

Link: https://help.gpsinsight.com/installation-guide/drive360-diagnostic/ Last Updated: November 30th, 2023

Before You Begin

The installation kit contains a registration card, the Drive360 device, device dock, mount plate with adhesive, and diagnostic port power cord.

Installation Overview

The following steps provide an overview of the installation process:

- 1. Install Preparation.
- 2. Device Connections.
- 3. Device Mounting.
- 4. Adjust Angle.
- 5. Verify Installation.

Installation Steps

1. Installation Preparation.

- 1. Locate the vehicle's diagnostic port (OBD-II or J1939).
- 2. Ensure the key is removed from the ignition, then locate the vehicle's diagnostic port under the dashboard. Using a digital multimeter, test for constant power at the port:
 - A. 9-Pin Diagnostic Connector: Place the positive probe on Pin B and the negative probe on Pin A.
 - B. 16-Pin Diagnostic Connector: Place the positive probe on Pin 16 and the negative probe on Pin 4.



3. Connect the cable plug firmly into the vehicle's diagnostic port and secure properly with zip tie(s).



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4. Route the wire with USB Type-C plug of the power cord to the expected camera mounting location on the windshield. When routing the power cord along the vehicle's A-pillar, ensure the power cord is placed securely behind the vehicle's air bags to avoid any obstruction.



Note. Leave an extra few inches of cord length near the camera to insert the Type-C plug into the Drive360 4G Dock, and also make mounting and dismounting the camera easier.

5. Secure any excess wire after the camera is mounted.

Note. If your vehicle is also using an OBD Telematics Unit, you may also need to add an in-line Y Adapter Cable for both devices to connect to the vehicle BUS system.



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2. Device Connections.

For optimal performance, please ensure the power cord is firmly and securely fitted into the USB Type-C Power Connection.

- 1. Put the Type-C Power Cord into the Power Cord Locker. Remove the Locker's gasket, if necessary.
- 2. Insert the Type-C plug into the camera Type-C socket. Push the Locker to ensure glued together with the camera dock.
- 3. Tighten the Locker to the camera. Seal with Tamper Tape.
- 4. Turn on the engine, the status LED will illuminate blue and then turn red if an SD card is inserted.



3. Device Mounting.

 With the Mount Plate attached to the windshield and the power cord connected to the Drive360 4G, position the Drive360 4G on the right side of the Mount Plate. Next, ensure the Mount Plate locking tabs are aligned with their fittings on the camera dock.



2. Slide the camera left to secure it firmly onto the Mount Plate.



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4. Adjust Angle.

1. Use a coin to loosen the Dock hinge by turning the adjustment slot counter-clockwise.



2. For optimal vision in and around your vehicle, adjust the camera's position to make the Dock hinge parallel with the road.



3. Tighten the Dock into place by turning the adjustment slot clockwise with a coin.



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5. Verify Installation.

After installing the Drive360, you should use the Waylens Fleet App to verify your installation. You should verify installation by checking the following points:

- Check the power cord connection.
- Check the Network.
- Confirm video streams.
- 1. Connect the camera using mobile phone via WiFi.

2. Tap Start Installation Test.

The app will enter the process of Installation Test, including Power Cord Test and Network Test. Alternatively, you can do the Power Cord Test and Network Test separately from the "Maintenance" page.

3. Check the video streams from the Camera page.





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LED Mode/Button Overview



De-Installation

6. Removing the Drive360 Device.

1. Slide the Drive360 4G Dock to the right and carefully pull the camera away from the Mount Plate once you feel it release from the locking tabs.



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