



Installation Guide (Standard)



GoldStar Edge™ M

GPS Device

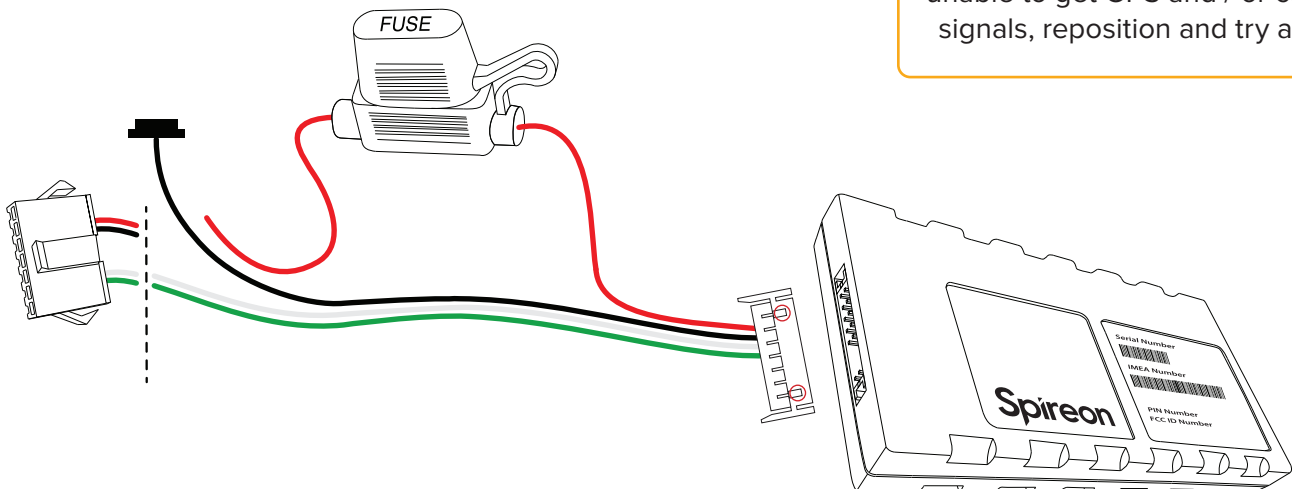
Installation Options:

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

1. The Edge M device is equipped with a pigtail.
2. The supplied wire harness is just like the pre-install harness.
3. The third option uses an OBD-II pass through cable that plugs into the vehicle's OBD-II port and also features a quick disconnect which connects to the one on the device harness. (Not compatible w/ optional warning buzzer).

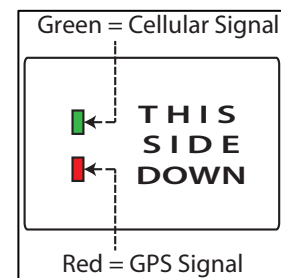
Standard Installation Instructions:

1. Cut the 7-pin pigtail.
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. Always install the ground wire first.
3. Find a mounting location for the Edge M that is clear of metallic obstructions from above that could cause interference with GPS signal reception. Be sure that the Edge M is mounted in a manner that positions the printed 'This Side Down' indicator toward the floor of the vehicle.
4. The Edge M is equipped with an accelerometer to detect harsh driving conditions. The Edge M needs to be rigid when mounted by securely attaching it to a wire bundle of at least 8 conductors or more. The Edge M wire harness is equipped with a quick connector.
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 up to 7 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 OBD-II 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.

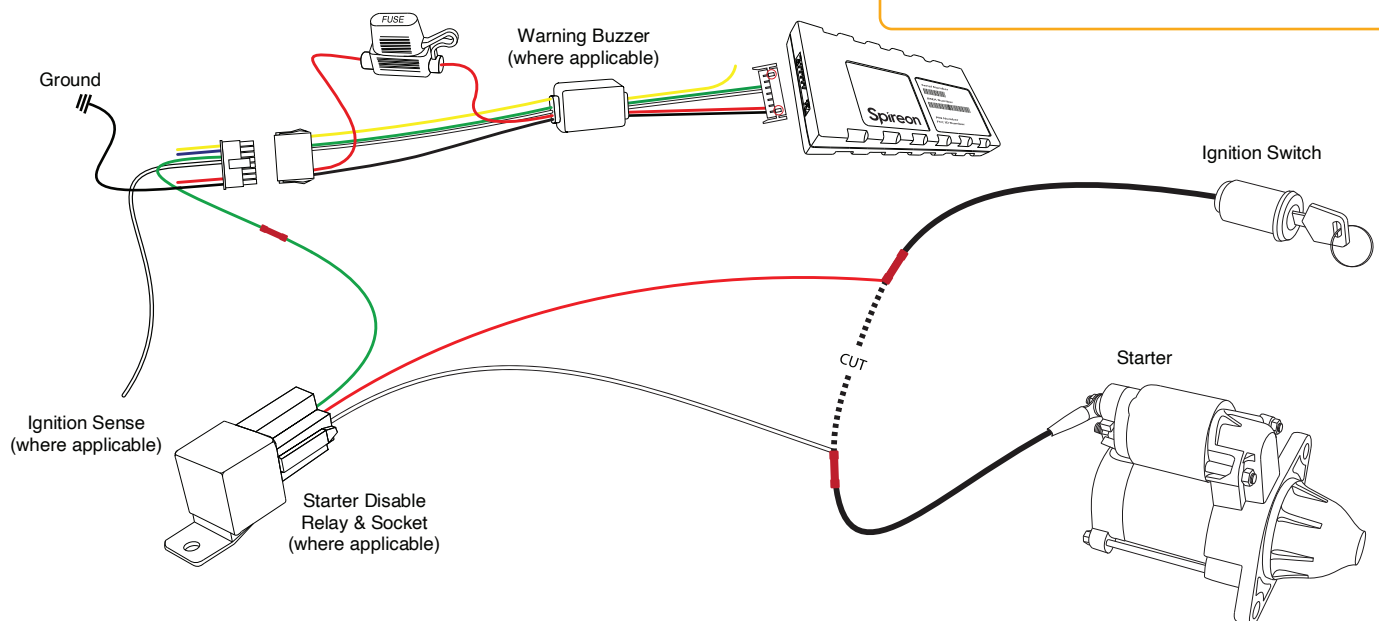
Optional Starter Disable Relay and Socket Installation Instructions:

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.

DEVICE WIRE DESCRIPTION

Black Chassis Ground
Red 12VDC Constant Power
Green Starter Relay Functionality
White Ignition Sense
Yellow FOR FACTORY USE ONLY! DO NOT CONNECT THESE WIRES

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 M, 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.

Optional OBD-II Pass-through Cable Installation Instructions:

1. Unclip or unscrew the vehicle's stock OBD-II plug from its mounting location.
2. Plug the OBD-II pass-through cable into the stock OBD-II port and clip or screw the opposite end into the stock plug's original mounting location.
3. To install the Edge M, 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.

