



2002 Mack Truck Installation Guide

This guide will show the proper procedures to install a Dual-Vision XC4 Camera in a 2002 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

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

UPDATED October 15th, 2018

NEW PART

Harness DV457 is needed if trigger wires are being connected



Gray – Installation Warning

Red – Urgent Warning

Blue – Extra Installation Parts Needed

Purple – New Installation





2002 Mack Truck Installation 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.

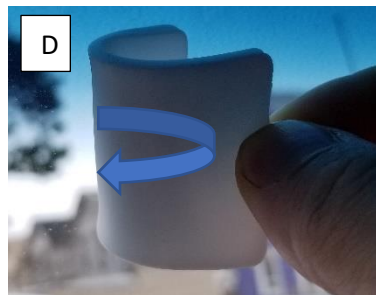


- A- Squeeze to release primer and apply to the windshield
- B- Apply Primer to the bracket
- C- Wait for the primer to dry leaving a dull haze on the windshield

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





2002 Mack Truck Installation Guide

Step 1 – Dash Removal:

- Locate the fuse box panel on the passenger side of the dash (Glove, Photo A)
- Using a flathead screwdriver, remove the screw and open the box (B)
- Using a Philips screwdriver, remove the three screws on the top of the dash (Photo C)



The PDC & Modem are mounted on the top of the dash in the center cavity.
Make sure all components are secured with a zip tie or double side tape.

Tie up any wire slack and store it inside the cavity next to the PDC

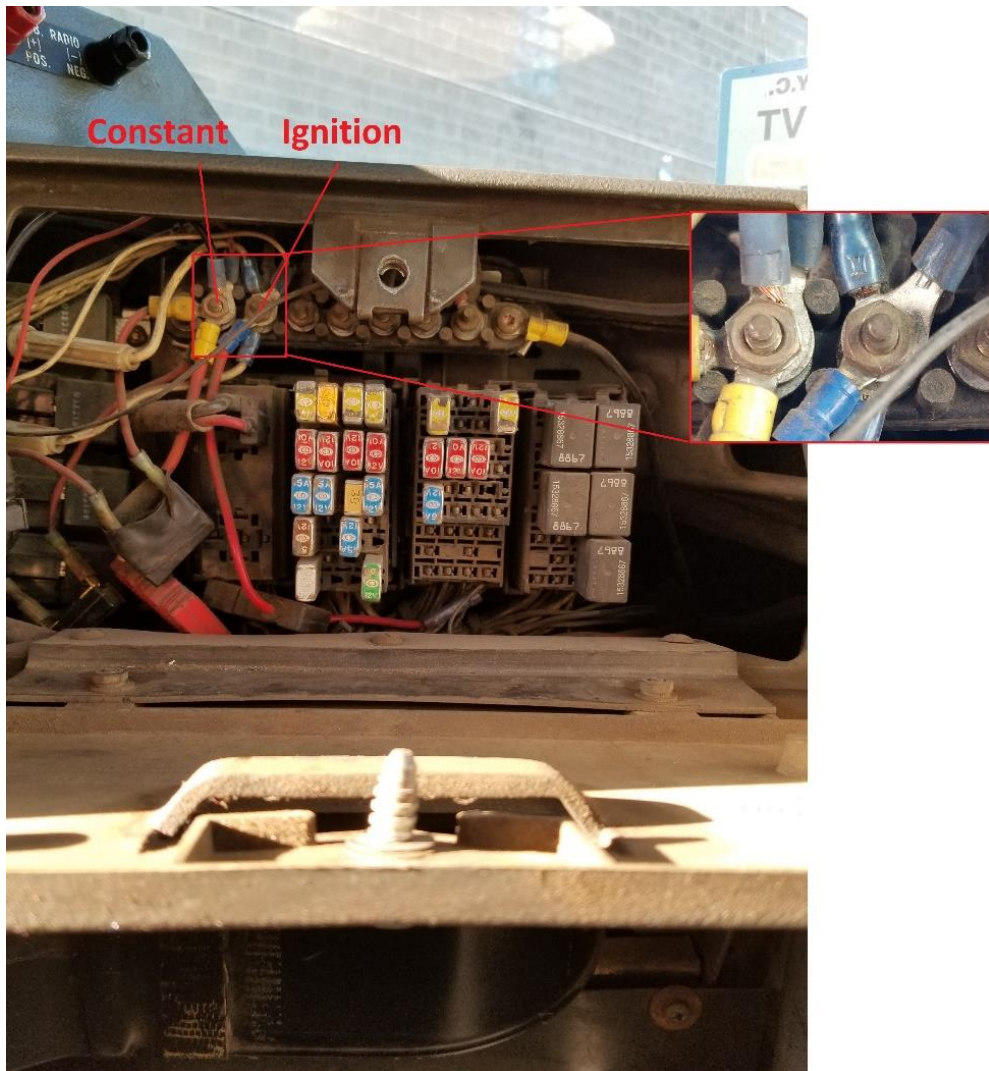




2002 Mack Truck Installation Guide

Step 2- Power Connections:

- The constant & Ignition connections are in the fuse box on the terminal panel
- Crimp ring terminals on the red, yellow & black wires of the DVXC4 power harness
- Connect the RED CONSTANT wire to the first terminal on the vehicles fuse panel
- Connect the YELLOW IGNITION wire to the second terminal on the vehicles fuse panel



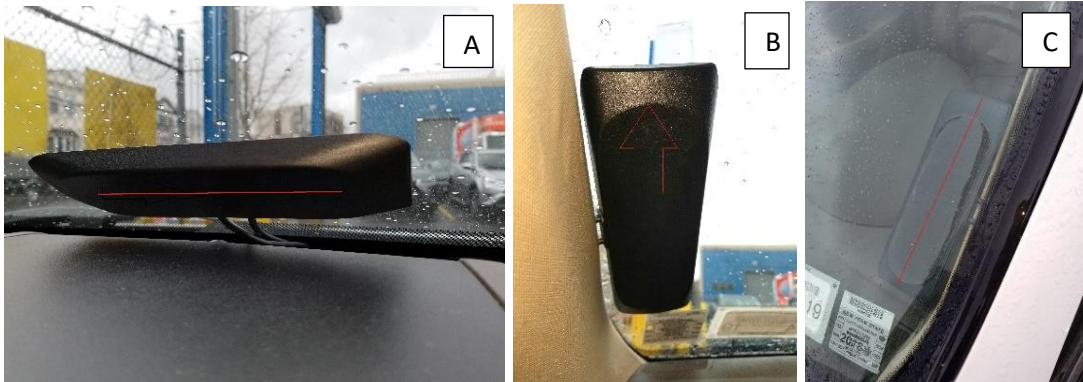


2002 Mack Truck Installation Guide

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





2002 Mack Truck Installation 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





2002 Mack Truck Installation Guide

Step 5 - PDC & Modem Mounting Location:

- The PDC & the Modem are in the cavity on the top of the dash
- Neatly Bundle up excess cabling with a zip tie and secure it to a factory harness or panel next to the PDC – **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.**



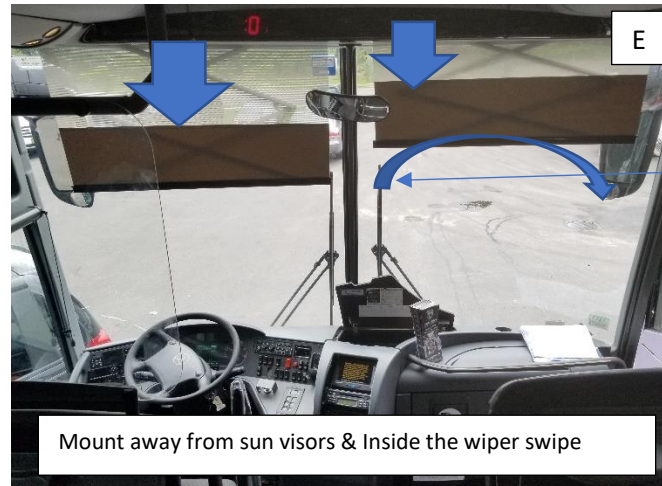
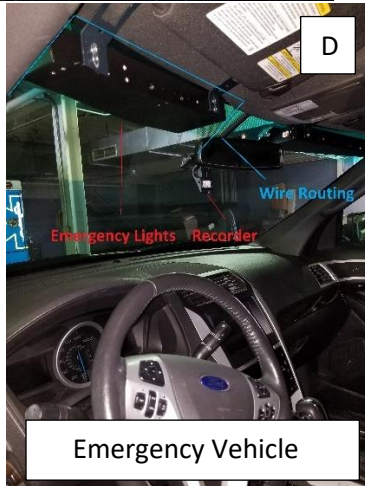
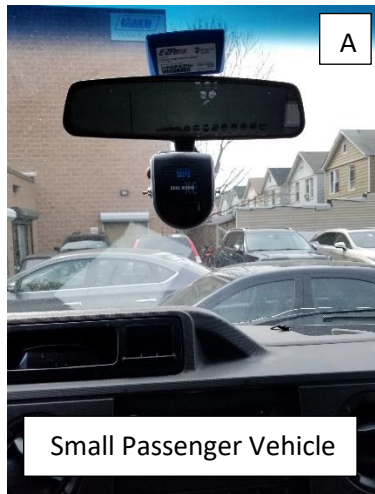
**PLEASE READ THE RECORDER MOUNTING & VHB TAPE INSTALLATION GUIDELINE BEFORE
PROCEEDING TO THE NEXT STEP**





2002 Mack Truck Installation Guide

Step 6 - 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.





2002 Mack Truck Installation Guide

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

The screenshot shows a web browser window displaying a live video feed from a truck. The video feed includes a timestamp '2018/05/10 08:17:00', channel information 'CH1 Q1 4FPS ROSCO', and an RSSI signal strength of '-13'. 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'. Below the table is a checkbox for 'Limit Allowed Assets' and a text input field for 'Allowed Assets' with the value '12'.

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

