AssetTrac with 5-pin ABS Harness

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INTRODUCTION

AssetTrac™ is a 4G LTE tracking solution designed for the toughest conditions.

- Complete visibility and simple geofencing
- Customizable behavior
- Flawless operation in the harshest temperatures (-22°F to 58° F)
- Waterproof

LED Status

LED Status - External Power	
When the Device has external power, LED behavior is as follows:	
GREEN LED	Blinks once per second while acquiring a cellular connection.
	LED is solid ON when a cellular connection is established.
	LED is OFF when cellular modem is off.
RED LED	Blinks once per second while acquiring a GPS lock.
	LED is solid ON when GPS is locked and tracking.
	LED is OFF when GPS engine is off.
ORANGE LED	Indicates vibration. Blinks ~2x per second when sensing vibration.
	Blinks once per second while in a vibration trip after vibration has stopped. This behavior persists until the configured debounce time.
	LED is OFF when there is no vibration and device is not in a vibration trip.
LED Status - Stealth Mode	
When the device is in Stealth mode, LED behavior is as follows:	
GREEN LED	LED is OFF.
RED LED	Blinks once every 30 seconds, after the device wakes up to send a report.
	Blinks every 30 seconds while the Motherboard on the device is powered.
	LED is OFF when the device returns to stealth mode.
ORANGE LED	LED is OFF.

TOOLS:

- Flush Cutter (1)
- DMM (1)

PARTS:

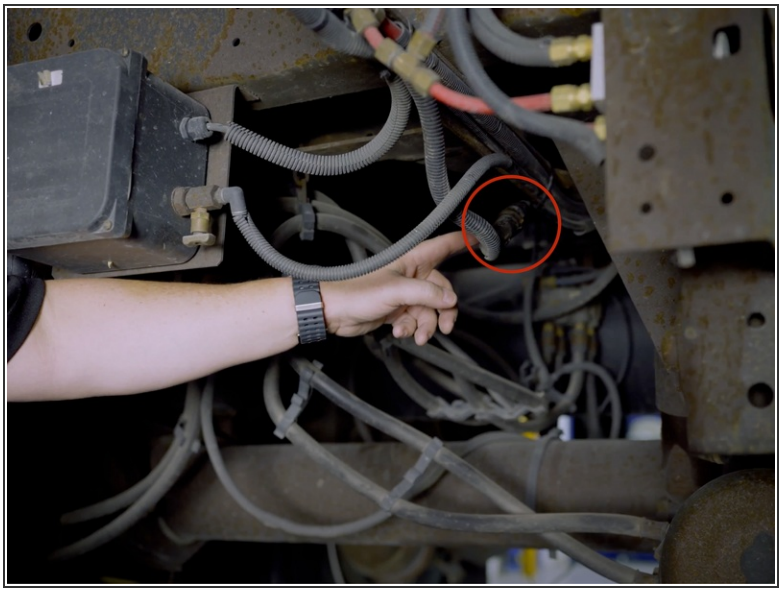
- Phillips AssetTrac (1)

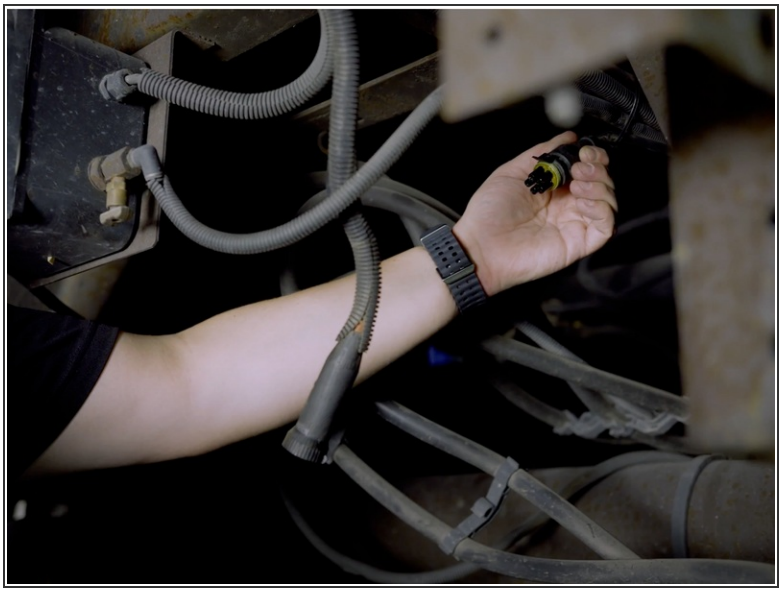
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— Locate the ABS Connector



ⓘ The ABS controller is typically located between the tandem axles on a trailer.

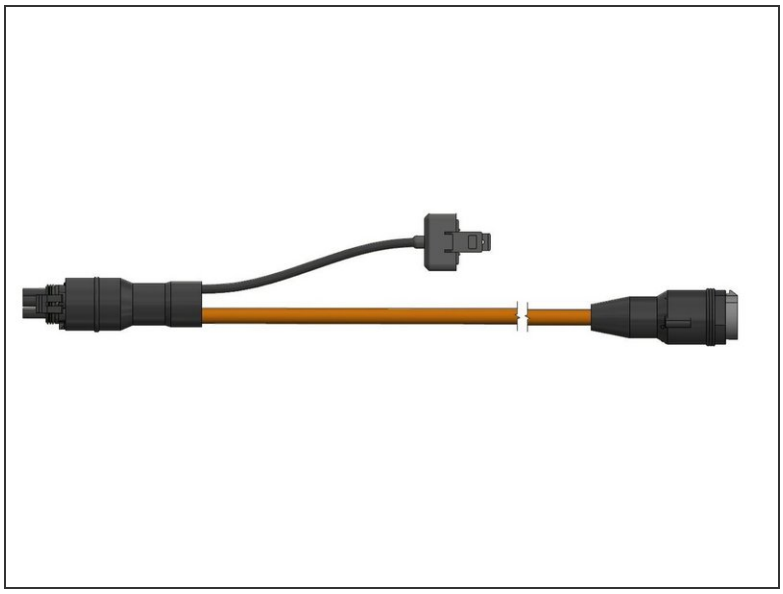


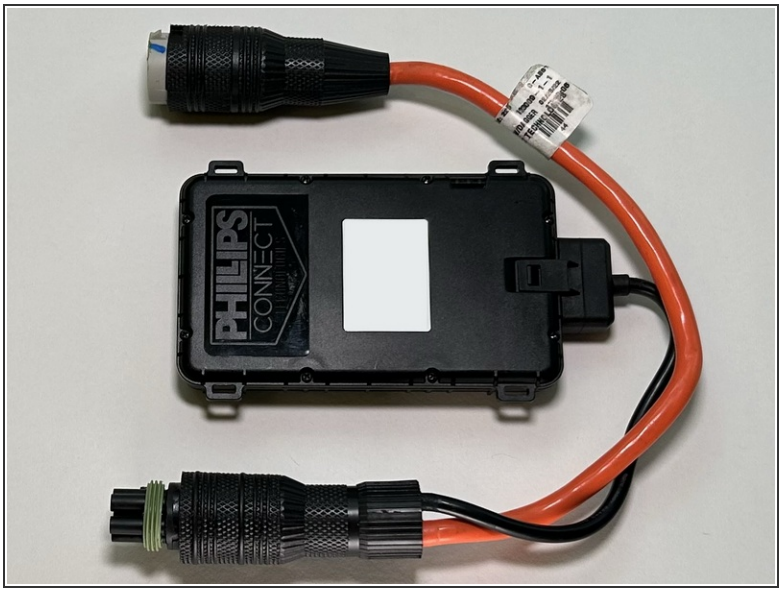


- Locate the ABS controller on the trailer and follow the harness until you locate the connection point.
- Disconnect the 5-way ABS connectors from each other.

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— 5-way ABS Harness





The 5-way ABS harness is used for this installation.

— Connections





- Connect the female connector from the AssetTrac harness to the male connector on the trailer's 5-way ABS harness.

Ensure the locking tab is engaged and that the connection is secure.



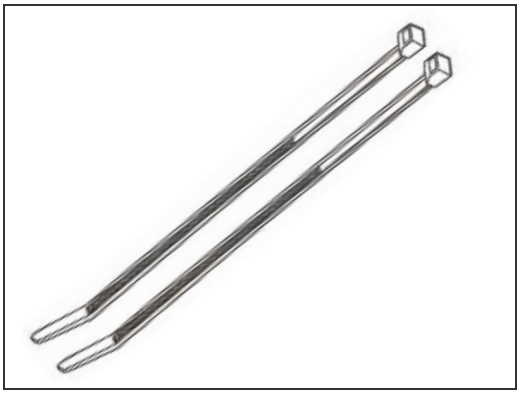


- Connect the male connector from the AssetTrac harness to the female connector on the trailers' 5-way ABS harness.

ⓘ Ensure the locking tab is engaged and that the connection is secure.

⚠ **Dielectric grease should be used on all connections to prevent corrosion.**

— AssetTrac Mounting

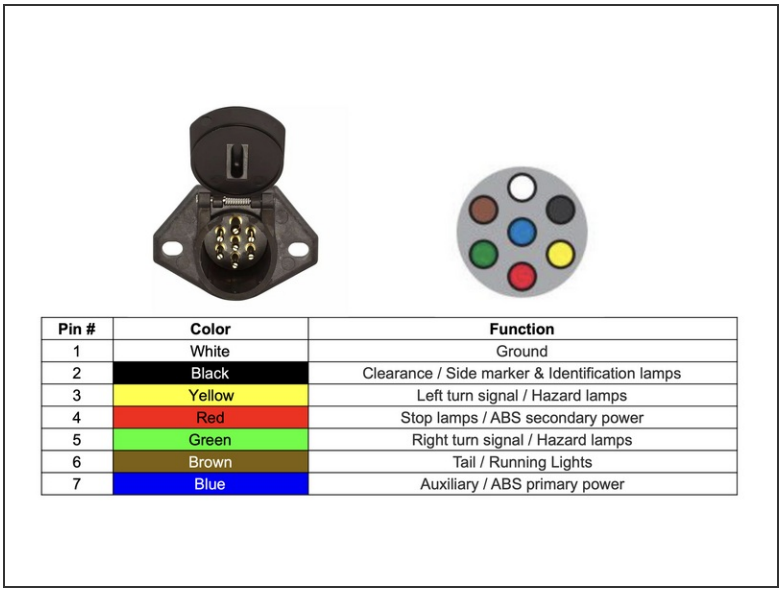




- Find a suitable mounting location for the AssetTrac device.
- Use the provided cable ties to secure the device.

☑ Trim any excess cable tie.

— Powering up the AssetTrac Device





Pin #	Color	Function
1	White	Ground
2	Black	Clearance / Side marker & Identification lamps
3	Yellow	Left turn signal / Hazard lamps
4	Red	Stop lamps / ABS secondary power
5	Green	Right turn signal / Hazard lamps
6	Brown	Tail / Running Lights
7	Blue	Auxiliary / ABS primary power

- Power up the AssetTrac device by connecting it to the J560 socket on the trailer with a tractor.

Ensure Pin 7 - Auxiliary Power (blue) is receiving power from the tractor's J560 connection.

If power is not present on Pin 7 - Auxiliary Power (blue) on the J560 connection, check the fuse on the tractor to ensure it is not blown.

Refer to the vehicle owner's manual and/or fuse diagram for fuse location.

Refer to the **LED Status - External Power** chart and ensure the GREEN and RED LEDs are solid ON before starting the verification process.

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— Verify Installation

⚠ All in-vehicle devices and related cabling must be securely fastened and kept clear of all vehicle controls, airbags, and gas, brake and clutch pedals.

⚠ This requires the use of a cable tie when securing the device or any extension harness to the OBD connector, securing both sides of the harness. If you do not use a cable tie, vibration in the vehicle can lead to a loose connection which could cause the vehicle's engine computer to fail, causing potential loss of vehicle control and serious injury.

⚠ Inspect devices and cabling regularly to ensure all devices and cabling continue to be securely attached.

⚠ If at any point after an in-vehicle device is installed a warning light illuminates on the vehicle dash or the vehicle stalls or has a marked drop in performance, shut off the engine, remove the device, and contact your reseller. Continuing to operate a vehicle with these symptoms can cause loss of vehicle control, and serious injury.

— MyInstall (Public)

ⓘ **Navigate to one of the following:**

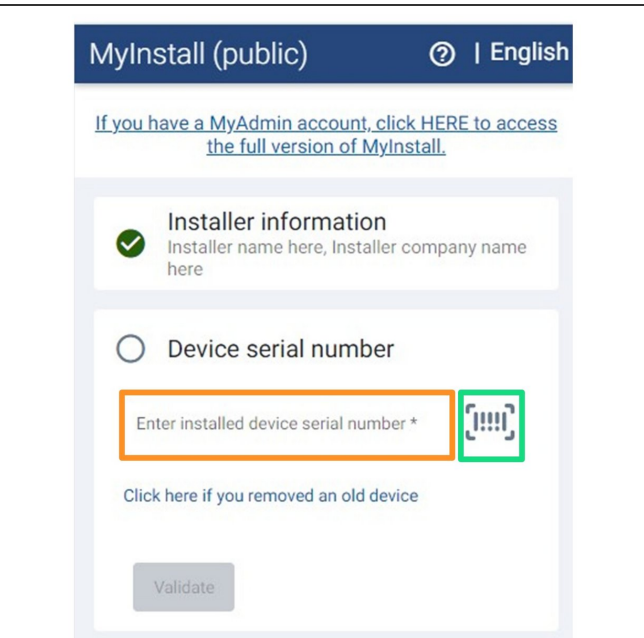
- *MyInstall (Public)*
- *MyInstall (Fed Gov)*

ⓘ **Note that the following steps are for the public version of MyInstall.**

- *If you have an installer MyAdmin account, use this link.*
- *This link is also accessible via the MyInstall Public page.*



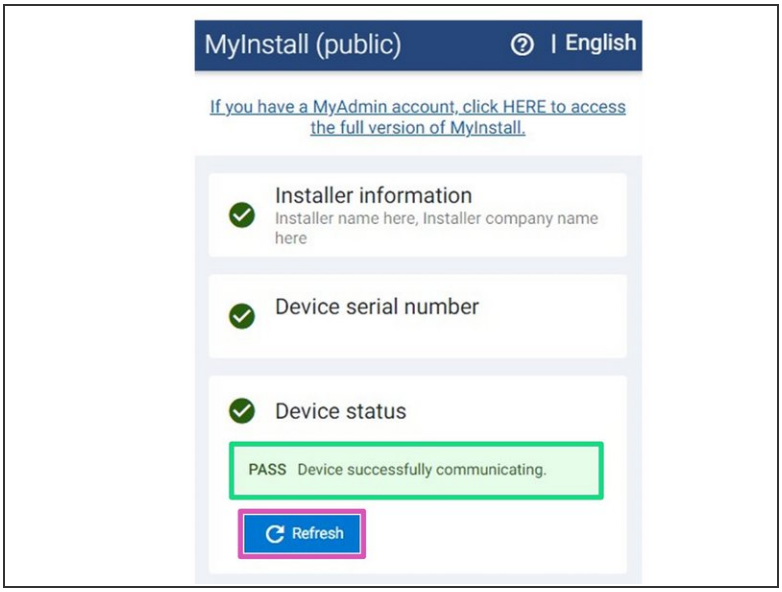
- Enter the installer information.

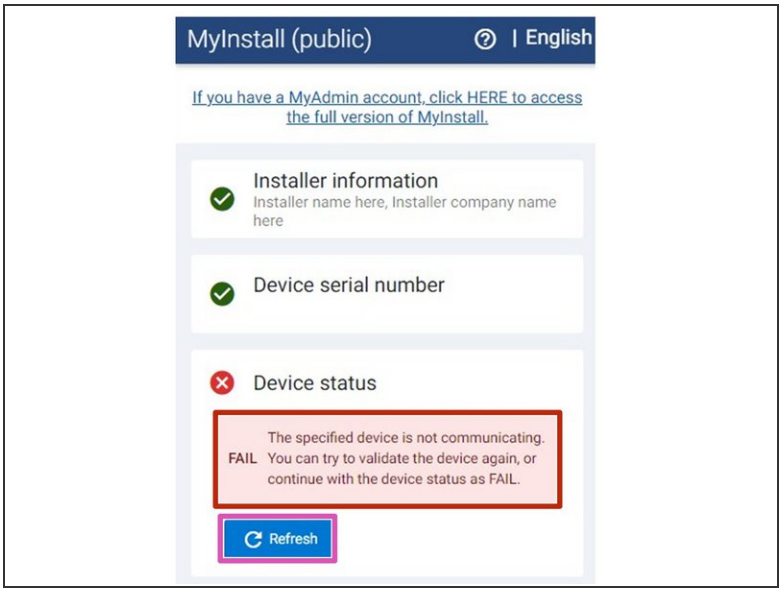


- Enter the device serial number.

ⓘ If possible, use the barcode scan feature.

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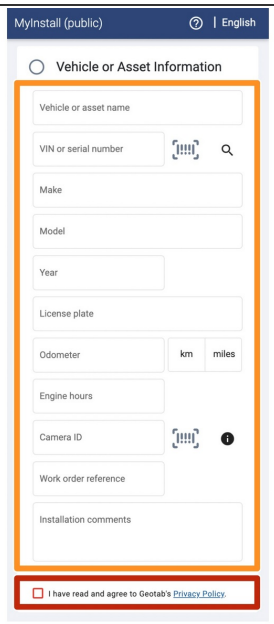


- Turn on the vehicle and wait for the device status to ***PASS***.

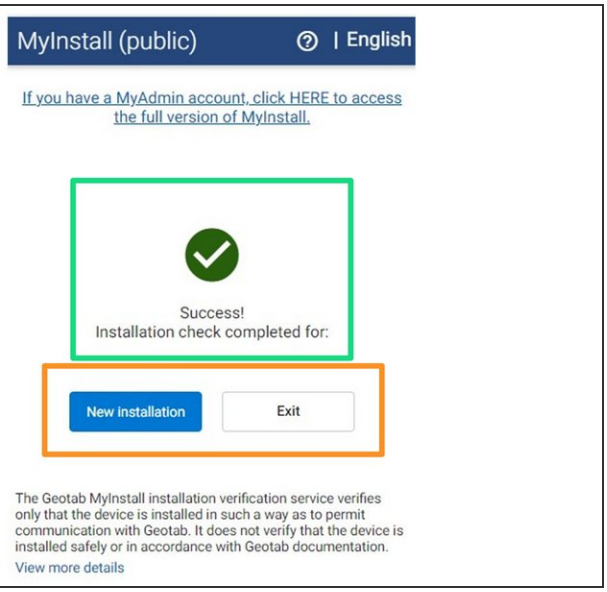
ⓘ Some Hybrids and EV's may require a short drive

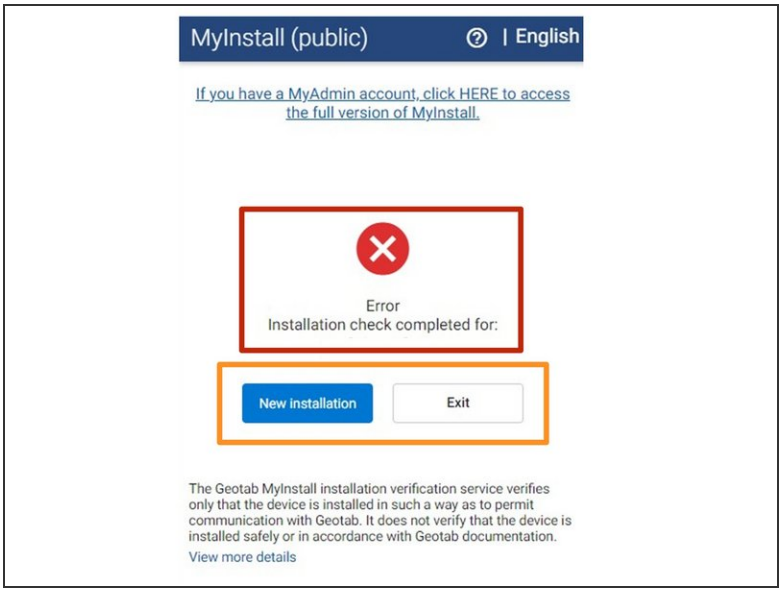
- If the device status shows as ***FAILED***, verify the LED status and turn the vehicle engine off and on again.
- Press ***Refresh*** to check the status again.

ⓘ Refer to *this link* for detailed instructions.



- Enter all applicable vehicle information.
- Enter applicable Camera information in the Camera ID field if one was installed.
- Read and acknowledge Geotab's Privacy policy.





- If the installation check finishes without errors, a ***Success!*** message appears.
- Press **New installation** to check another installation, or press **Exit** when done.
- If the installation check encounters any errors, an ***Error*** message appears.
- Select **New installation** to check another installation or press **Exit** when done.

— Important Safety Information and Limitations of Use

ⓘ For the latest version of the Limitations of Use, please visit: http://goo.gl/k6Fp0w

⚠ Your in-vehicle devices must be kept clear of debris, water and other environmental contaminants. Failure to do so may result in units malfunctioning or short-circuiting, which can lead to a fire hazard and cause loss or serious injury.

ⓘ Do not attempt to remove the devices from the vehicle in which they are originally installed for installation in another vehicle.

- Not all vehicles share compatibility, and doing so may result in unexpected interactions with your vehicle, including sudden loss of power or shutdown of the vehicle's engine while in operation or cause your vehicle to operate poorly or erratically and cause serious injury and/or vehicle damage.

ⓘ This product does not contain any user-serviceable parts. Configuration, servicing, and repairs must only be made by an authorized reseller or installer. Unauthorized servicing of these products will void your product warranty.

ⓘ The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows:

- Hereby, Geotab (Address: 2440 Winston Park Drive, Oakville, Ontario L6H 7V2, Canada, Phone number: 1 (877) 436-8221) declares that the radio equipment type 'telematics device' is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available here.

⚠ **WARNING:** Cancer and Reproductive Harm

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