehicle service lights are on prior to installation. Contact a Fleet Manager immediately if the vehicle has any damage

Revised May 3rd, 2018 – Constant wire location changed

UPDATED October 15th, 2018

NEW PART

Harness DV457 is needed if trigger wires are being connected

For Technical Support please contact our support team at:

Techsupport@Roscovision.com



Gray – Caution

Red – Warning

Blue – Extra Installation Parts Needed

Purple – New Installation





2008-2018 Dodge Caravan Install Guide

Before starting your install, its best to prep the windshield for recorder mounting

Giving the VHB tape time to cure before mounting the Recorder will give you a permanent bond and prevent recorders from falling.

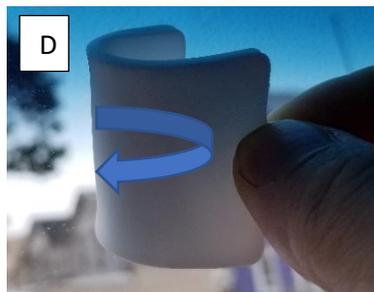


- A- Squeeze to release primer and apply to the windshield
- B- Apply Primer to the bracket
- C- Wait for the primer to dry leaving a dull haze on the windshield

IMPORTANT: VHB Tape should only be applied when windshield temperature is within 50°F-100°F (10°C-38°C) to allow proper curing of mounting adhesive pads.

Run the defrost on high heat or use a heat gun in colder temperatures

After windshield is the correct temperature apply the VHB tape marked **PERMANENT** by rolling the tape on the windshield (D)



Using your thumb push firmly around all edges of the VHB tape

Proceed to the next page for Step 1 of the installation





2008-2018 Dodge Caravan Install Guide

Step 1 – Dash Removal:

- Using a panel tool, carefully pry the side panel of the dash and remove (Photo A)
- Remove the nylon clip holding the lower dash (Photo B)



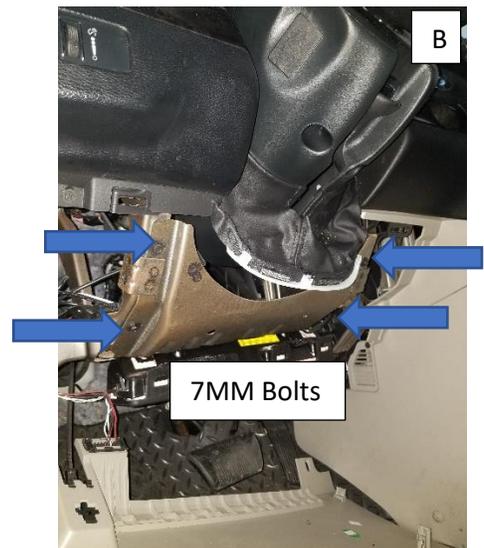
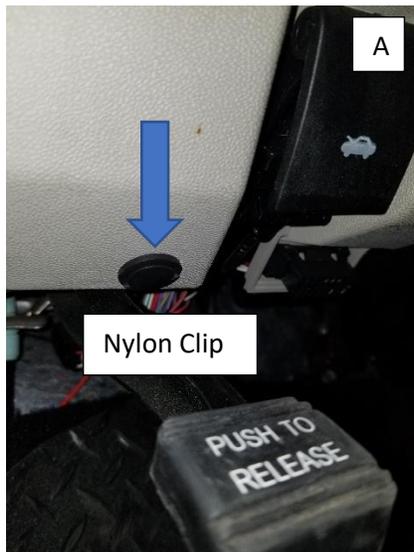


2008-2018 Dodge Caravan Install Guide

Dash Removal (Continued):

- Remove the two nylon clips on both sides of the lower dash panel (Photo A)
- Remove the four 7MM bolts securing the metal dash panel (Photo B)

DO NOT UNPLUG THE AIRBAG HARNESS! THE AIRBAG IS ATTACHED TO THIS BRACKET. USE CAUTION WHEN REMOVING THIS PANEL

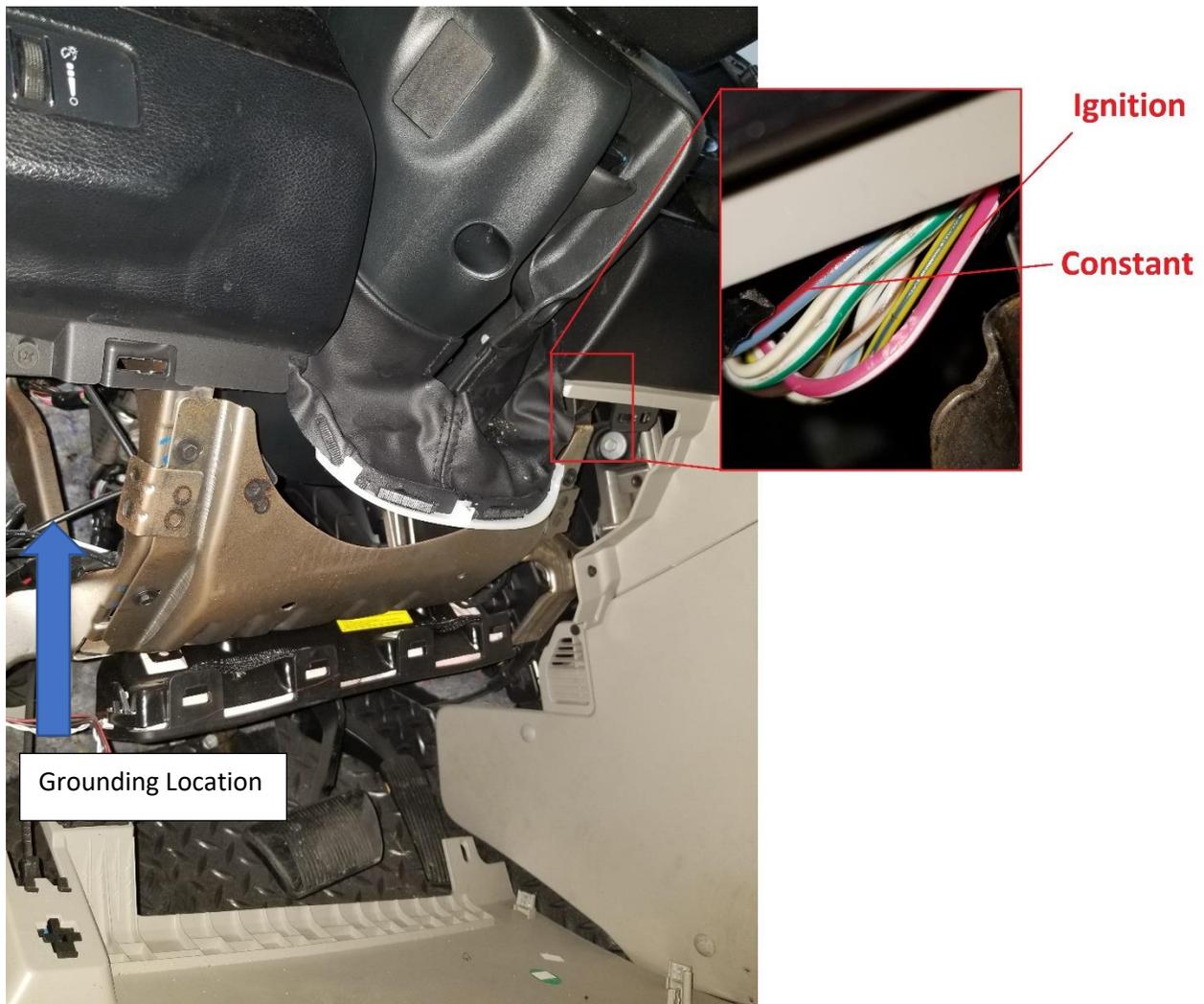




2008-2018 Dodge Caravan Install Guide

Step 2- Power Connections:

- The Constant & Ignition wires are located at the ignition switch harness
- Connect the RED constant wire to the vehicles Lt Blue/Red wire
- Connect the YELLOW ignition wire to the vehicles Pink/White wire
- Connect the BLACK ground wire to the metal support bracket. Be sure to follow the Proper Grounding Procedure Guideline



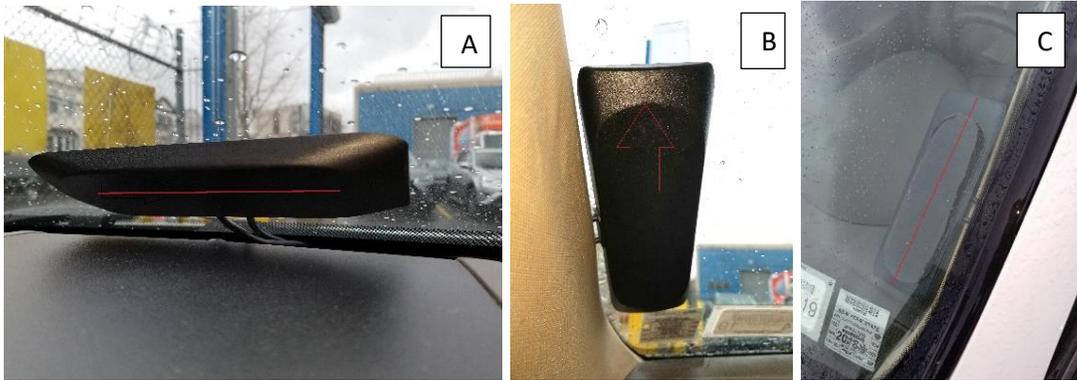


2008-2018 Dodge Caravan Install Guide

Step 3 - Antenna Mounting:

The Manufacture recommends mounting the antenna on the windshield

Mount the antenna on the same side of the vehicle as the PDC



Notice the angled part of the antenna is on the **inside** of the vehicle (Photo A & B). Make sure the **FLAT SIDE** of the antenna has a **CLEAR VIEW OF THE SKY** and is facing **OUTSIDE** (Photo C)



After all connections are made, coil up all the extra antenna cable (Photo A)

Never bend the cable. This will cause signal loss and damage to the antenna (Photo B)

Please refer to the Antenna Installation Guideline for complete details





2008-2018 Dodge Caravan Install Guide

Step 4 - PDC & Modem Connections:

- Connect the USB cable from the modem to the PDC and secure with a zip tie (Photo A)
- Connect the Antenna cable to the modem (Photo B)
- Make these connections prior to mounting the modem & PDC
- Make sure the screw on the modem cover is secured and doesn't move or bend (Photo C)



Connect the MIMO 1 antenna wire to the Modems PRI connector



Connect the MIMO 2 antenna wire to the Modems DIV connector





2008-2018 Dodge Caravan Install Guide

Step 5 - Modem & PDC Mounting:

- The Modem & PDC are mounted on the left side of the lower dash, behind the headlight controls (Photo A)
- Secure the modem to the metal support bracket with a zip tie (Photo B)





2008-2018 Dodge Caravan Install Guide

IT'S IMPORTANT TO NEATLY ZIP TIE WIRES TO A FACTORY BRACKET OR HARNESS TO PREVENT FROM FALLING. KEEP AWAY FROM THE STEERING FUNCTIONS AND ANY MOVING PARTS

Step 6 – Wire Routing:

- Bundle up the extra wire and zip tie it to the factory bracket or harness in the top of the dash cavity
- Follow factory wires when routing and stay clear of steering wheel tilt, or parking brake mechanism
- There is a lot of room behind the dash to route and store the extra cable neatly
- DO NOT BEND THE EXTRA ANTENNA WIRE. COIL IT UP AND SECURE WITH A ZIP TIE



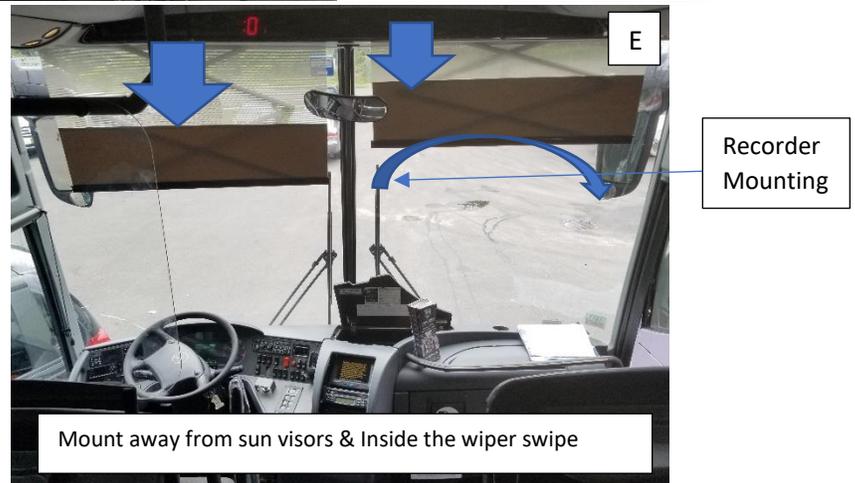
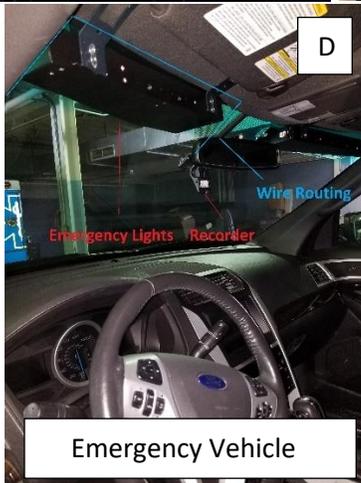
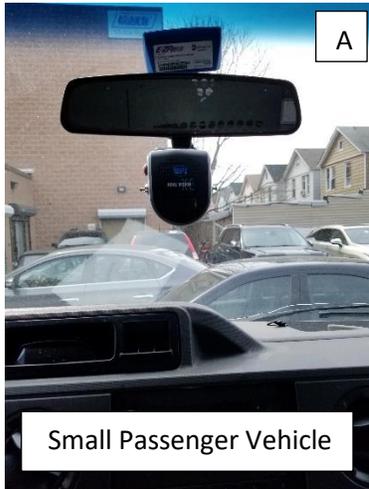
**PLEASE READ THE RECORDER MOUNTING & VHB TAPE INSTALLATION GUIDELINE BEFORE
PROCEEDING TO THE NEXT STEP**





2008-2018 Dodge Caravan Install Guide

Step 7 - Recorder Mounting:



For small passenger vehicles, mount the Recorder under the rear-view mirror (Photo A).

If the vehicle has any factory sensors under the rear-view mirror, mount the Recorder to the right of the mirror, not causing a distraction to the driver (Photo B).

For larger trucks or busses (With split windows), mount the Recorder on the right panel (Photo C) and INSIDE the wiper swipe. Keeping the Recorder INSIDE the swipe will ensure rain or snow will not interfere with the video.

When working on emergency vehicles use extreme caution when routing wires around emergency lights and equipment (Photo D)

Always pull down the vehicles sun visors to make sure they don't block or interfere with the Recorder or the video (Photo E). Notice the swipe of the wiper blades. For vehicles like this, mount the Recorder under the visor, inside the swipe.



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2008-2018 Dodge Caravan



2008-2018 Dodge Caravan Install Guide

To verify proper angle & correct mounting, press the driver activity button. Login to your Rosco account and view activity to confirm proper angle

The screenshot shows a web browser window displaying the Rosco fleet management interface. The main content area features a live video feed of a white Dodge Caravan in a garage. The video feed includes a timestamp '2018/05/10 07:57:22', channel information 'CH1 Q1 4FPS ROSCO', and a signal strength indicator 'RSSI: -55'. Below the video are four numbered buttons (1, 2, 3, 4) and a search bar with 'Search' and 'Clear Search' buttons. To the right of the video is a table with two columns: 'Status' and 'Live Video'. The table contains ten rows of data, alternating between 'Offline' and 'Online' status, each with a 'Launch' button. Below the table is a checkbox for 'Limit Allowed Assets' which is checked, and a text input field for 'Allowed Assets' with the value '70'.

Status	Live Video
Offline	Launch
Offline	Launch
Offline	Launch
Online	Launch
Online	Launch
Offline	Launch
Offline	Launch
Offline	Launch
Offline	Launch
Offline	Launch

