



VT-400 HD Installation with FEU

This guide will provide instruction for a VT-400 HD Installation with a FEU (Fleet Expansion Unit)



INTRODUCTION

Some parts, ex. diagnostic cable, are vehicle specific. For this installation example we will be using a standard Type 1 9 pin diagnostic cable. While your installation may require a different diagnostic cable, the following installation steps will still apply. We provide separate guides for any exceptions.

Review the link below before installation

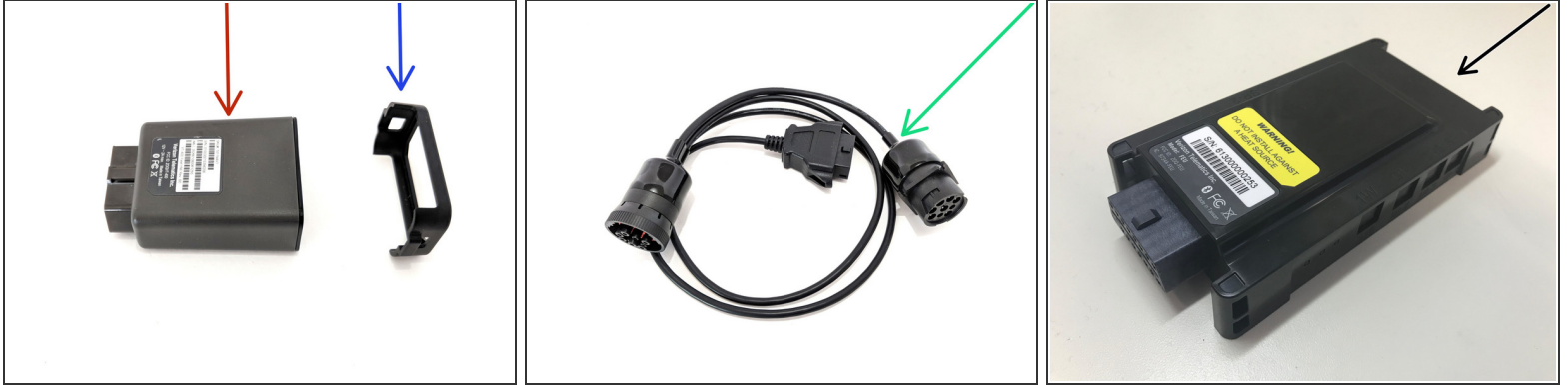
[Telogis General Best Practices](#)



PARTS:

- VT-400 (1)
 - Diagnostic cable - Vt-400 - HD - Type 1 9 Pin - Standard (1)
-

Step 1 — Part Identification



- Vt-400 device
- Harness endcap
- Diagnostic cable *(need to update with correct FEU cable)*
 - ⓘ *This example is a standard type 1 9 pin*
- FEU (Fleet Expansion Unit)

Step 2 — ESN Identification



- Record ESN

⚠ When entering into any Telogis system a prefix of **10:** must be added to the ESN

i **EX. 10:010030015356208**

- It is recommended to document the FEU S/N in the Comments of the Installer application.

i **EX. 613000000253**

Step 3 — Link Device

Sign in with your Telogis account ...

Email or Username

Password

Remember Me

SIGN IN

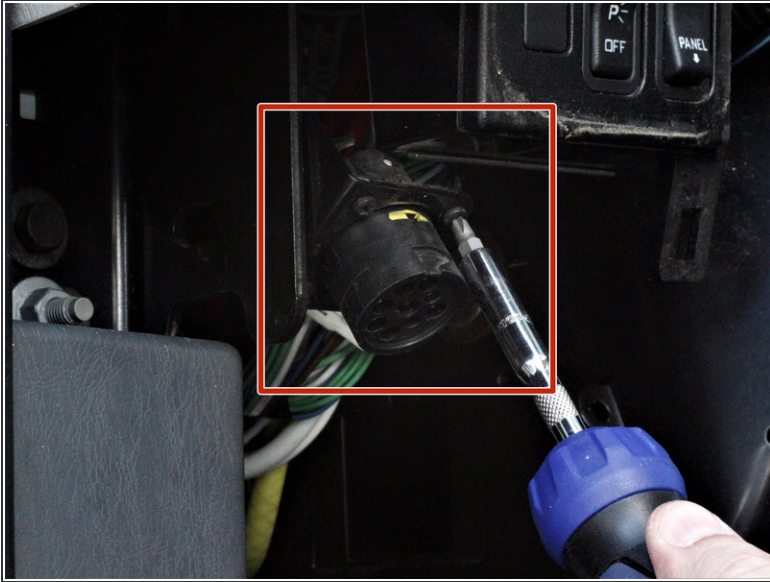
- Log into the Telogis Hardware Installer app to link the device
- ✦ Use this [Quick start guide](#) for using Telogis Hardware Installer.
- ⓘ If you do not have a log in record the ESN and see last step for instruction

Step 4 — Installation



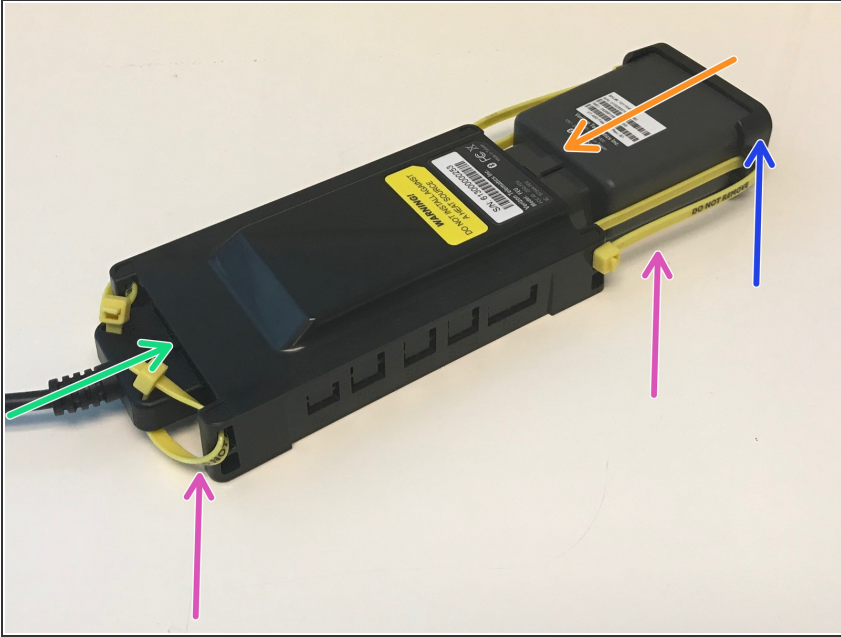
- Find a location for the device to be installed
- ⚠ Device should not be in plain sight
- ⚠ Label side should have clear line of sight to the sky
- ⚠ Device should not be installed directly under metal

Step 5 — Installation



- Install the provided diagnostic cable in line with the OEM diagnostic connector.
 - Remove the OEM diagnostic connector
 - Install the provided diagnostic cable in line
 - Install the provided diagnostic cable into the OEM location
- ⚠ Neatly secure connectors & cable

Step 6 — Installation



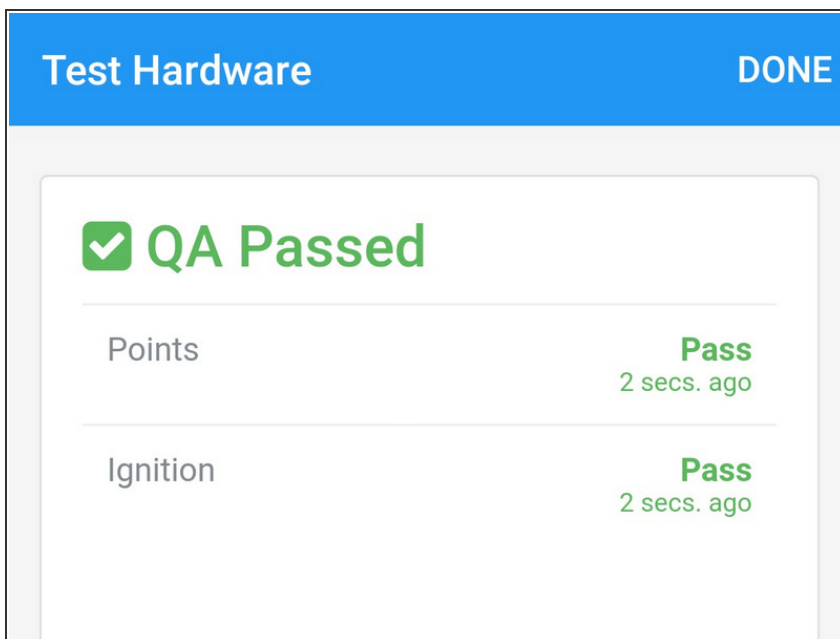
- Run the remaining long end of the provided diagnostic cable to the location where the device is to be installed
- ⚠ Secure cable along the way, staying clear of any moving parts
- Plug the provided diagnostic cable into the FEU.
- Plug the VT-400 into the FEU.
- Place the provided endcap over the end of the device
- Secure the device to the FEU and diagnostic cable to the FEU by installing the provided yellow security ties as seen here
- ⚠ ensure that the "Do Not Remove" label is visible

Step 7 — Installation



- ✦ If you haven't already, record the device ESN
- ⚠ Secure the device & any excess cable staying clear of any moving parts, heat sources, or safety systems.
- ⚠ The device should have a clear unobstructed line of sight to the sky
- ⚠ The device will "see" through plastics, glass, & some composites
- ⚠ The device should not be secured directly under metal

Step 8 — Verify Operation



- At this time you may complete QA in the Telogis Hardware Installer app
- If you do not have access to Telogis Hardware Installer app:
 - Call support 1-877-943-7306
 - Have the device ESN and vehicle information ready

Step 9 — Regulatory Information

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Canada

Industry Canada English: This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Industry Canada Français: Le présent appareil ne doit pas produire d'interférence, y compris l'interférence qui peut causer un fonctionnement indésirable de l'appareil. Les conditions sont: 1) l'appareil ne doit pas produire de brouillage; et 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique susceptible de causer un fonctionnement indésirable de l'appareil.

Déclaration d'exposition aux radiations: Cet équipement est conforme aux limites d'exposition aux rayonnements FCC /IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

● Regulatory Information

See www.telogis.com/privacy-policy for more information.