



## 1 Select in-vehicle device location

An appropriate location would be just under the plastic "top skin" of the dash, just above/behind the cluster

- ◆ The device is not weather resistant. It must be installed inside the cabin of the vehicle away from any dirt or water.
- ◆ The device uses both Cellular and GPS networks to function. Install the device as high up in the dash as possible. Do not cover with metal or position near any source of interference (Radio, Cell Booster, etc.).
- ◆ The device is meant to be covertly installed. Install the device in a location where it cannot be easily detected or tampered with.
- ◆ The device has several antennas inside it and must be installed with the correct side "Up". The stickers on the device will indicate the correct orientation.
- ◆ DO NOT connect the device to the 16 pin harness until all connections have been secured and tested.

## 2 Connect ignition

In order to function properly the device needs to be connected to a suitable "True" Ignition source

- ◆ This source has battery voltage whenever the vehicle is turned on and zero volts whenever the vehicle is turned off.
- ◆ This source does NOT drop in voltage during crank.
- ◆ Connect the White wire of the 16 pin harness to this ignition source.
- ◆ This source must operate the same when starting by key or by remote starter.
- ◆ If connecting starter disable, the ignition source must provide sufficient power to trigger the relay.

## 3 Connect constant power

The device requires a minimum 12V constant (Battery Power) on this line to function

- ◆ Do not remove/bypass the fuse.
- ◆ Connect the Red wire of the 16 pin harness to this constant 12V source.

## 4 Connect ground

For best results, create a new connection to bare-metal chassis ground

- ◆ Do not use a shared ground or supplied ground from any module or device.
- ◆ Connect the Black wire of the 16 pin harness to this ground.

## 5 Connect starter disable

The device prevents the vehicle from starting by triggering a relay to open and disconnect a "Vehicle Start Interrupt Wire". Starter disable is optional, please check with your supervisor before proceeding.

### Connect the relay to the 16 pin harness:

- ◆ Connect the Black wire from Relay Harness (86) to the Green wire of the 16 pin harness.
- ◆ Connect the White wire from Relay Harness (85) to the White wire of the 16 pin harness.

### Connect the relay to the vehicle start interrupt wire

#### (DO NOT USE A WIRE THAT WILL SHUT DOWN THE VEHICLE WHEN RUNNING)

- ◆ This is a wire that if cut will prohibit the vehicle from starting by any method.
- ◆ Be sure to test after the wire is cut that the vehicle cannot be started AND when reconnected the vehicle starts without fault codes.
- ◆ Due to data bus systems on newer vehicles this wire may not be at the ignition switch.
- ◆ Connect the Red wire of the Relay Harness (87a) to one side of the cut Vehicle Start Interrupt Wire.
- ◆ Connect the Blue wire of the Relay Harness (30) to the other side of the cut Vehicle Start Interrupt Wire.

## 6 Test connections

- ◆ Ensure Red wire of 16 pin harness has constant 12 volts. Measure between Black and Red pins on the harness with a multi-meter.
- ◆ Ensure White wire is a TRUE ignition source. Measure with a multi-meter to ensure voltage does NOT drop out during crank. Should have zero volts when vehicle is not running.
- ◆ Confirm Starter Kill connections. Remove relay from the relay harness. The vehicle should not start by key or by remote starter.

## 7 Plug the device into the 16 pin harness

Device LED's should illuminate once plugged in.

## 8 TEST DEVICE

Call the Toll Free number BEFORE CLOSING THE DASH