



## 2013 Mack Truck Installation Guide

This guide will show the proper procedures to install a Dual-Vision XC4 Camera in a 2016-2017 Mack Truck. Please review the Installation Guidelines for grounding and making connections prior to installing.

For Technical Support please contact our support team at:

[Techsupport@Roscovision.com](mailto:Techsupport@Roscovision.com)

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

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

UPDATED October 15<sup>th</sup>, 2018

\*\*\*NEW PART\*\*\*

\*\*\*Harness DV457 is needed if trigger wires are being connected\*\*\*



Gray – Caution

Red – Warning

Blue – Extra Installation Parts Needed

Purple – New Installation



Version 4.10.2

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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.

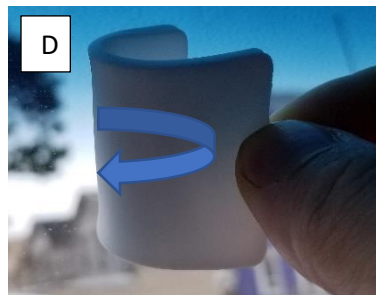


- A- Squeeze to release primer and apply to the windshield
- B- Apply Primer to the bracket
- C- Wait for the primer to dry leaving a dull haze on the windshield

**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





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## Installation Layout

### PDC/Modem & Power Connections



### Recorder



### Antenna



### Driver Event Button





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### Step 1 – Dash Removal:

- The vehicles power connections & mounting location will be found on top of the center console (Photo A) under the fuse panel cover
- Remove the three T-30 screws securing the fuse panel cover (Photo B)

A



B



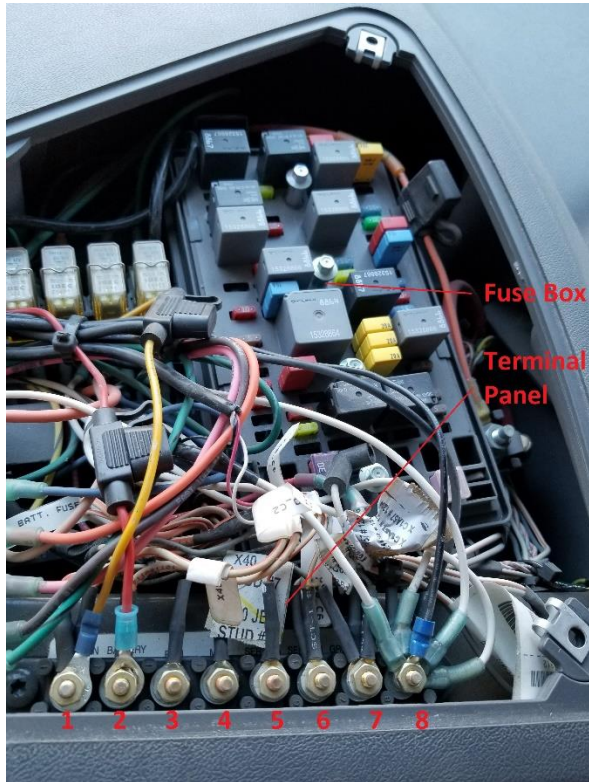


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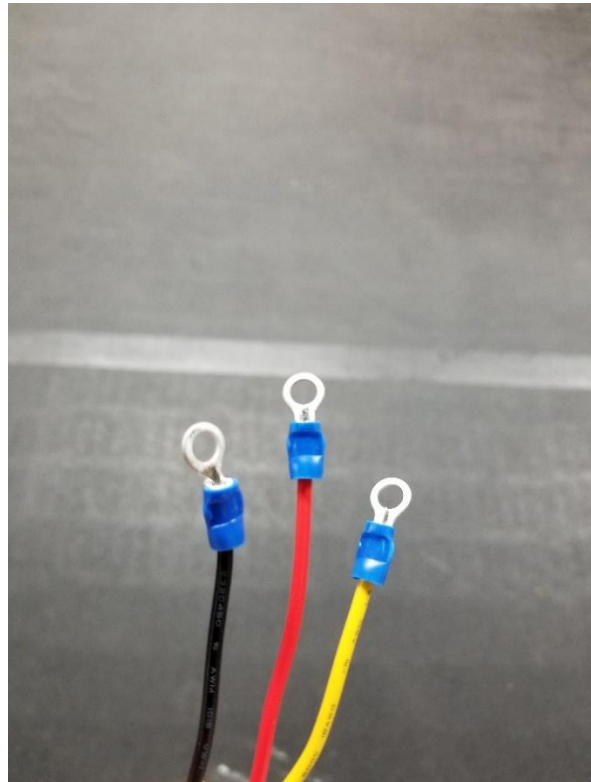
### Step 2- Power Connections:

- The Constant, Ignition, & Ground connections are in the fuse box, on the terminal panel. (Photo C)
- Crimp ring terminals on the constant, ignition, & ground wires of the DVXC4 Recorder power harness (Photo D)

C



D



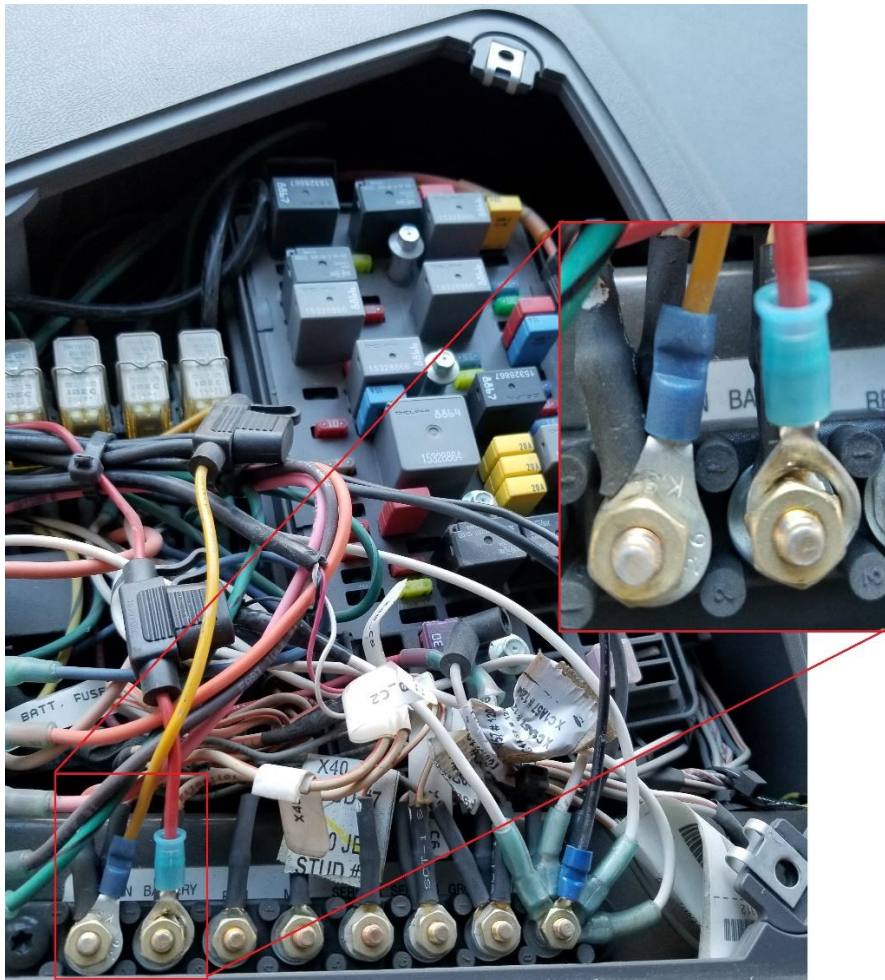


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### Power Connections (Continued)

- Connect the *Yellow ignition wire* to the first Ignition terminal
- Connect the *Red constant wire* to the 2<sup>nd</sup> terminal, & connect the *Black Ground wire* to the 8<sup>th</sup> terminal (Photo E)

E



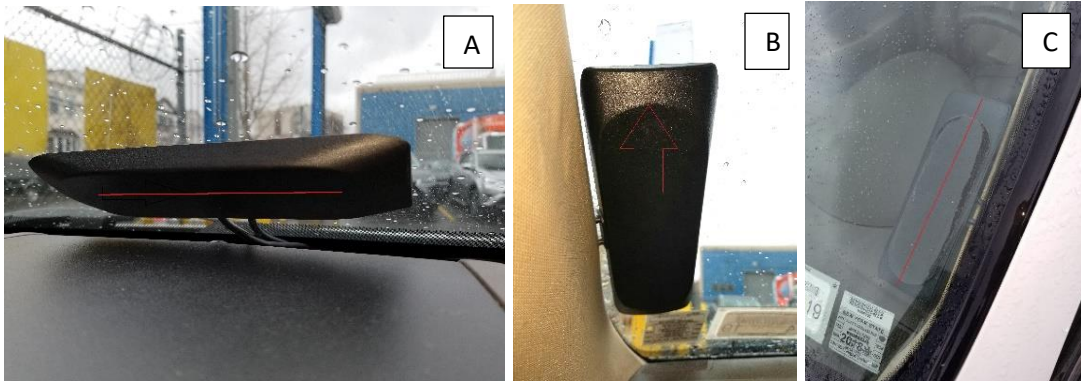


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### Step 3 - Antenna Mounting:

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





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### Step 4 - Driver Event Button:

- The Driver Event button is located on one of the blank plates on the center console (Photo A)
- Using a file carefully notch out the bottom of the blank plate (Photo B)
- Clean the surface with rubbing alcohol and apply pressure for 30 seconds after mounting







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### Step 5 - 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





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### Step 6 - PDC & Modem Mounting Location:

- The PDC & the Modem are located in the fuse box compartment, zip tied to the factory harness
- Neatly Bundle up excess cabling with a zip tie and tie it to a factory harness or panel – **This is very important when working on heavy equipment vehicles. The constant movement and bouncing of the vehicle will cause wiring to fall or become loose.**





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

### Step 7 - Recorder Mounting & Wire routing:

- Mount the Recorder on the right windshield panel (Photo A)
- Make sure to mount the Recorder ***IN THE WIPER SWIPE*** (Notice the area where the wiper does not clear (Blue Arrow))
- **Snow will build up on the side of the windshield and will block the Recorder lens if mounted outside of the swipe**





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### Step 8 - Wire Routing:

- Remove the four (4) T-20 screws securing the passenger side dash panel
- Two screws are on the bottom of the panel & two screws are on the top of the dash closest to the windshield (Photo A)
- Remove the two 13MM bolts securing the handle on the passenger side pillar (Photo B)





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### Wire Routing Continued:



Orange – Antenna Routing

Blue – Recorder Routing

Yellow = Ignition Wire Routing

Red- Constant Wire Routing

Black – Ground Wire Routing





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MAKE SURE THE LENS PROTECTORS ARE REMOVED AFTER YOUR INSTALLATION

PUSH THE DRIVER EVENT BUTTON WHEN COMPLETE

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

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