Prerequisites

Required Information *[*needed for final activation of hardware - see last page]*

- Name of asset* *(ex: Propane Truck #20)*
- Detailed information about the asset* *(year, make, model, VIN, license plate, etc.)*
- State, area, organization, or group the asset belongs to *(ex: North Region, MN tankers, etc.)*
- ESN of each device to be installed* *(ESN is found on the back of each unit with a barcode)*
- Current odometer reading and engine hours

Required Equipment

LMU

Power Harness

Fuse Taps
2 Standard, 2 Mini

Required Tools

- Drill and assorted drill bits
- Slotted, Philips, and/or Torx bits *(you may need tamper resistant Torx bits)*
- Panel removal tool or plastic pry bar *(to remove dash panel(s) as needed)*
- Small socket set
- Zip Ties *(to hold cabling in place)*

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⚠️ Before You Begin

TURN TO THE LAST PAGE - WRITE DOWN THE REQUIRED INFORMATION!!!

- Decide where the hardware components will be located. If necessary remove any dash panels with removal tool.
- Device should be secured within reach of the diagnostic cable to be installed.
- Must be protected from moisture, excessive dust/dirt, heat (away from heater vents) and unobtrusive to driver operation or field of view.
- Routing of the cable between the factory diagnostic port and the telematics device does not cause excessive bending/kinking or areas where vibration may jeopardize the integrity of the hardware.
- Cabling must not impede function of any rotating or moving parts (ex. Steering mechanisms, wiper mechanisms, or brake pedal)
- Ensure that the mounting location has enough integrity to accommodate the additional weight and vibration of the device.
- Label side must face the sky.

Connect Power Harness to LMU

STEP ONE

Plug the 24 Pin connector from the power harness into the back of the telematics device.

LMU

Power Harness

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3-Wire Installation

STEP ONE

The Red wire *(power)* should be connected to a constant 12-24VDC power source found at the key source or the fuse panel *(fuse taps are provided in the hardware kit if needed, however soldering is the recommended connection).*
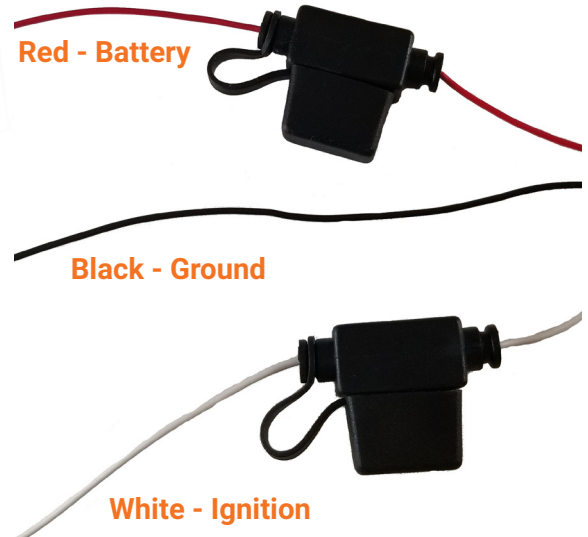
STEP TWO

The Black wire *(ground)* should be securely fastened to a grounded screw or chassis ground.

STEP THREE

The White wire *(ignition)* is the ignition event wire that is best installed directly to 12v switched ignition wire. Ensure that power to the ignition wire is available ONLY when the vehicle ignition is turned on.

All makes and models of vehicles are different – we recommend knowledge of the particular vehicle's constant and ignition wiring prior to installation.

Red - Battery

Black - Ground

White - Ignition

Testing / Confirmation Steps

• **Start** the asset's engine and let it run.
• LED indicator lights will blink then turn solid. (Green/GPS & Orange/Comm)
• If the lights continue to blink, reconfirm all connections.

Blue = Bluetooth/WiFi

Red = Power

Orange = Comm

Green = GPS

Call Pedigree Technologies support to confirm installation **before** replacing any of the dash panels you may have removed during cable installation.

Install Confirmation: 701-499-0022
You will be prompted for the following information during the set up process

• Device ESN

• Name of Asset (ex. Service Truck 51)

• Year, make, and model

• VIN #

• License plate #

• Mileage   Hours