



2005 Mack Truck Installation Guide

This guide will show the proper procedures to install a Dual-Vision XC4 Camera in a 2005 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





2005 Mack Truck Installation Guide

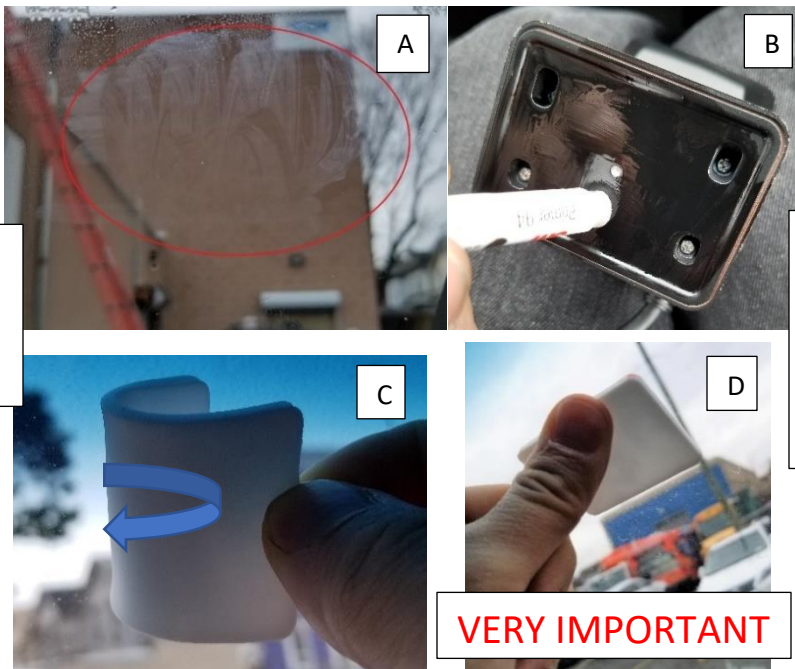
IMPORTANT: Windshield Mounting should only be performed when windshield temperature is within 50°F-100°F (10°C-38°C) to allow proper curing of adhesive.

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

This assumes you have already performed one temporary install to determine proper Recorder location

Before starting your install, Clean the windshield with 70% Isopropyl Alcohol & allow time to dry

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



Do not use any other cleaning product on the windshield!

Commercial glass cleaners contain surfactants & denatured alcohol which can reduce the effectiveness of the adhesive

- A- Apply Primer to the mounting location on the windshield. It will leave a film when dry.**
- B- Apply Primer to the bracket. Leave the bracket on the dash away from contaminants.**
- C- After the primer is dry and the windshield is the correct temperature, apply the VHB tape marked PERMANENT by ROLLING the tape onto the glass to avoid air bubbles.**
- D- VERY IMPORTANT - Push firmly around all edges of the VHB tape. Apply pressure for 30 seconds**

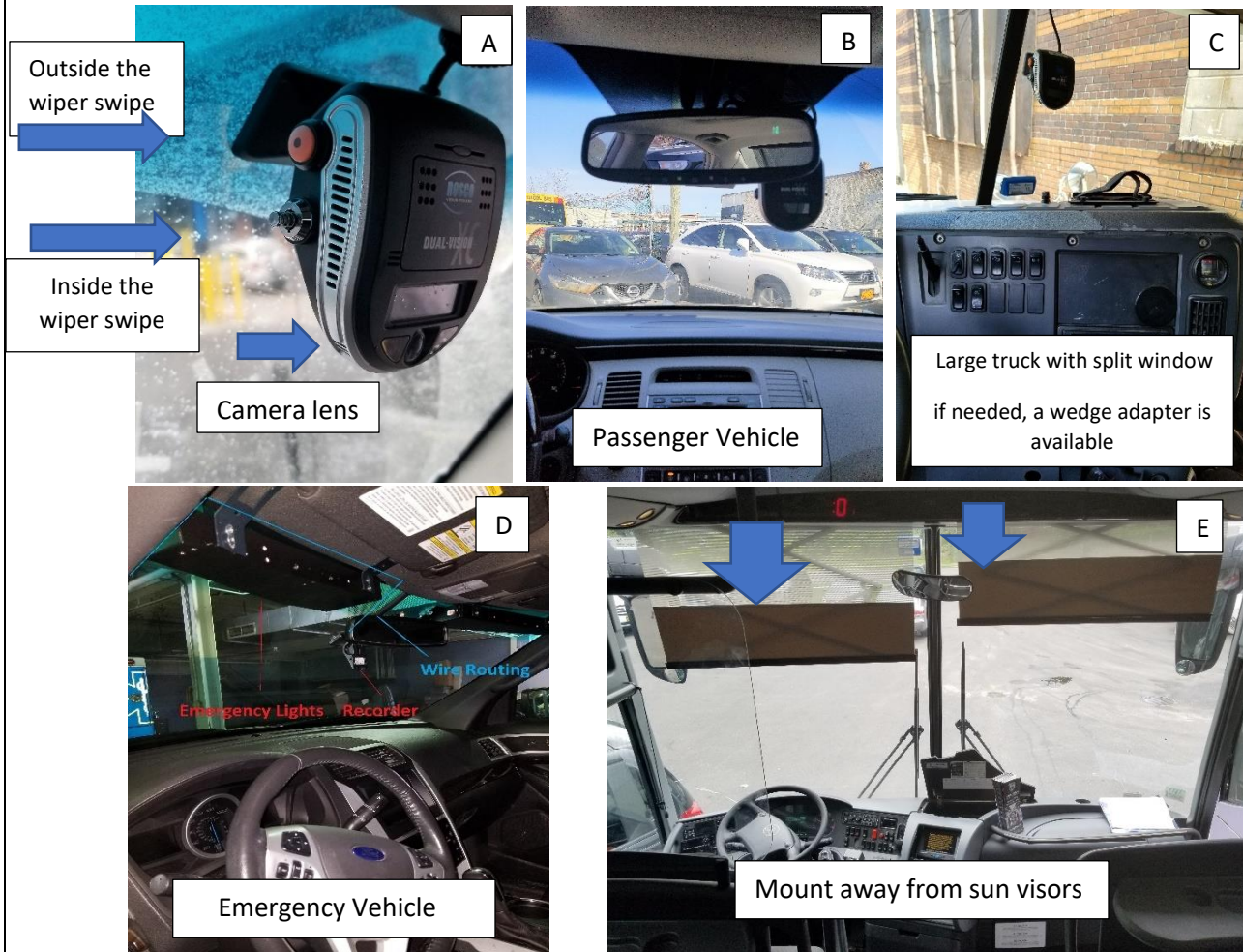
Proceed to the next page for Step 1 of the installation. Apply the bracket to the windshield during the last step of the install





2005 Mack Truck Installation Guide

Mount the bracket in a location that allows the lens to be inside the wiper swipe line (Photo A)



For passenger vehicles, mount the Recorder behind the rear-view mirror towards the passenger side (Photo B).

For larger trucks or buses, mount the Recorder as shown (Photo C) and make sure the lens is **INSIDE** the wiper swipe.

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

Always pull down the vehicle sun visors to make sure they don't block or interfere with the Recorder or the video (Photo E).





2005 Mack Truck Installation Guide

Step 1 – Dash Removal:

- Using a panel tool, remove the passenger side fuse panel, located on the center of the dash, to the left of the vents (Photo A)
- This will give you access for power connections, and mounting locations

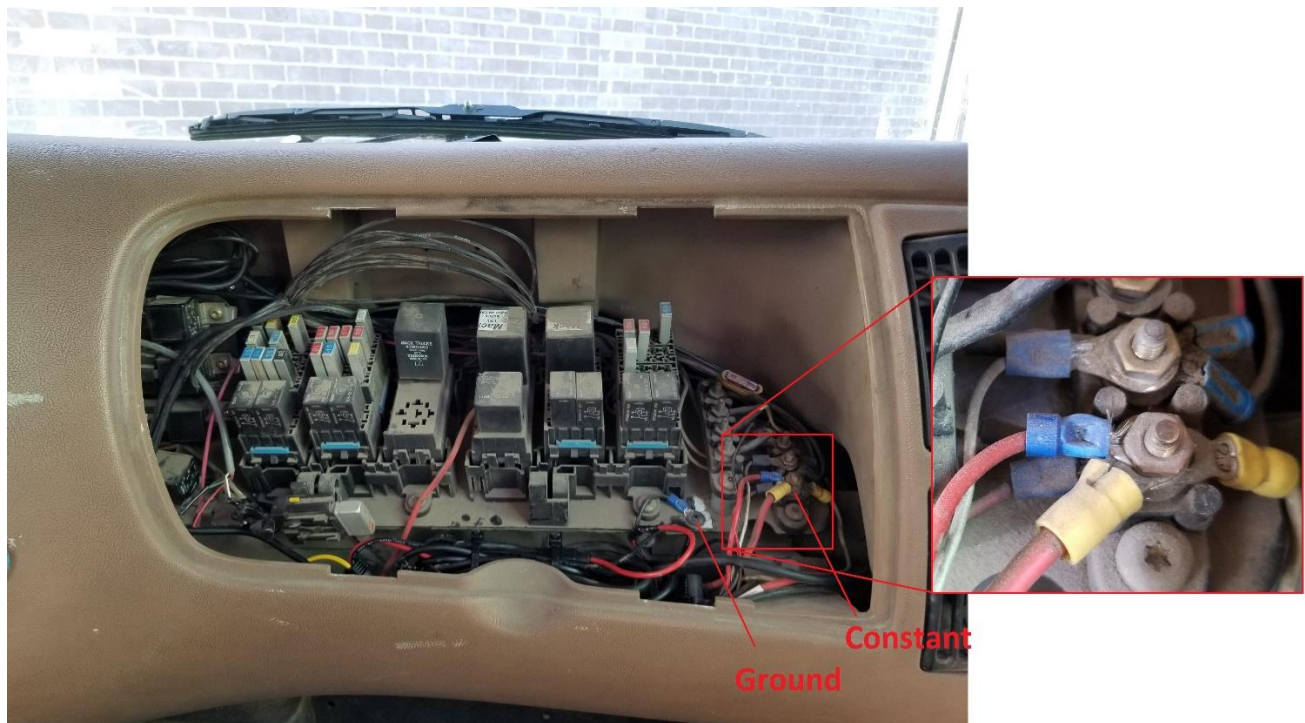




2005 Mack Truck Installation Guide

Step 2- Power Connections:

- The Constant wire is located on the terminal panel, the ignition wire is located at the power outlet plug, and the ground wire is located on the metal bracket, next to the terminal panel
- Crimp a ring terminal on the constant wire of the DVXC4 Recorder power harness
- Connect the RED constant wire to the first terminal of the fuse box as shown below
- Connect the BLACK wire to the metal bracket next to the terminals as shown in the photo below

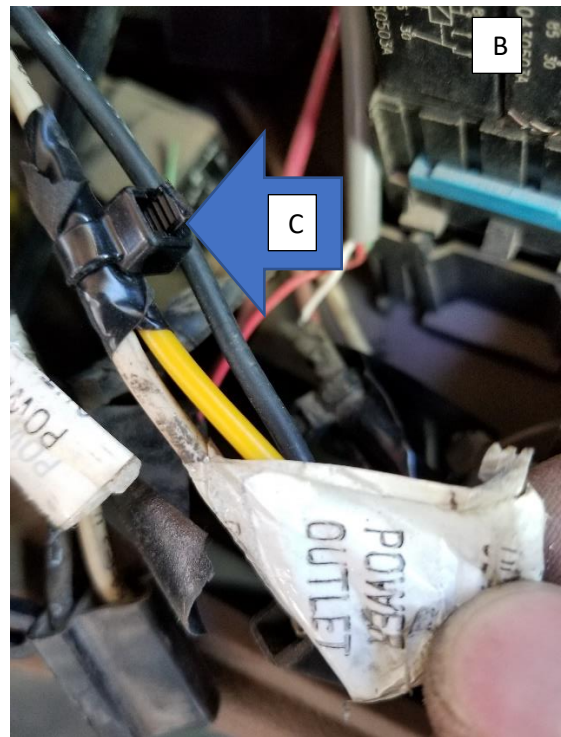




2005 Mack Truck Installation Guide

Step 2- Power Connections (Continued)

- Locate the power outlets on the right side of the dash (Photo A)
- Connect the YELLOW ignition wire to the vehicles WHITE wire (Photo B)
- Make sure to secure the connection with a zip tie as described in the Military Splice Installation Guideline (C)





2005 Mack Truck Installation Guide

Step 3 - Antenna Mounting:

It's important to mount the antenna on the windshield, with a clear view of the sky

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

Front of Antenna (Flat part needs a clear view of the sky). Bottom of Antenna (Curved part) facing inside the vehicle



Notice the angled part of the antenna is facing down (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





2005 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

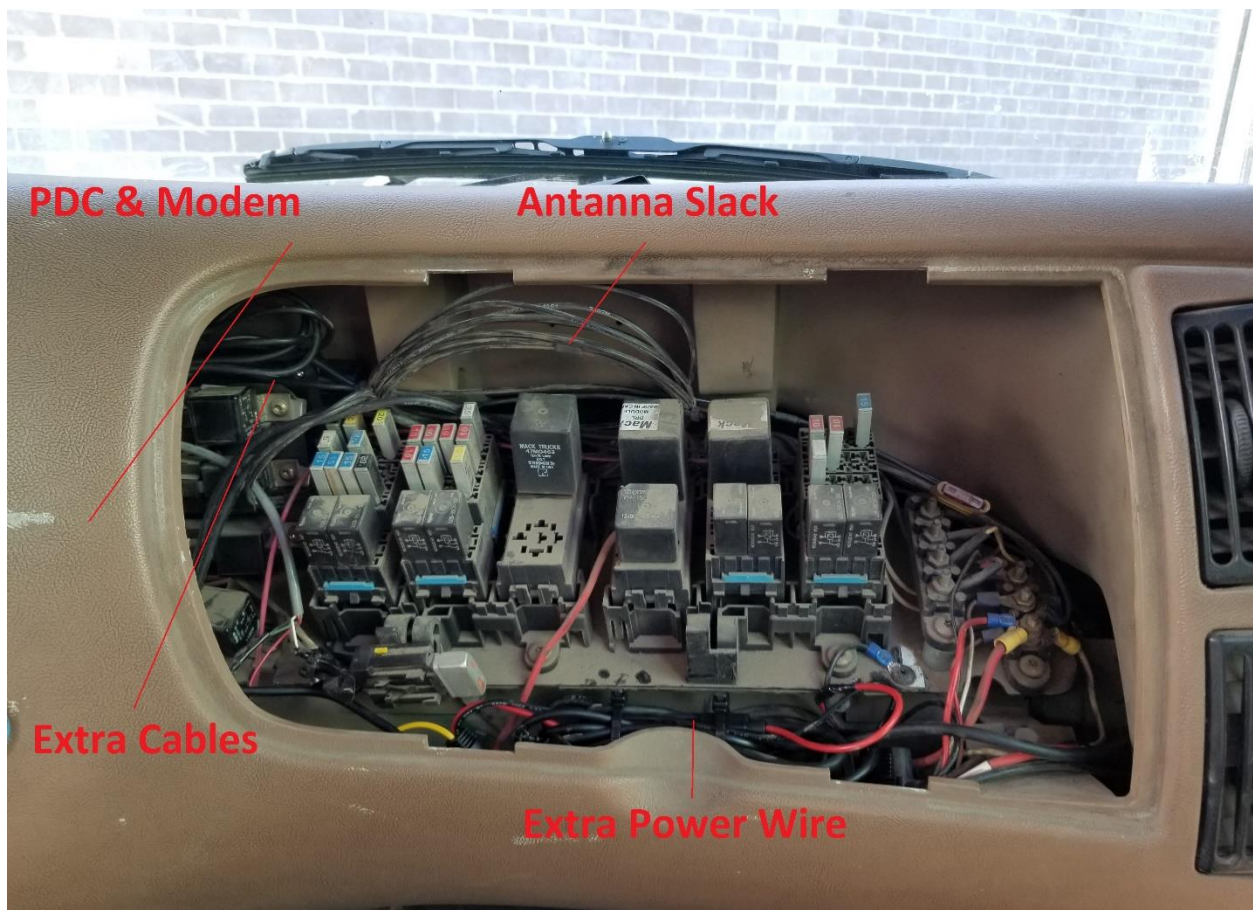




2005 Mack Truck Installation Guide

Step 5 - PDC & Modem Mounting Location:

- The PDC & the Modem are located behind the center console with access from the fuse panel. Zip tie the PDC & Modem to the factory harness & bracket.
- Neatly Bundle up excess cabling with a zip tie and tie 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**





2005 Mack Truck Installation Guide

Step 6 - Camera Mounting and wire Routing:

IMPORTANT: Windshield Mounting should only be performed when windshield temperature is within 50°F-100°F (10°C-38°C) to allow proper curing of adhesive

At this point you can now mount the Recorder bracket to the VHB tape applied to the windshield on Step 1

Mount the bracket to the VHB tape and apply pressure for 30 seconds (A)

With the vehicle off, hook the Recorder to the bracket from the top (1), then swing down (2)





2005 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

Truck 26 - Live - Microsoft Edge

www.roscolive.com/Administration/Fleets/EditFleet.aspx?f=70

Welcome Chris
Home | System Administration | Logout

https://rosco.roscolive.com/rosco/video/html5video.html?fleetToken=856822940&assetID=93917746

2018/05/10 08:17:00 CH1 Q1 4FPS ROSCO

RSSI: -13

1 2 3 4

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

Search Clear Search

☒ Limit Allowed Assets

Allowed Assets 12

