



2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

This guide will show the proper way to install a Dual-Vision XC4 Camera in a 2013-2015 Lincoln MKS. Please review the Service Bulletins for grounding and making connections prior to installing. This manual will explain dash removal, wire locations, & mounting locations.

PLEASE NOTE: THIS GUIDE IS FOR PUSH TO START VEHICLES ONLY!

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

For Technical Support please contact our support team at:

Techsupport@Roscovision.com



Gray – Caution

Red – Warning

Blue – Extra Installation Parts Needed

Purple – New Installation





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

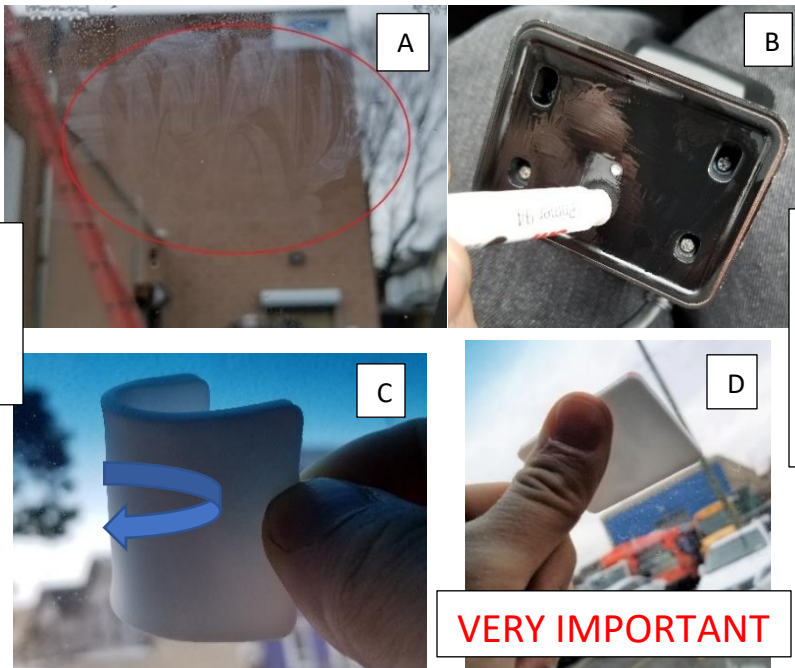
IMPORTANT: Windshield Mounting should only be performed when windshield temperature is within 50°F-100°F (10°C-38°C) to allow proper curing of adhesive.

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**

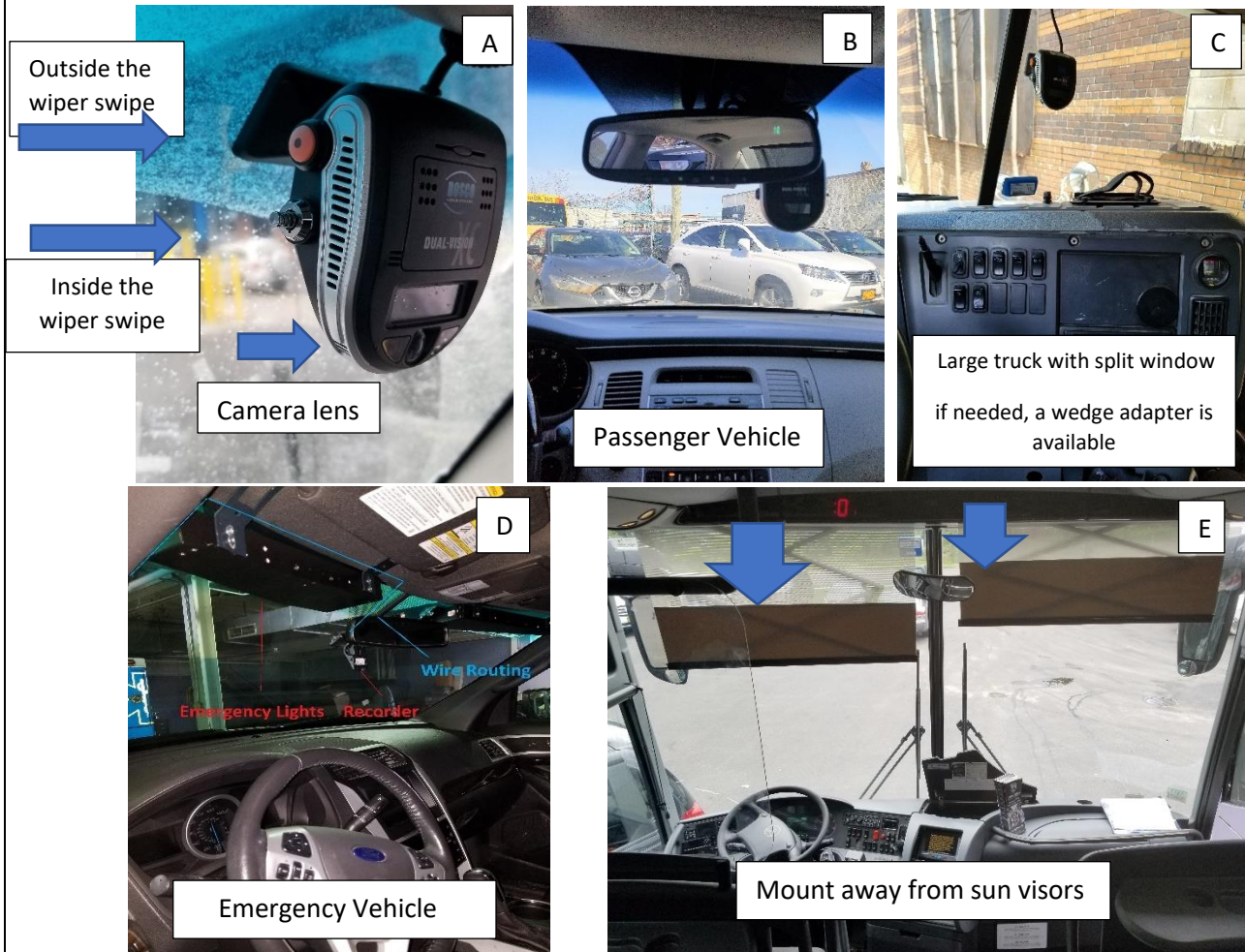
Proceed to the next page for Step 1 of the installation. **Apply the bracket to the windshield during the last step of the install**





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

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)

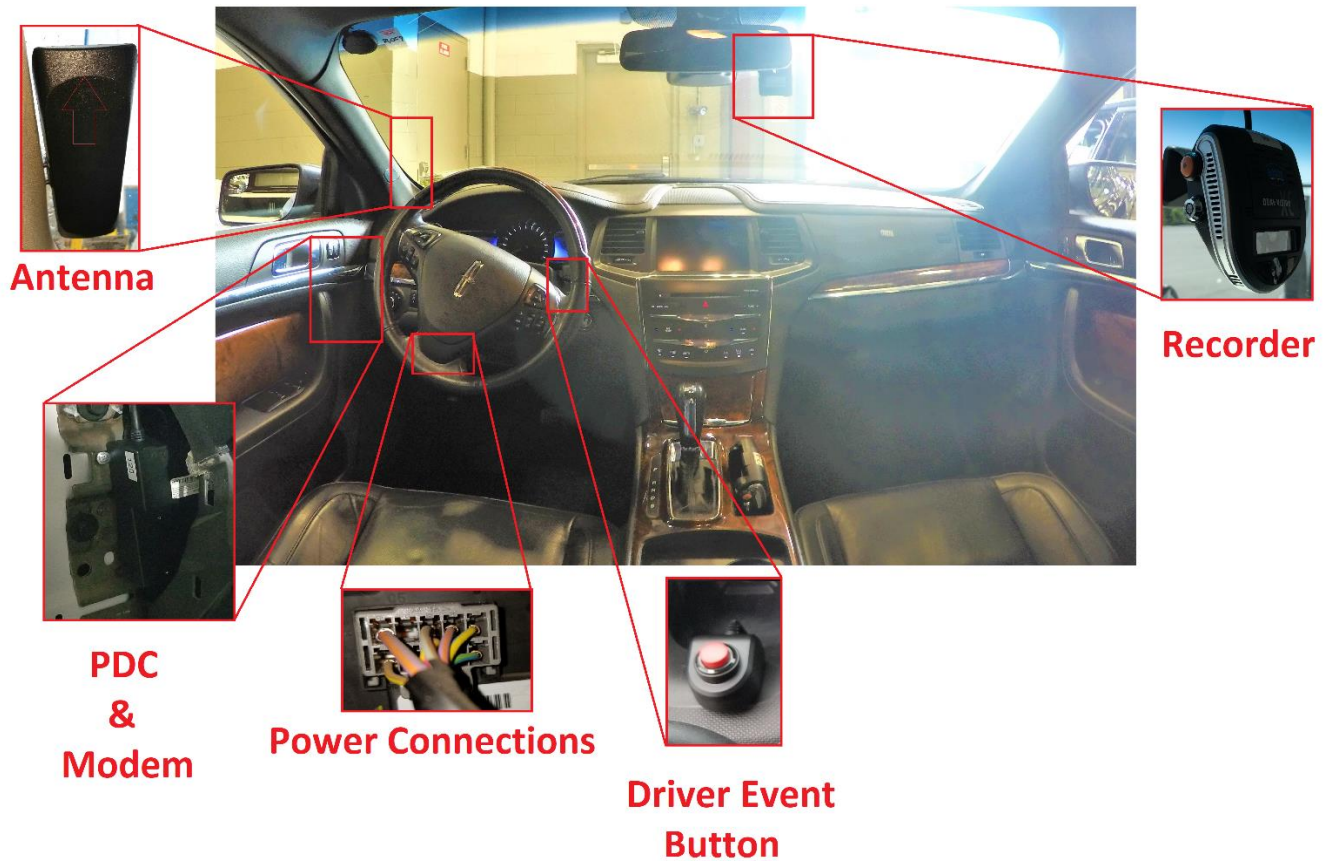
Always pull down the vehicle sun visors to make sure they don't block or interfere with the Recorder or the video (Photo E).





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

Installation Layout



Before starting your installation please take note of component mounting locations



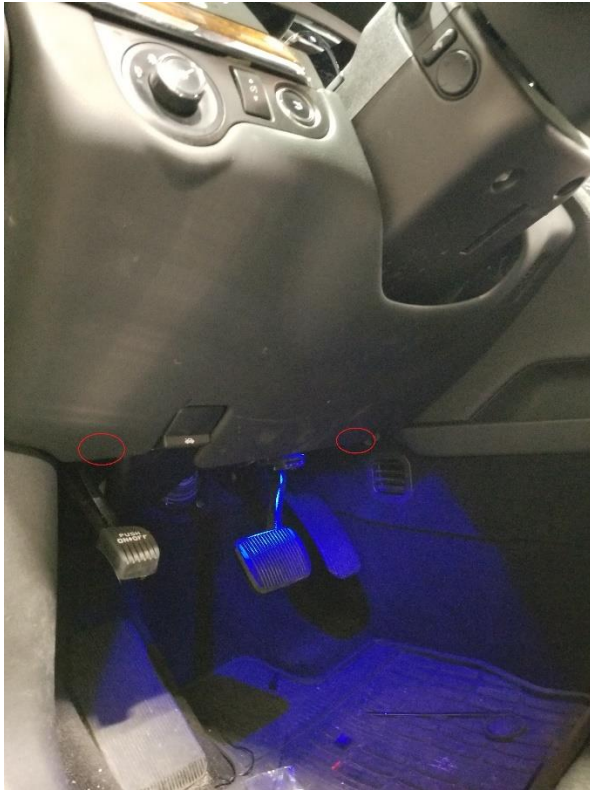


2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

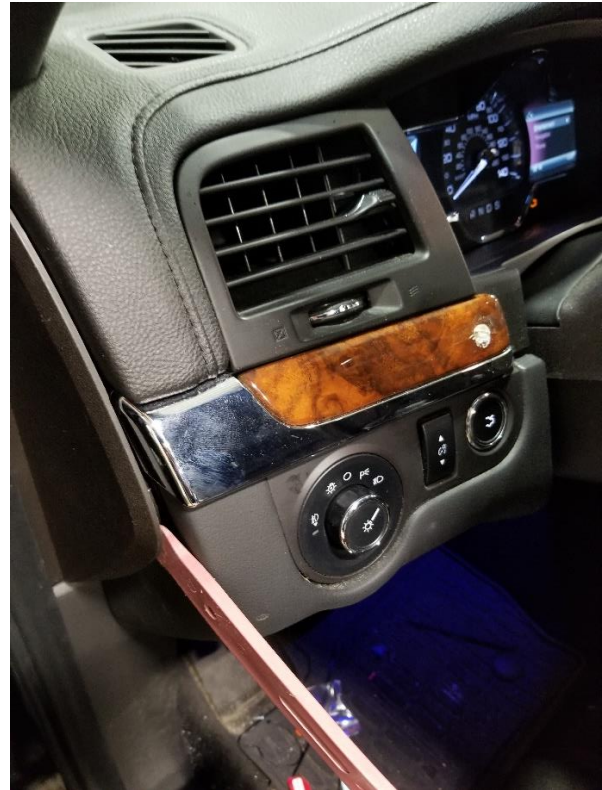
Step 1 - Dash Removal:

- Remove the two 7MM bolts located at the bottom of the dash (Photo A)
- Using a panel tool, carefully pry side panel off (Photo B)

A



B





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

Dash Removal Continued:

- Carefully pry lower dash starting from under the wood panel. (Photo C)
- Remove all plugs from dash for access to power and mounting locations (Photo D)

C



D



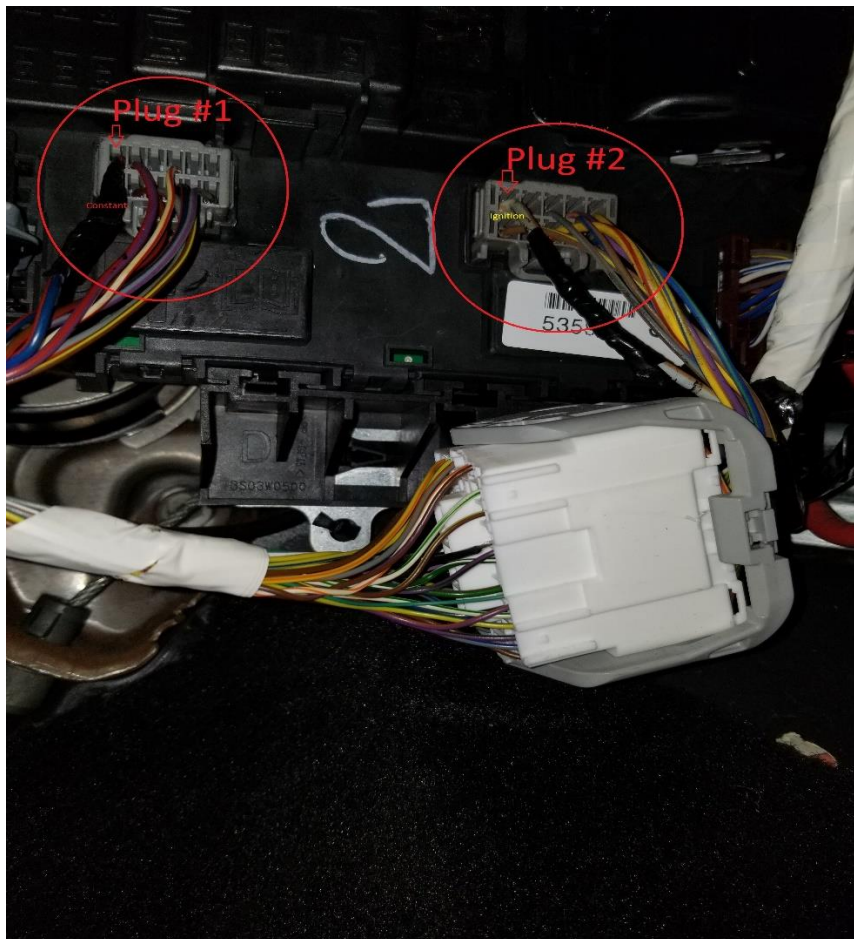


2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

Step 2 - Power Connections:

- Locate the fuse box under the left side of the dash and the two gray plugs that are plugged into the fuse box (Photo E)
- Connect the **RED** constant wire from the DV440 power harness to the vehicles Blue with Red stripe wire. This wire is located at the 12-pin gray plug #1 (Photo E)
- Connect the **Yellow** Ignition wire from the DV440 power harness to the vehicles Gray with Brown stripe wire. This wire is located at the 12-pin gray plug #2 (Photo E)

E





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

Power Connections (Continued):

- The factory ground harness is located behind the driver's side kick panel
- Using a star washer ring terminal (or a ring terminal and a star washer) use a self-tapper with a low clutch setting on the drill & attach the ground wire under the factory ground harness
- Be sure to scrape away and remove any paint from the surface before grounding (Photo K)

K



K





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

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





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

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





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

Step 5 - Mounting & Wire Routing:

- The DV440 is mounted inside the cavity of the side panel of the dash (Photo G), secured with 2 self-tapping screws. The extra wire slack can be securely mounted to the factory harness located inside the cavity, behind the headlight controls (Photo H)

G



H



Secure all extra wires & wire slack with Zip ties





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

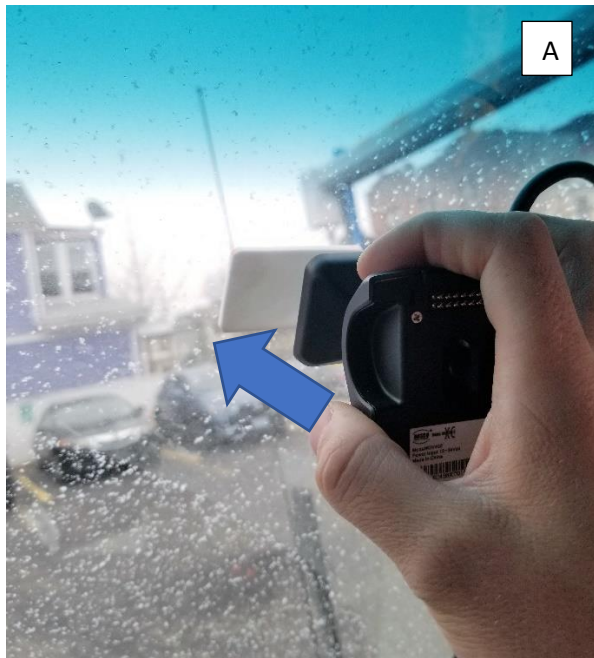
Step 6 - Camera Mounting and wire Routing:

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)





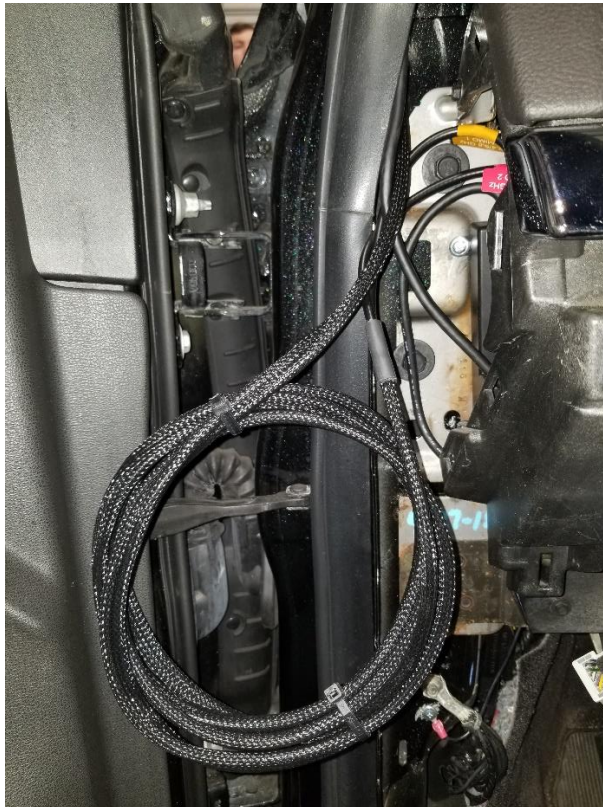
2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

Optional WIFI Adapter:

- If using the optional WIFI Adapter, mount the antenna in the driver's side corner of the windshield and follow the routing of the camera wire

The WIFI antenna cable is very stiff, DO NOT BEND or zip tie too tight. Coil the slack of the wire with 3 zip ties holding it together. Place the coil in the cavity next to the mounted unit (Photo L)

L





2013-2015 Lincoln MKS Install Guide (For Push to Start Vehicles)

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

HA103 - Live - Microsoft Edge

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