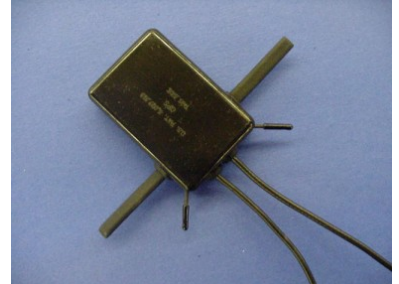


Trak iT Wireless Pinpoint X Install Instructions:

Antenna

Mobile Mark CVX-U15-1A2C is the standard antenna for Trak iT installations. This is a covert antenna and usually gets installed under the plastic dash, closest to the surface, where there is no metal. This will only work if the windshield of the vehicle is slanted. This antenna is not rated for outside so please keep it in the cab where it has line of site to the sky. Our preferred method is always covert.



Modem – 4-hour low power mode (Standard Method)

The modem is also installed in the dash in a covert fashion. Standard install is to hook up the power harness only to ground, constant and ignition sense. Only use an Input/Output harness if additional inputs need to be monitored. The Pinpoint X power harness has three wires Black, Red and White.



- Black: connected to ground
- Red: connected to constant power use an inline fuse holder with a 2 Amp fuse.
- White: connected to ignition White: connected to ignition. (See tips section for preferred ignition sense wire)

With this wiring configuration the modem's cellular radio will shut down completely 4 hours after ignition is shut off and only come back online when the ignition is re-started. The GPS radio stays on, collects GPS data and sends it in to Fleet Freedom once the ignition is re-started.

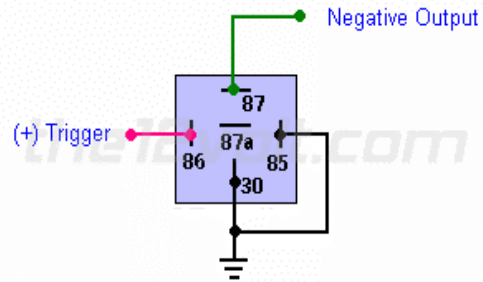
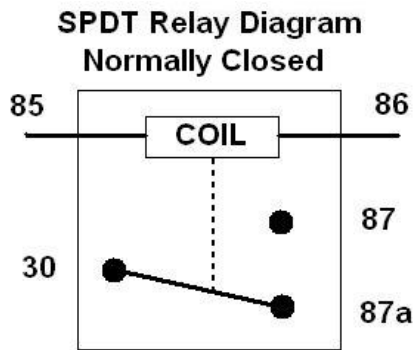
Tips

- The ideal place to get power is at the ignition switch by the steering column or at the fuse panel but hard wired. Tapping to fuses is not acceptable in any circumstances.
- Some vehicles have a dedicated ignition wire, which more accurately represents ignition. These are typically 18-wheel tractors. Look for that first and use it if possible.
- The ignition wire on the power harness should be connected to the vehicle's "Accessory for position 2", for ignition sense. If you use accessory position 1, Fleet Freedom will inaccurately show idling events for ignition off radio usage.

****See next page for Input harness wiring instructions****

****This step is only required if you are hooking additional inputs to the modem using an input harness****

Additional inputs using the harness at the front of the modem require the use of a relay for each input used.



Pin 30 and 85 have to be connected to ground.

Pin 86 is your trigger (ignition sense or any other application)

87 is your output from the relay that it has to be connected to one of the digital inputs:

Pin 87 will be connected to chosen digital input.

**Note: you will need to wire another relay if a second input is needed.
One relay per input needed.**