



# 2004-2008 Ford F-150 Install Guide

This guide will show the proper way to install a Dual-Vision XC4 Camera in a 2004-2008 Ford F150. Please review the Installation Guidelines for grounding and making connections prior to installing. In this guide you will find dash removal, wire locations, & mounting locations.

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\*\*\*

For Technical Support please contact our support team at:

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



Gray – Installation Warning

Red – Urgent Warning

Blue – Extra Installation Parts Needed

Purple – New Installation



Version 6.2.2

Proprietary and Confidential

2004-2008 Ford F-150



# 2004-2008 Ford F-150 Install Guide

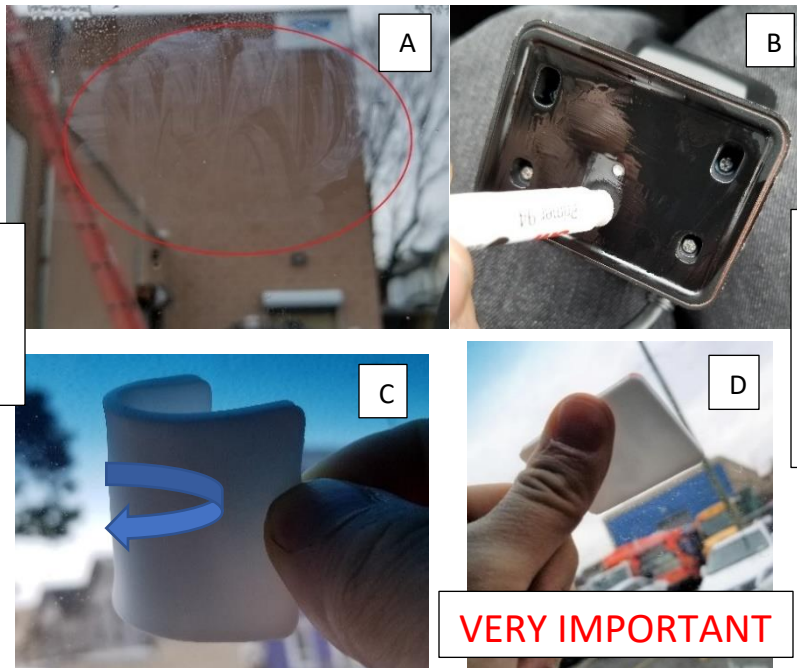
**IMPORTANT:** Windshield Mounting should only be performed when windshield temperature is within 50°F-100°F (10°C-38°C) to allow proper curing of adhesive.

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

**VERY IMPORTANT**

- 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**



Version 6.2.2

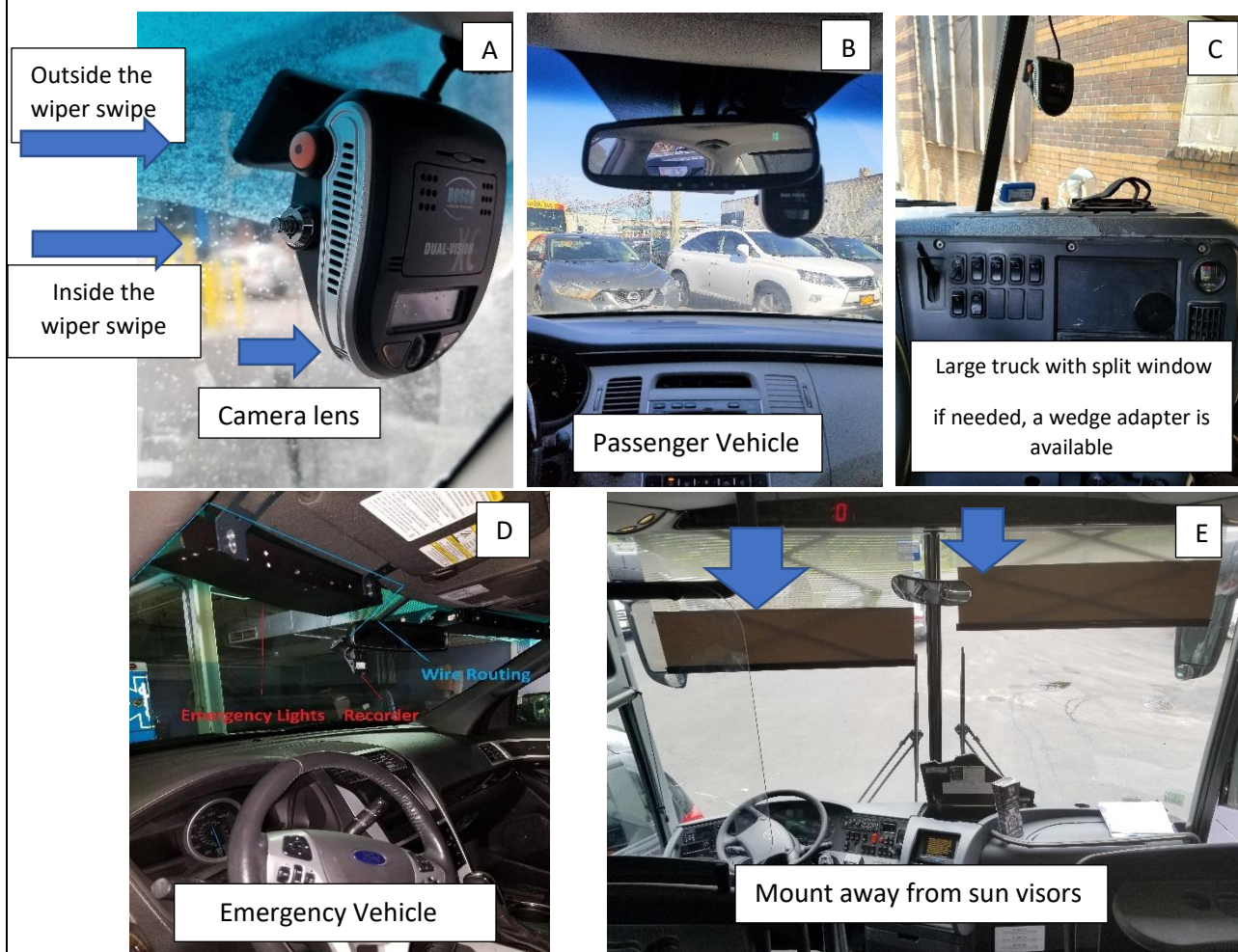
Proprietary and Confidential

2004-2008 Ford F-150



# 2004-2008 Ford F-150 Install 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).



Version 6.2.2

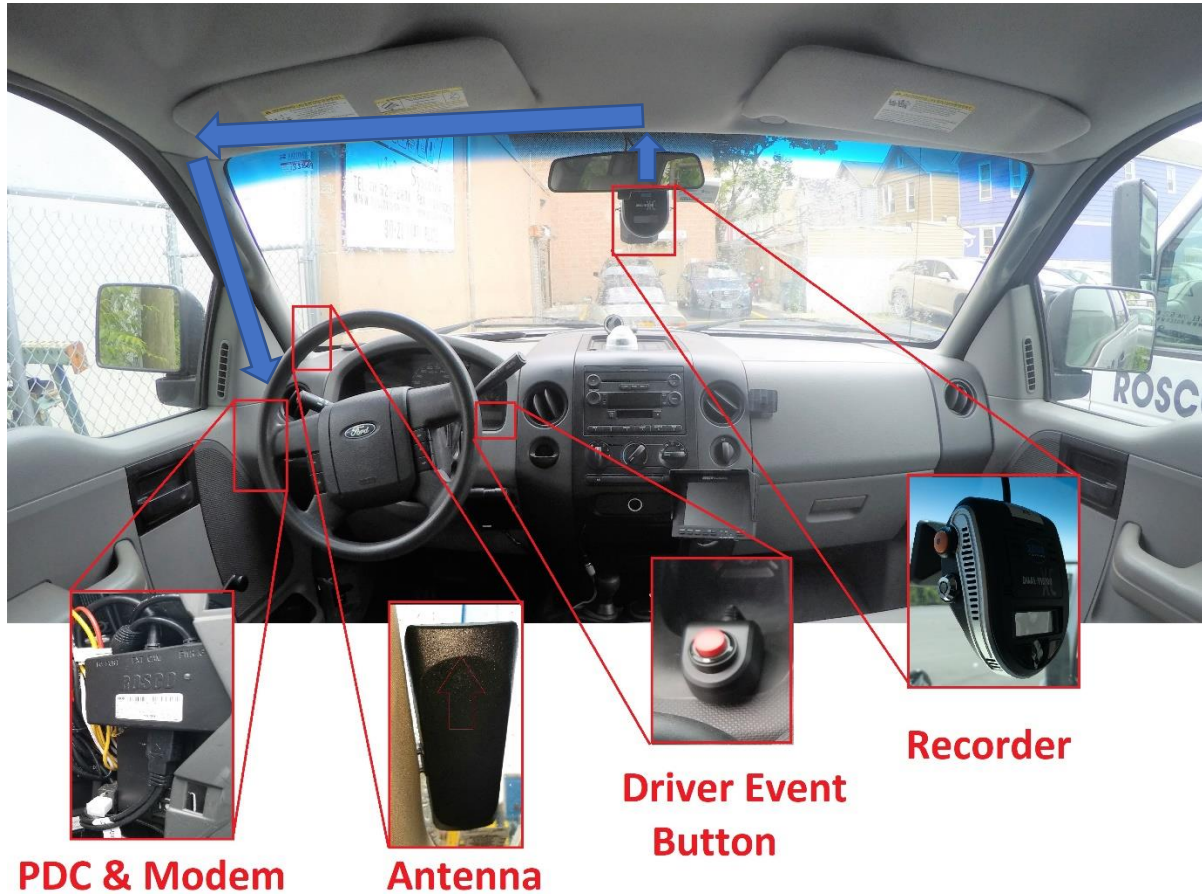
Proprietary and Confidential

2004-2008 Ford F-150



# 2004-2008 Ford F-150 Install Guide

## Installation Layout:



**Before starting your installation, please take note of component mounting locations. Follow the blue arrow for recorder cable routing**



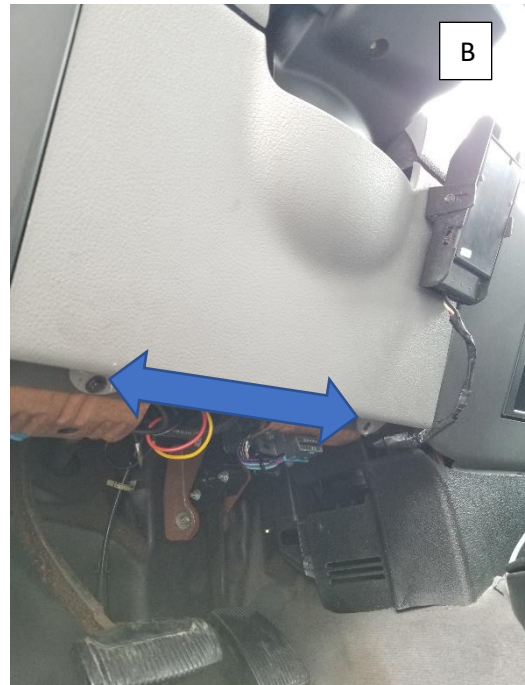




# 2004-2008 Ford F-150 Install Guide

## Step 1 - Dash Removal:

- Start by removing the side panel with a panel tool (Photo A)
- Remove the two 7MM bolts located at the bottom the dash panel (Photo B)





# 2004-2008 Ford F-150 Install Guide

## Dash Removal Continued:

- Using a panel tool, pry the lower dash off (Photo A)
- Remove the four 8MM Bolts securing the metal dash brace (Photo B)

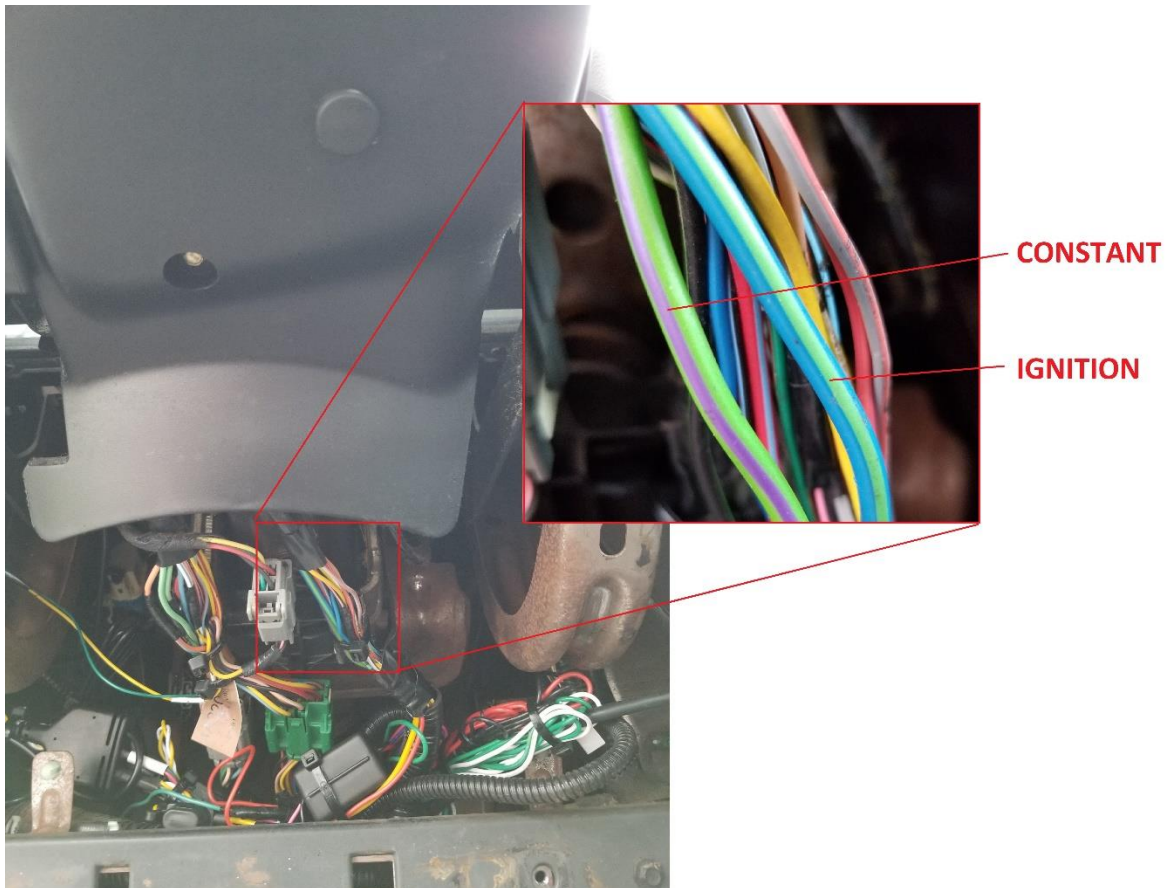




# 2004-2008 Ford F-150 Install Guide

## Step 2 - Power Connections:

- The Constant & Ignition wires are located at the ignition harness (Black 7 Pin Plug)
- Connect the RED constant wire to the vehicles Green/Violet wire (Pin 4)
- Connect the YELLOW ignition wire to the vehicles Blue/Green wire (Pin 1)





# 2004-2008 Ford F-150 Install 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



Version 6.2.2

Proprietary and Confidential

2004-2008 Ford F-150





# 2004-2008 Ford F-150 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



Version 6.2.2

Proprietary and Confidential

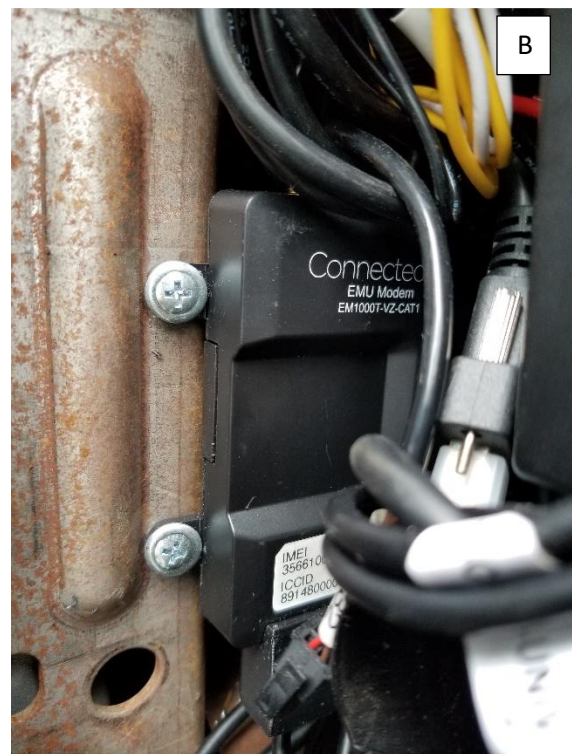
2004-2008 Ford F-150



# 2004-2008 Ford F-150 Install Guide

## Step 5 - PDC & Modem Mounting Locations:

- The PDC and modem are in the cavity on the left side of the dash (Photo A)
- The Modem is secured to the metal brace with two self-taping screws (Photo B)
- The PDC is secured with a zip tie around the vent.
- Extra cable can be zip tied & stored next to the PDC



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

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



Version 6.2.2

Proprietary and Confidential

2004-2008 Ford F-150



# 2004-2008 Ford F-150 Install Guide

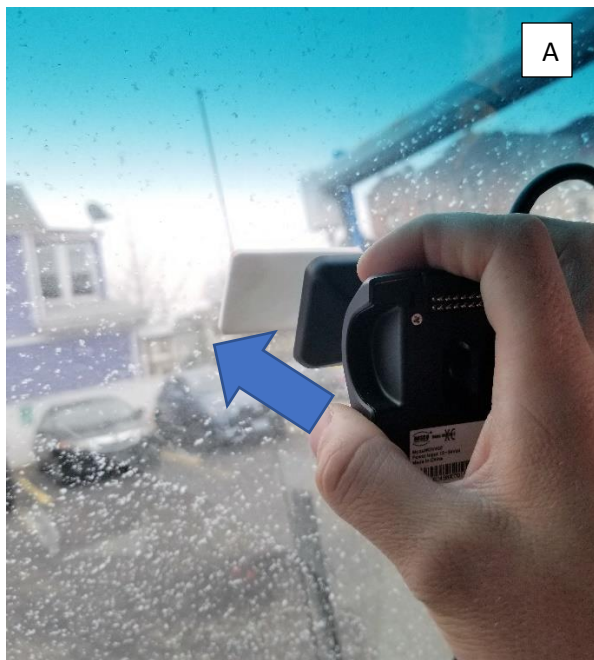
## Step 6 - Camera Mounting and wire Routing:

**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)





# 2004-2008 Ford F-150 Install Guide

Push the Driver Event Button and logon to RoscoLive live to verify camera angle

Browser address bar: [www.roscolive.com/Administration/Fleets/EditFleet.aspx?f=211](https://www.roscolive.com/Administration/Fleets/EditFleet.aspx?f=211)

HA103 - Live - Microsoft Edge

URL: <https://rosco.roscolive.com/rosco/video/html5video.html?fleetToken=886628109&assetID=10587921>

Welcome Chris  
[Home](#) | [System Administration](#) | [Logout](#)

Video Feed Controls: 1 2 3 4

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

Search:  Search Clear Search

☒ Limit Allowed Assets  
Allowed Assets:



Version 6.2.2

Proprietary and Confidential

2004-2008 Ford F-150