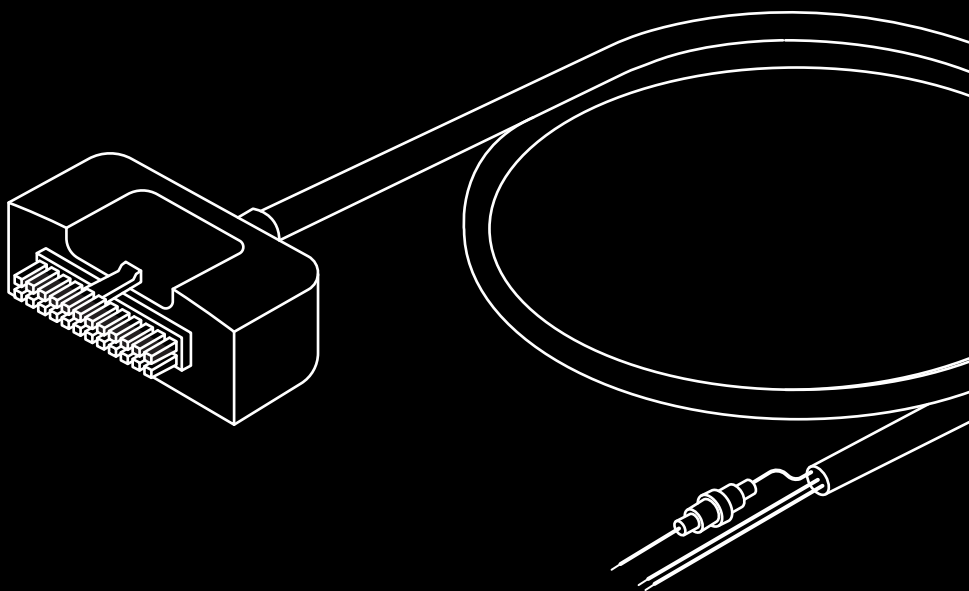


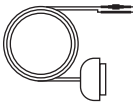
Cable VCBL-D-HW3W

AI Dashcam Plus installation guide for vehicles and equipment using a 3-wire hardwired power connection.



motive

In the box



Cable VCBL-D-HW3W

Tools Required

- Multimeter
- Wire brush
- Wire stripper / crimper / snips
- Zip ties and cable clips
- Add-a-circuit fuse tap or OEM-approved method for tapping ignition power if using the fuse box
- Electrical tape or heat-shrink as appropriate

This is a **power-only** installation. It is **not recommended** for vehicles that require ELD mandate compliance or engine diagnostics data.

Note: When using this hardwired cable, Zero Telematics Mode must be enabled via Motive Support. This ensures the device can correctly detect motion and engine status.

Note: Firmware support for the ignition pin is not available currently. Once firmware support is introduced in the future, ignition data will become available.

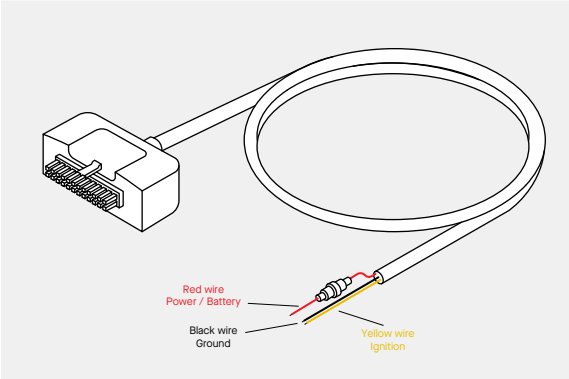
Risk: The third-wire ignition wake-up isn't available yet. If any installations are currently using an active-low configuration, and we default to active-high after software release, this will lead to significant field issues post-release.

Safety Precautions

Before starting the installation, ensure the following:

- Turn the vehicle ignition off before locating constant or switched power sources.

The **VCBL-D-HW3W** cable includes three labeled ends:

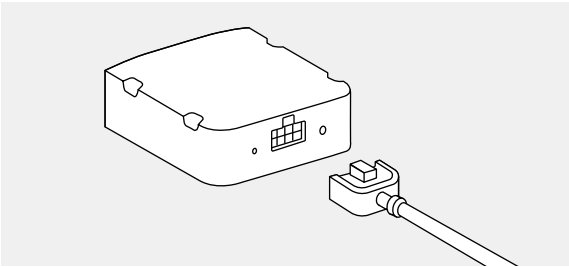


Cable End	Description
Red	Power / Battery: 8–32 V constant battery power, with inline 5 A fuse in series.
Yellow	Ignition: 10–32 V switched ignition sense.
Black	Ground: Vehicle chassis or battery negative.

1. Connecting power, ground, and ignition

2.1 Connect the AI Dashcam Plus

Mount and connect the AI Dashcam Plus following the installation guides.

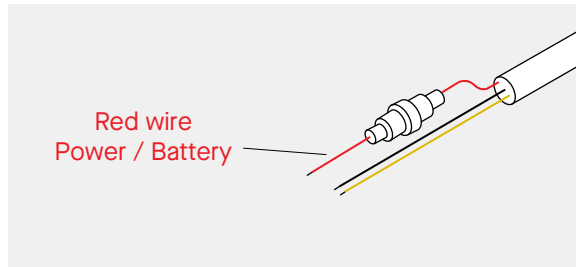


Ensure AI Dashcam Plus is connected to the vehicle adapter.

1. Connecting power, ground, and ignition

2.2 Connect the cable

Part 1: Connect the red power wire



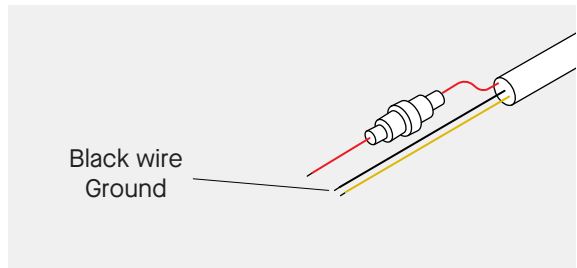
Steps:

1. Turn the vehicle ignition Off.
2. Using the multimeter, locate a point such as a fuse box slot or OEM-approved takeoff that reads 12 V or 24 V at all times when ignition is Off and On.
3. If the red wire is connected to a constant power source, confirm that this source remains powered when the ignition is turned On and Off.
4. Connect the red wire, including its inline 5 A fuse, to the selected constant power source or switched ignition source using an appropriate connector or fuse tap, while following OEM and fleet standards.
5. Do not remove or bypass the inline fuse on the red lead.

Note: Connecting the red wire to constant power will allow the connected Motive device to use vehicle battery power when the engine is off. Connecting to a switched or ignition power source is recommended if battery drain is a concern.

1. Connecting power, ground, and ignition

Part 2: Connect the black ground wire



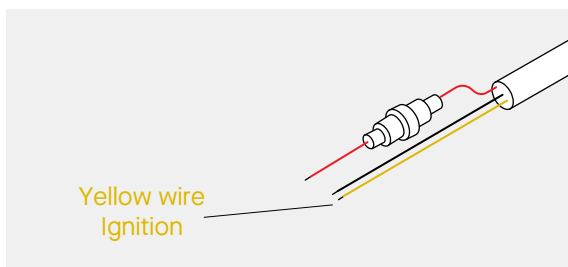
Steps:

1. Identify a clean, solid grounding point on the vehicle chassis or connect directly to the negative battery terminal.
2. Using the multimeter, verify the ground point reads 0 V relative to the battery positive.
3. Clean the contact surface using a wire brush to remove paint, rust, or debris.
4. Connect the black wire securely to this ground point using an appropriate ring terminal or OEM-approved fastener.

Note: A direct battery negative ground is preferred over chassis ground where feasible.

1. Connecting power, ground, and ignition

Part 3: Connect the yellow ignition wire



Steps:

1. Turn the ignition switch to the On position.
2. Using the multimeter, identify a wire or fuse box slot that reads 12 V or 24 V when the ignition is On, and 0 V when the ignition is Off.
3. Turn the ignition Off and verify that voltage drops to 0 V to confirm it is truly ignition-switched.
4. Connect the yellow wire to the switched ignition source.

Note: The yellow wire must be connected to a switched ignition source so AI Dashcam Plus can correctly detect when the vehicle is on and avoid unnecessary battery drain when the vehicle is off.

Firmware support for the ignition pin is not available currently. Once firmware support is introduced in the future, ignition data will become available.

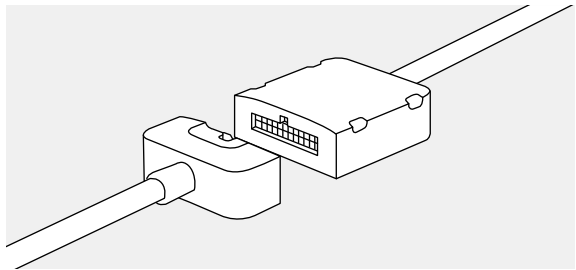
2. Route and secure the cable

Steps:

1. Route the VCBL-D-HW3W cable from the power, ground, and ignition connection points back to the Vehicle Adapter and AI Dashcam Plus, following existing harness paths where possible.
2. Avoid sharp edges, moving components, high-heat areas, and airbag or safety-critical harnesses.
3. Use zip ties and cable clips to secure the harness and provide strain relief at both the power connection and the Vehicle Adapter connector.
4. For any portion of the cable routed outside the cab or exposed to the elements, include a drip loop so water cannot run directly into connectors or splices.

3. Connect the cable to the Vehicle Adapter

Plug the 24-pin connector from the VCBL-D-HW3W cable firmly into the Vehicle Adapter.

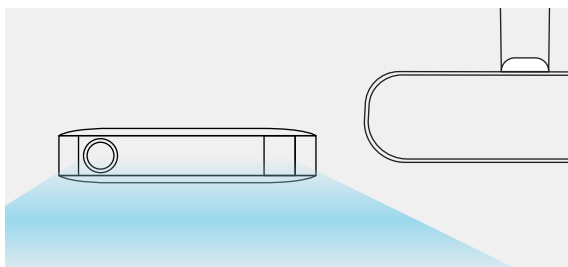


Ensure the connector is fully seated and locked so it can tolerate vibration and movement within the cab.

4. Test and Mount the AI Dashcam Plus

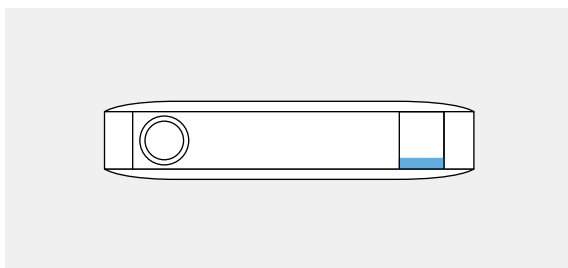
Refer to the AI Dashcam Plus Installation Guide available at gomotive.com/aidashcamplus-install for instructions on testing and mounting the device to the vehicle's windshield or the left side of the rearview mirror.

Once mounted, the final installation should resemble the example shown here



Power Connection

Start the vehicle's engine. Once the alert/right LED turns blue, your AI Dashcam Plus is powered on and connected!



5. Power-on verification

1. Verify that AI Dashcam Plus powers up and that LEDs indicate normal operation per the installation guide.
2. From the Motive Fleet Dashboard and/or Motive's Fleet App, confirm that the vehicle shows a live GPS location and that AI Dashcam Plus connects and begins recording when the vehicle is driven.

6. Cable Regulatory and Safety information

This instruction apply for all VCBL series cable

4.1 Recycling - Package



EU Package Regulation (EU) 2025/40 and its amendments as well as Italy Decreto Legislativo 3 settembre 2020, n. 116

4.2 Hazardous substance compliance Statement - RoHS Directive, REACH regulation

Reduction of Hazardous Substances

The device is compliant with the EU Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU and its amendments, this Directive restricts the use of certain hazardous substances in electrical and electronic equipment, and the EU REACH Regulation (EC) No. 1907/2006 and its amendments.

4.3 CE compliance statement



The CE Marking indicates that Motive is compliant with the following Directive: RoHS Directive 2011/65/EU and its amendments

The full text of the EU declaration of conformity and installation manual is available at the following internet address:

gomotive.com/dashcamplus-install

Manufacturer:

Motive Technologies, Inc., 55 Hawthorne St., Suite #400, San Francisco, CA 94105, USA

EU Authorised Representative:

Motive Technologies Netherlands B.V., De Boelelaan 30, 1083 HJ Amsterdam, The Netherlands

UK Authorised Representative:

Motive Technology UK Limited, 2nd Floor, 1-5 Clerkenwell Road, London, England, EC1M 5PA

Motive Technologies, Inc. ("Motive") provides the Hardware Terms and Warranty, see more details, please refer to

<https://gomotive.com/legal/hardware-terms/>

Troubleshooting:

support@gomotive.com
855-434-3564

Potential Unlocked

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