



Installation Guide



ATS100

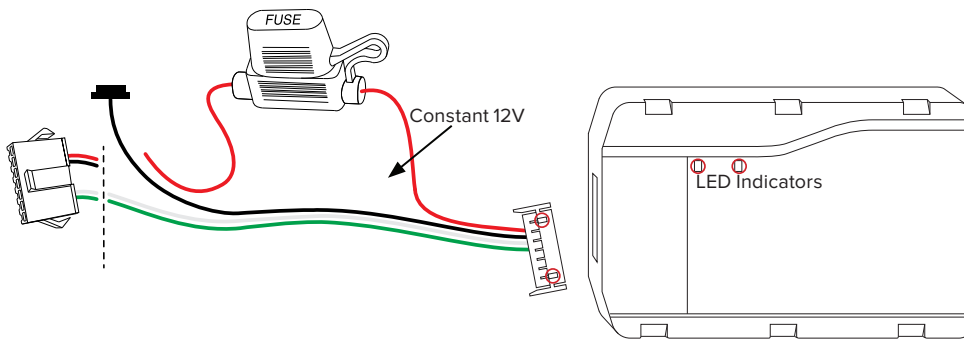
GPS Device

Installation Options:

Depending on the optional accessories selected, if any, the “ATS100” can be installed in one of three ways:

- Standard 3-wire install
- Optional Starter Disable Relay install
- Optional OBD Pass Through Install

1. Plug in the harness to the “ATS100” device. (Note: when plugging in, make sure the notches on the connector are facing towards the LEDs)
2. Cut the 7-pin pigtail.



3. Always connect the ground wire first.
4. Using a digital voltmeter, locate a constant 12V source (meter should read >12V with the vehicle’s ignition in both the on and off position).
5. Find a mounting location for the “ATS100” that is clear of metallic obstructions from above that could cause interference with GPS signal reception. Be sure that the “ATS100” is mounted in a manner that positions the printed ‘This Side Down’ indicator toward the floor of the vehicle.
6. The “ATS100” is equipped with an accelerometer to detect harsh driving conditions. The “ATS100” needs to be rigid when mounted by securely attaching it to a wire bundle of at least 10 conductors or more.
7. On initial power up, the LED indicators should show a flashing green LED and a flashing red LED while scanning for cellular and GPS signals, respectively. When the green and red LEDs stop flashing and remain solid, adequate cellular and GPS signals have been acquired.
8. The power connection should be left on for more than 45s before powering up.

LED Troubleshooting

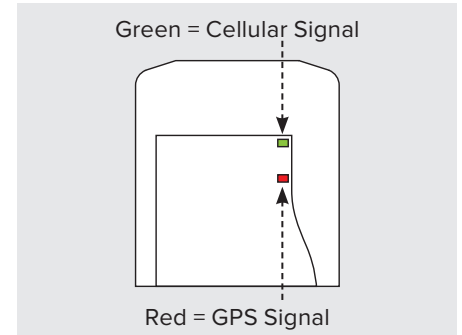
Slow Flash = From powerup, system initialization

Fast Flash = GPS Lost / Cellular Data Connection Lost

Solid = Signal Acquired

Red LED Blips once every 30s = Device in monitoring or standby mode

Green LED fast flash = Cellular data connection is lost temporarily



Important:

It may take five to seven seconds to see any LED activity and up to 10 minutes to get an initial GPS lock.

Caution:

If, after 15 minutes, you are still unable to get GPS and / or cellular signals, reposition and try again.

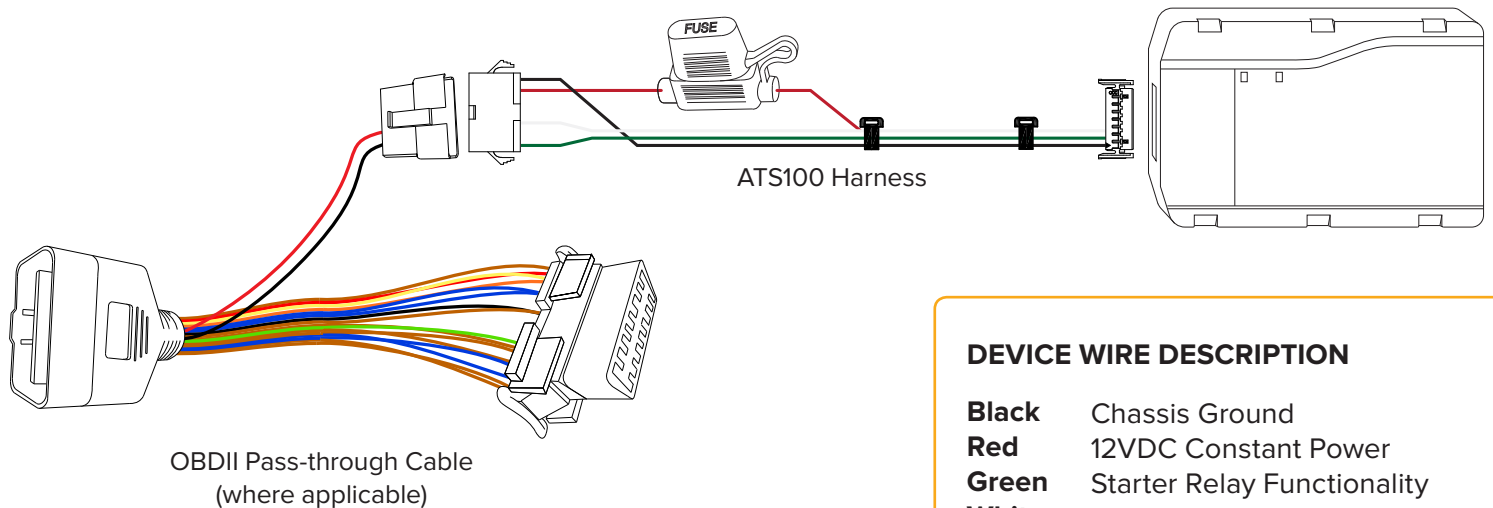
Note: Once the device is powered on, the power connection should be left for more than 45s before unplugging.

Optional Accessory Installation Instructions:

For installations using the optional warning buzzer and starter disable relay follow the standard installation instructions before proceeding to the steps below.

Optional OBDii Pass-through Cable Installation Instructions:

1. Unclip or unscrew the vehicle's stock OBDii plug from its mounting location.
2. Plug the OBDii pass-through cable into the stock OBDii port and clip or screw the opposite end into the stock plug's original mounting location using the supplied bracket where necessary.
3. To install the Edge, mount the device as instructed in [Step 5] of the standard installation before plugging the quick disconnect on the device harness into the one on the passthrough cable.



DEVICE WIRE DESCRIPTION

Black	Chassis Ground
Red	12VDC Constant Power
Green	Starter Relay Functionality
White	Ignition Sense

Blue / Gray / Orange FOR FACTORY USE ONLY! DO NOT CONNECT THESE WIRES

Optional Warning Buzzer Installation Instructions:

1. Using a digital voltmeter, locate a switched power wire that reads 12V with the vehicle's ignition in the on position and 0V with the vehicle's ignition in the off position.
2. Connect the white wire in the device harness to the switched power wire.

Note: Some vehicles have starters that are controlled by their engine control module (ECM). For these vehicles, splice into the wire that leads from the ECM to the starter. Do not splice into the wire leading from the ignition switch to the ECM.

Optional Starter Disable Relay and Socket Installation Instructions:

1. Using a digital voltmeter, locate the wire connecting the vehicle's ignition switch (or ECM) to its Starter and cut it. This wire should only be hot when the vehicle's key is in the "Start" (crank) position.
2. Connect the relay harness red wire to the key side of the starter wire (this should show 12v when the key is in the start position) connect the white wire of the relay harness to the starter side of the starter wire.
3. Connect the relay harness' green wire to the green wire in the device harness.

