

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
- Type of diagnostics connector, if possible (6 pin, 9 pin square flange, 9 pin round threaded, J1962, Type II, etc.)

Required Equipment



LMU



**Diagnostic Y
Cable****



Antenna

**** Diagnostics Y Cables will vary depending on make, model, year of vehicle. The cable pictured may not be the exact cable shipped.**

Required Tools

- Drill and assorted drill bits (ex. to mount cradle, drill hole for antenna)
- 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)



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.

Heavy Fleet Vehicles /JBus Diagnostics Port

STEP ONE

Attach the male DB15 connector to the telematics device and tighten the side screws by hand, do not overtighten.



Heavy Fleet Vehicles /JBus Diagnostics Port *(continued)*

STEP TWO Remove the factory diagnostic cable from its factory mount. *(not pictured)*

STEP THREE Connect the factory diagnostic cable to the female diagnostic connector of the Diagnostic Y Cable *(rotate clockwise until it "clicks")*.

Diagnostic Y Cable

**** Diagnostic Y Cables will vary depending on make, model, year of vehicle. The cable pictured may not be the exact cable shipped.**



STEP THREE

Replace the factory diagnostic cable with the male diagnostic connector of the Diagnostic Y Cable by installing it into the factory location previously occupied by the factory diagnostic cable.

OPTIONAL Older model trucks that have a 6 pin diagnostic cable will need a 6-pin to 9-pin adapter between the factory diagnostic cable and the Diagnostic Y Cable.



Replace Factory Diagnostic Cable with Male Diagnostic end from Diagnostic Y Cable

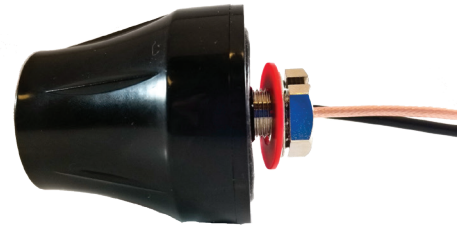
Antenna Connection



- Antenna clearly marked **"THIS SIDE FACES THE SKY"**
- The antenna should be placed with a **clear view to the sky**, with no metal obstructions above or overhead.
- Mounting the antenna to the bottom side of a plastic dash panel is acceptable, but a window location without obstruction to the driver is preferred.

DOME ANTENNA

Drill a hole in the desired mounting location on your asset. Ideally, it would be mounted to a steel surface for the best results. Please take into consideration you cannot drill into or otherwise modify ROPS systems. Fasten in place using the nut and washer.



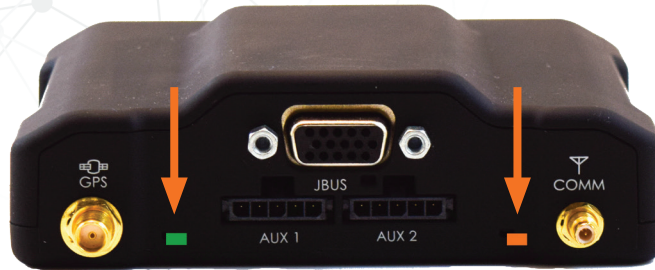
Dome Antenna

The antenna includes two attached cables that will attach to the telematics device. The ports are unique and only fit each corresponding correct port.



Testing / Confirmation Steps

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



Once the lights are solid, call your Pedigree Technologies Installation Support representative to confirm and finalize the 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