

## Rhino

Link: <https://kb.gpsinsight.com/rhino-drive360-installation-guide/> Last Updated: November 22nd, 2021

The installation kit contains the installation guide, one Drive360 device, one mounting bracket, one power cable, six assorted add-a-circuit fuse holders, one security bracket, two security bracket screws, two security bracket spacers, one mini screwdriver, and one power cable security bracket.

Additional tools and supplies you will need include dashboard panel removers, a digital multimeter, a cordless drill, self-tapping ground screw, driver bit for screw, approximately eight cable ties, a side cutter, heat gun, a dry/clean/lint-free cloth, a pen, a dry erase/wax tip marker, 99% Alcohol wipes and a tamper seal compound.

## Installation Overview

The following steps provide an overview of the installation process:

1. Install Preparation.
2. Mounting.
3. Power Cable Installation.
4. Verification and Registration.
5. Frequently Asked Questions

### 1. Installation Preparation.



**Note.** If applicable, all water/ice/snow should be completely removed from the windshield. If the outside temperature is 75 degrees Fahrenheit (24 degrees Celsius) or less, turn on vehicle defrost until the windshield is warm to the touch. Also, place the mounting bracket in defrost airflow to warm VHB tape.

1. Record the 8-digit device serial number (S/N) onto your paperwork.

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2. Locate the vehicle fuse panel and remove any panels needed to access the panel and to route the power cable.



3. Using the vehicle owner's manual and a multimeter, find the vehicle circuits needed for both device connections.

A. Constant / Yellow Wire = Keys removed from the ignition, a vehicle fuse providing 12 to 24 VDC (+).

B. Ignition / Red wire = vehicle fuse which provides at least 12 VDC (+) while vehicle is On and vehicle running and 0 VDC (+) when key is in the Off and Accessory position.

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4. Hold the device to windshield confirming the angle of the windshield will not affect the device from being level.

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5. If the security bracket does not have one spacer, add or remove additional spacers so only one is present.

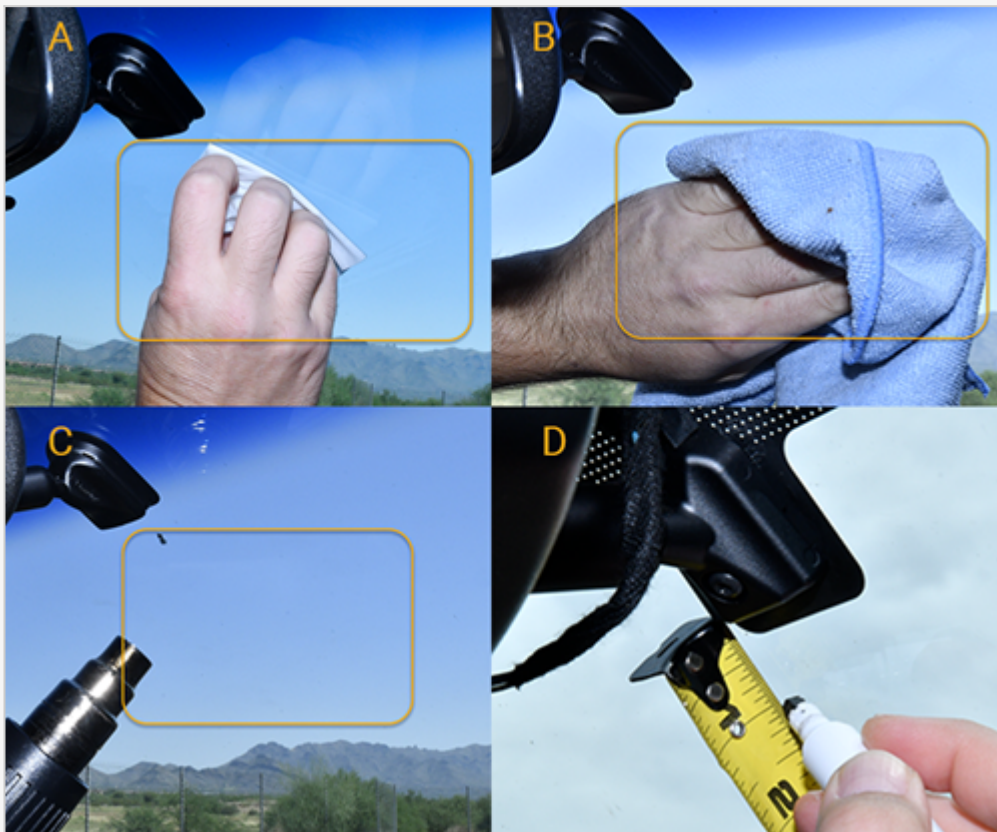


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### 6. Rear View Mirror (Standard):

- A. Directly beneath the mirror mount, clean the windshield area with alcohol wipes.
- B. Wipe clean with clean dry cloth.
- C. Apply heat to burn off any leftover residue.
- D. From the bottom of the mirror anchor go ~1" in. down and place mark; this will be the center for the left arm of the mounting bracket.



**Note.** Excessive heat may cause delamination of the windshield or cracking. Continuously move heat gun to not apply heat in one area for too long.

## 2. Mounting.

### 1. Bracket Mounting:

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- A. Remove the VHB plastic exposing the adhesive.
- B. Apply heat to the tape.
- C. Ensuring bracket is level, press firmly to the windshield.



- 2. From outside the vehicle, visually inspect tape adhesion; there should be no air bubbles in the tape. If necessary, continue to press bracket to windshield until required results are achieved.

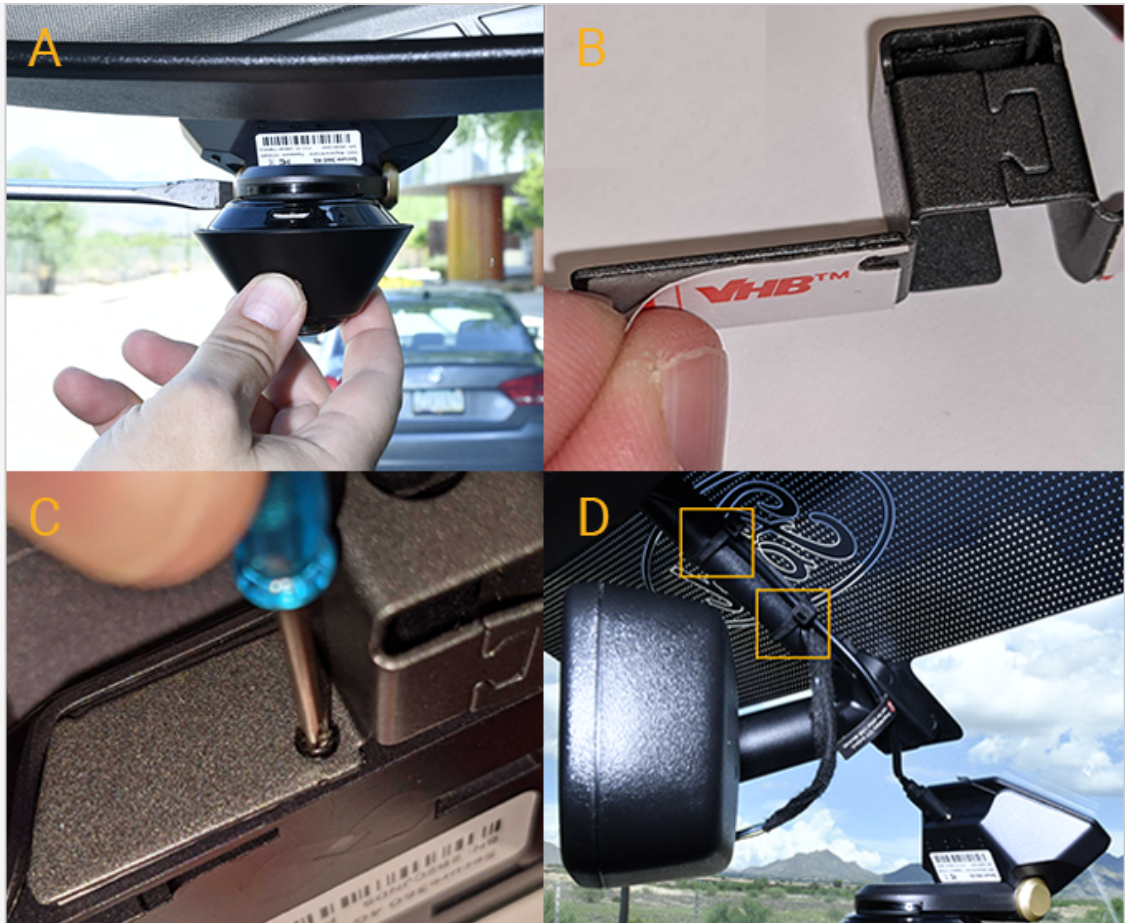


- 3. Harness Installation:

- A. Mount the device to the bracket and tighten large set screw.
- B. Remove Security Bracket plastic exposing VHB tape.
- C. Place security bracket over cable micro-USB connector; connect to the GPS device, firmly press security bracket to the device and install bracket screw.
- D. Cable tie cable along mirror wires and tighten large set screw.

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E. Tuck wires along the headliner and secure the cable as you come down the A-Pillar.



**Note.** If airbag is present, make sure cable is run behind the air bag and NOT over the top.

## 3. Power Cable Installation.

1. Connect the fuse holders to the device's Yellow and Red wires.
2. Remove the vehicle fuse identified in Step 1.3 and place the fuse into the fuse holder before plugging in, then add a circuit into the fuse panel.
  - A. Constant / Yellow Wire = Keys removed from the ignition, a vehicle fuse providing 12 to 24 VDC (+).
  - B. Ignition / Red wire = Vehicle fuse which provides at least 12 VDC (+) while vehicle is On and vehicle running and 0 VDC (+) when key is in the Off and Accessory position.
3. Locate a suitable location on the chassis to attach the device Black/Ground wire. Confirm there is nothing behind the mounting location and screw the ring terminal to the chassis.



## 4. Verification and Registration.

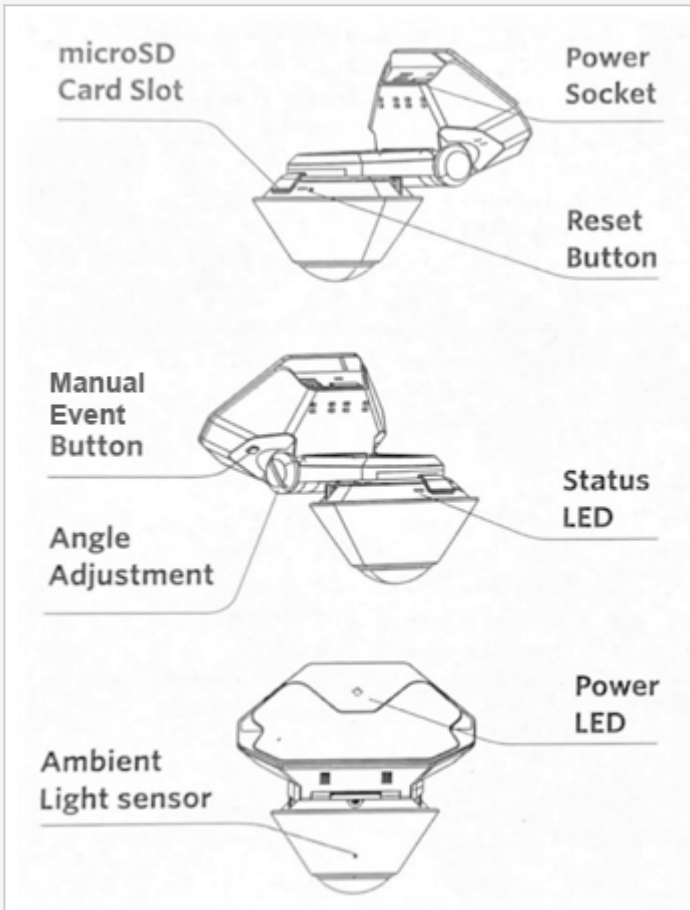
1. Start the vehicle and confirm the LED lights turn on and you hear an audible chirp from the device.
2. Call (866)495-9240 ext. 2 for installation verification and registration.
3. Cable tie any loose cables to existing wires, and if available, apply tamper seal to all connections.



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### 5. Frequently Asked Questions.



#### Status LED Mode

LED Status	Description
Solid Blue	Power On / Idle
Solid Red	Recording
Blinking Blue	Firmware Updating
Blinking Blue and Red	Error

#### Manual Event Button

LED Status	Description
Press for two (2) seconds	Mark an Event

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LED Status	Description
Press for eight (8) seconds	Restart the Camera