

## 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**



**Cradle**



**Tablet**



**Cradle Mount**



**In-Cab Readiness Kit**  
(booklet, stickers, DOT reference card)



**Diagnostics Y Cable\*\***

OR



**VPod2 Cable**  
(if ordered)



**Accessory Harness**



**LMU to Cradle Cable**

- (5) #8 Self-tapping Screw 3/4 inch
- (5) M4 Screw 12mm
- (5) M4 Screw 8mm
- (5) M4 Steel Nut
- (11) M4 Star Lock Washer
- (2) M4 Tamper Resistant Button Head HEX Screw 16MM

**Hardware Pack**  
(supplied hardware is optional and some may not need to be used)

\*\* 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)
- Slotted, Philips, and/or Torx bits (you may need tamper resistant Torx bits for tablet screws)
- 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

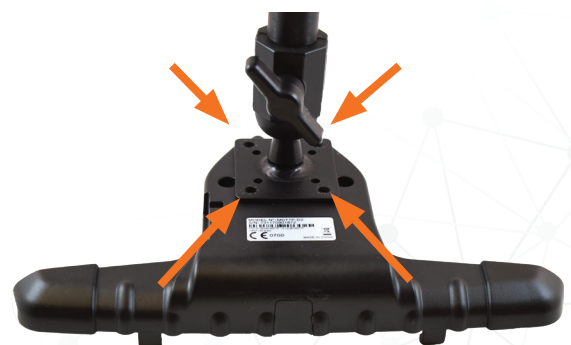
### TURN TO THE LAST PAGE - WRITE DOWN THE REQUIRED INFORMATION!!!

- 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 should not cause excessive bending/kinking or be located in 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.

## Mount Cradle

### STEP ONE

Attach the Cradle Mount to the back of the Cradle. Use the four short machine screws and star lockwashers.



### STEP TWO

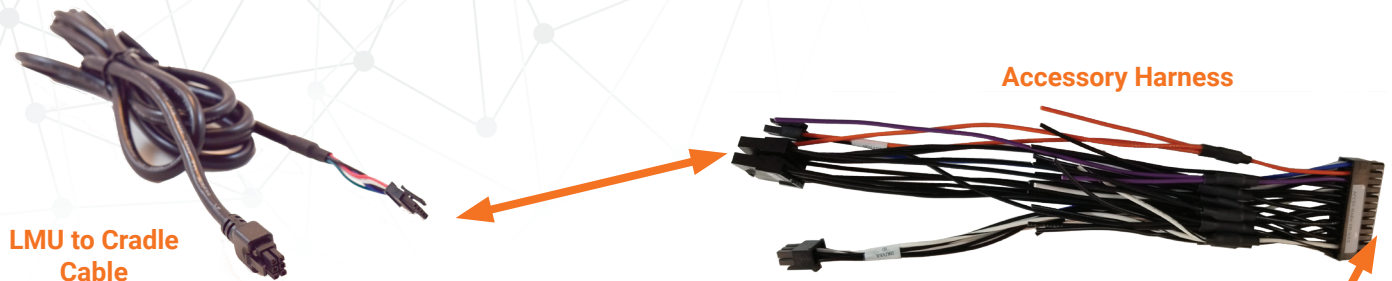
Attach the Cradle Mount to the vehicle dash in a location where the driver can easily view without obstruction. (not pictured)

*Optional:* Use the (2) 16MM HEX screws to secure the tablet to the cradle. **Note:** the driver will not be able to remove the tablet from the cradle.

## Mount Cradle *continued*

### STEP THREE

Plug the 5 Pin connector from the LMU to Cradle Cable into the Aux 1 port of the accessory harness.



### STEP FOUR

Plug the 24 Pin connector into the back of the telematics device.



### STEP FIVE

Plug the 6 Pin connector from the LMU to Cradle Cable into the side port of the cradle.



*Cradle shown with  
tablet connected*

## Connect to Asset Diagnostic Cable

Diagnostic Y cables will vary depending on make, model, year of vehicle. The cable pictured may not be the exact cable shipped. Be sure to verify that the diagnostic Y cable that you are installing is the correct cable for this asset.



### STEP ONE

Remove the vehicles's factory diagnostic cable from its factory mount.

### STEP TWO

Connect the factory cable to the female diagnostic connector of the diagnostic Y cable (rotate clockwise until it "clicks")

Replace original factory  
diagnostics port



Connect to factory  
diagnostics port



### STEP THREE

Replace the factory connector with the male diagnostic connector of the diagnostic Y cable.



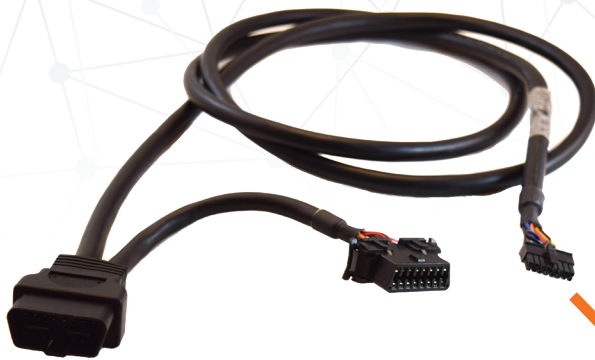
*JBUS style factory diagnostics port*



## Connect Diagnostic Cable to Telematics Device

### STEP FOUR

Run the 16 pin Molex connector to the location of the telematics device.



OBDII Style Cable

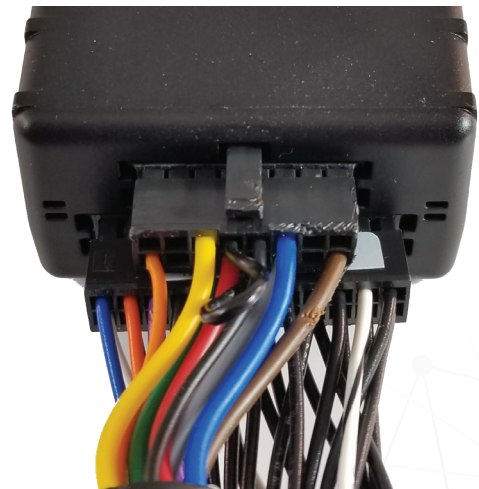
OR



Jbus Style Cable

### STEP FIVE

Connect the 16 pin Molex connector to the back of the telematics device.



LMU

### STEP SIX

Securely mount the telematics device without metal obstruction between device and the sky if mounting inside the dash area. (Label side faces the sky.)

## Testing / Confirmation Steps



Place the ELD Instruction Booklet inside the vehicle (required by law). If required, adhere the ELD Sticker on the driver side of the vehicle near the driver's door. The final test step requires the asset to be outside with a clear view of the sky.

- **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.



Once the lights are solid, call your Pedigree Technologies Installation Support representative to confirm and finalize the installation **before** replacing any of the dash panels you may have removed during installation.

**NOTE:** ELD indicator light on the cradle will blink red when engine is running. (The light will not stop blinking until a Driver logs into their account on the tablet which is not necessary for this 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