

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

Required Equipment



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ELD Malfunction Indicator



Accessory Harness

- (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)



Diagnostic Y Cable**

OR



OBDII Cable
(if ordered)



In-Cab Readiness Kit

(booklet, stickers, DOT reference card)

** Diagnostic 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 indicator light)
- 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)

PedigreeTechnologies.com | Support: (701)-499-0022



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.
- ELD Malfunction Indicator light must be mounted in a location that is visible to the driver from the normal driving position.

ELD Malfunction Indicator Light Assembly



STEP ONE

Place O-ring behind light

STEP TWO

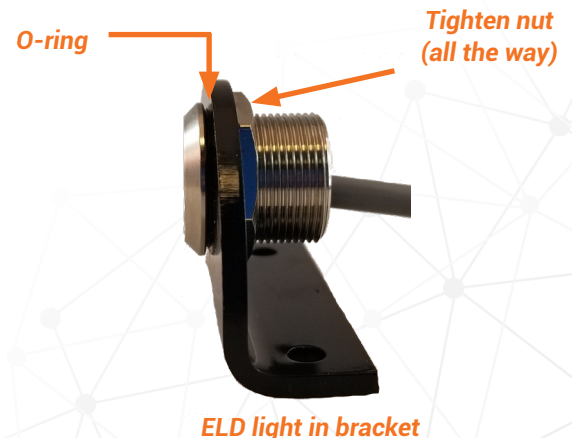
Feed cable through bracket.

STEP THREE

Secure with nut.

STEP FOUR

Attach bracket to dash with self-tapping screws.
(Review "Before You Begin" for mounting location.)



ELD Malfunction Indicator Light *(continued)*

STEP FOUR

Run ELD Malfunction Indicator Light cable to the telematics device and plug into the 6 pin connector of the accessory harness.

ELD Malfunction
Indicator Light cable



STEP FIVE

Plug the 22 Pin connector into the back of the telematics device.

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Accessory Harness



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.



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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.



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