



Installation Guide (Standard)



GoldStar Edge™ GPS Device

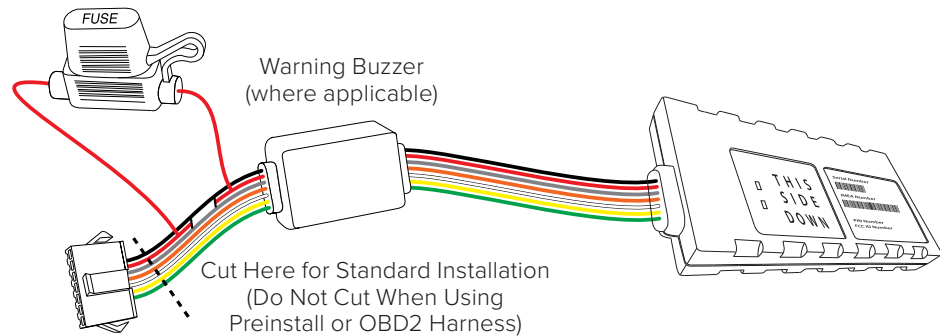
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Installation Options:

Depending on each of the optional accessories you've chosen, if any, the Edge can be installed in one of three ways:

1. The standard installation simply cuts off the quick disconnect on the device harness and hard-wires it to the vehicle.
2. The optional pre-install harness can also be hard-wired using the same steps to make use of the quick disconnect on the device harness.
3. The third option uses an OBDii pass through cable that plugs into the vehicle's OBDii port and also features a quick disconnect which connects to the one on the device harness. (Not compatible w/ optional warning buzzer).

Wire Diagram Installation (Standard):

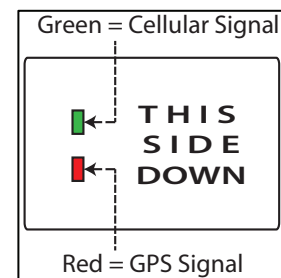


Standard Installation Instructions:

1. Splice the supplied in-line fuse into the red wire in the device harness. (Failure to install fuse may result in vehicle and / or device damage).
2. Using a digital voltmeter, locate a constant 12V source (meter should read 12V with the vehicle's ignition in the off position) and a solid chassis ground location.
3. Find a mounting location for the Edge that is clear of metallic obstructions from above that could cause interference with GPS signal reception. Be sure that the Edge is mounted in a manner that positions the printed 'This Side Down' indicator toward the floor of the vehicle.
4. For installations without the pre-install harness or OBDii pass-through cable, cut off the quick disconnect on the device harness and connect the red wire to your constant 12V source and the black wire to ground.
5. 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.

LED Troubleshooting

Flashing = Scanning for Signal
Solid = Signal Acquired



Important:

It may take five to seven seconds to see any LED activity and up to 15 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.

Optional Accessory Installation Instructions:

For installations using the optional warning buzzer, starter disable relay and socket, pre-install harness or OBDii pass-through cable, follow the standard installation instructions before proceeding to the steps below.

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 or (or pre-install harness, where applicable) to the switched power wire.

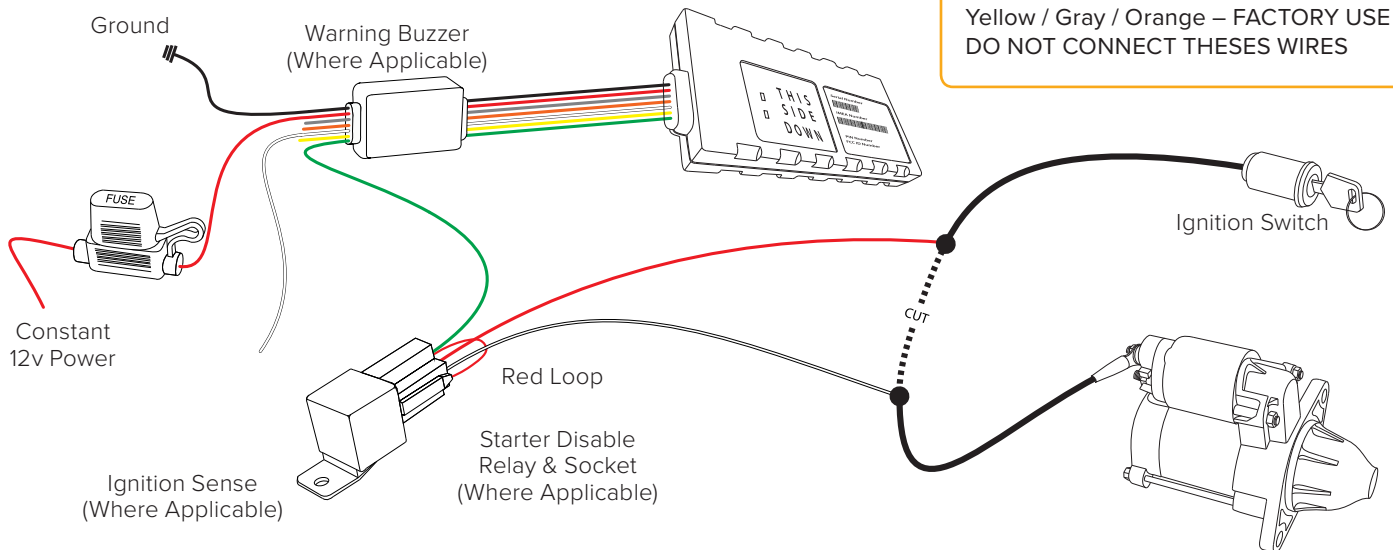
DEVICE WIRE DESCRIPTION

Black	Chassis Ground
Red	12VDC Constant Power
Green	Starter Relay Trigger
White	Ign. Sense/Warning Buzzer

RELAY WIRE DESCRIPTION

Green	Green wire from device (Grn to Grn)
Red	Ignition Switch
White	Starter
Red Loop	Relay Power distributor

Yellow / Gray / Orange – FACTORY USE ONLY!
DO NOT CONNECT THESE WIRES



Optional Starter Disable Relay and Socket Installation Instructions:

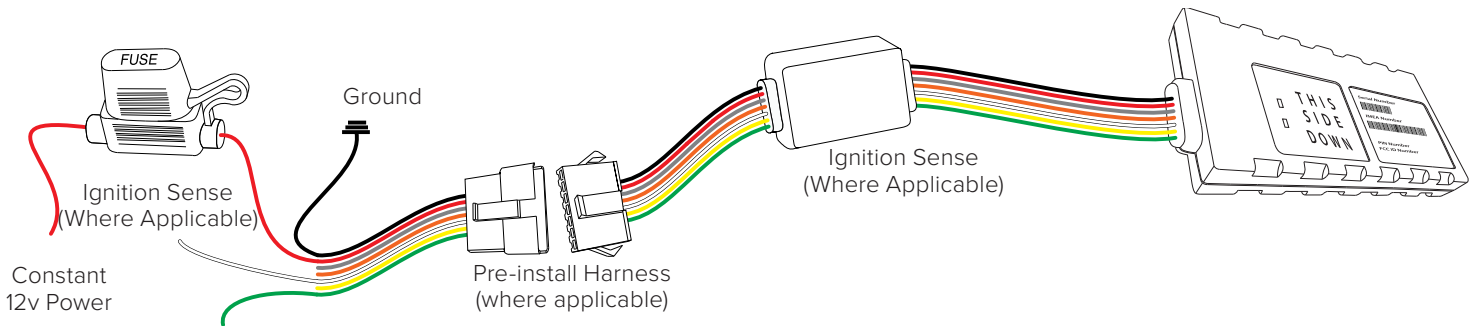
1. Using a digital voltmeter, locate the wire connecting the vehicle's ignition switch (or ECM) to its starter and cut it. This wire should only be hot when the vehicle's key is in the start / crank position.
2. Connect the relay harness' red wire to the ignition side and the white wire to the starter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

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 Pre-install Harness Installation Instructions:

1. Connect the red wire from the open end of your pre-install harness to the constant 12V source you've located in Step 2 of the standard installation; and the black wire securely to chassis ground.
2. To install the Edge, mount the device as instructed in Step 3 of the standard installation before plugging the quick disconnect on the device harness into the one on the pre-install harness.

Wiring Diagram – Optional Pre-Install Harness



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 3 of the standard installation before plugging the quick disconnect on the device harness into the one on the passthrough cable.

Wiring Diagram – Optional OBDii Pass-through Cable

