

**Continental**   
The Future in Motion

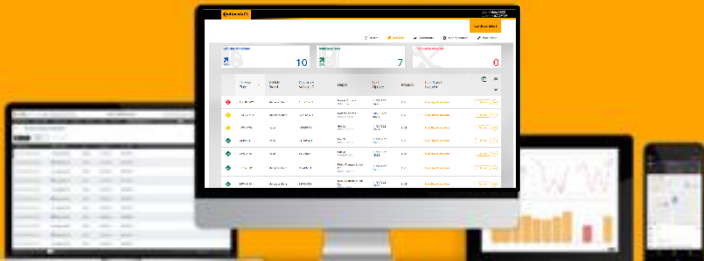
**ContiConnect Live via QUESTAR**  
Installation training

Driving Knowledge

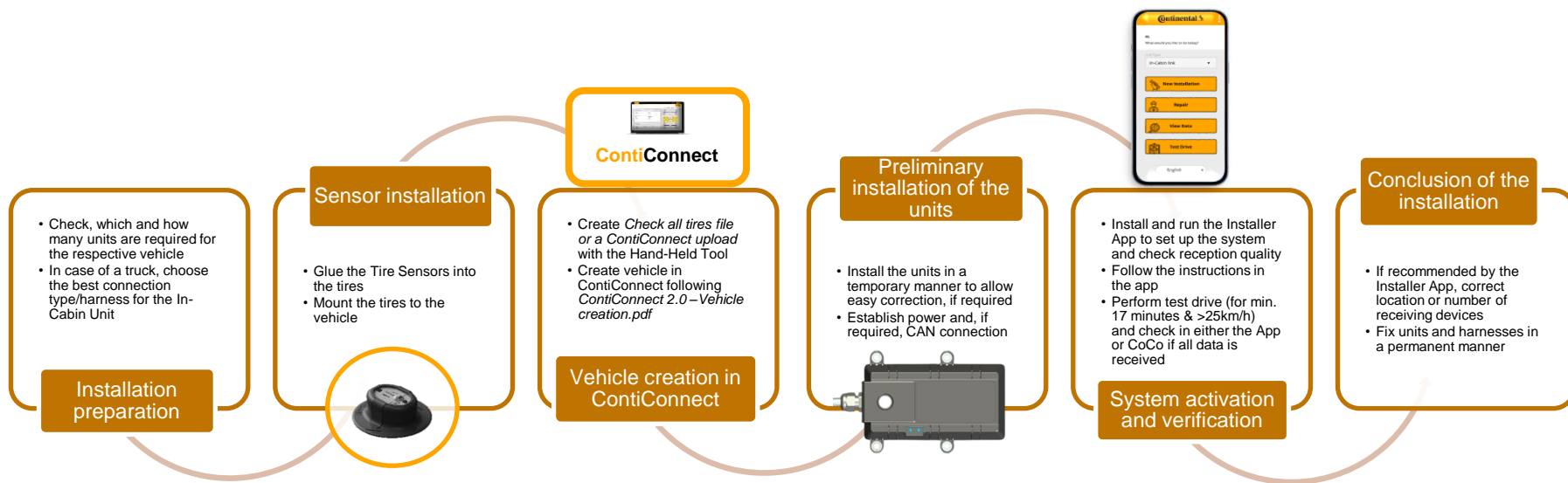
Technical  Customer Services

# Agenda

Overview	3
Hardware	5
Kit & component overview	13
Vehicle types	16
Unit installation location	22
Installation process	26
Installation photos	47
RSSI	51
Installer App	55
Trouble Shooting	65



# Installation sequence



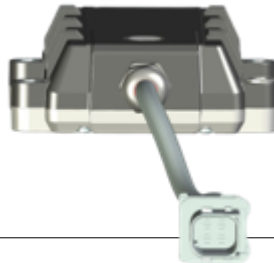
# Hardware

# Hardware

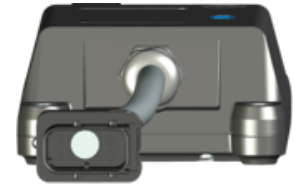
## In-Cabin Unit



## Enabler Unit



## Trailer Unit



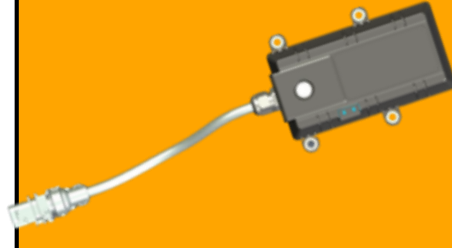
# Hardware

## In-Cabin Unit



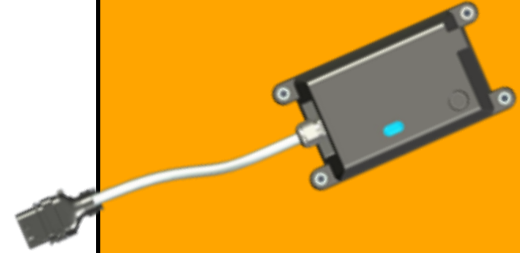
- IP 42
- 6 pin
- 2G/4G CATM / 4G CAT1, cellular
- Gyro
- Internal GPS and cellular
- RF 433 MHz
- CANBUS x2
- CANBUS FD (Third CANBUS)
- J1708 Support
- Internal battery

## Enabler Unit



- IP 69K
- Small size & weight
- 6 pin
- RF 433 MHz
- Works as a repeater

## Trailer Unit



- IP 69K
- 2G/4GM/4G1 cellular modem
- Gyro
- Internal GPS and cellular
- RF 433 MHz
- Internal battery (For daily wake-up in standstill)

All units need only power supply. The communication between the units is wireless. Simply chose the nearest constant power source (side lamp, battery, fuse/trailer box or others).

# In-Cabin Unit

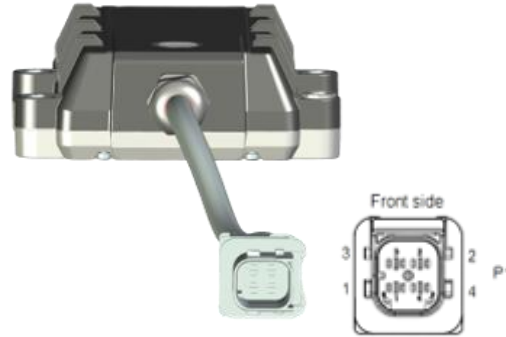
Pin	Signal Name	Description	Wire Colors
1	( + )	Battery Positive – Unit Main Power +9VDC to +32VDC	Red
2	Ignition	Ignition sense Input	Green
3	Analog In3	Analog Input 3 with Pullup option (Max 52V)	Orange
4	CAN 0 High	CAN Bus 0 (Read-write by default) High	Orange / White
5	CAN 0 Low	CAN Bus 0 (Read-write by default) Low	Yellow / White
6	( - )	Battery Negative (GND)	Black

The In-Cabin Unit is receiving signals directly from the sensors and from the Enabler Unit. It is sending the information each 5 min to the backend (special events, like e.g. a fast pressure loss, will be send immediately).

The connection to the vehicle CAN is not a must to use the device as CoCo live enabler! It will deliver the vehicle mileage to CoCo (enabled with CoCo 2.0)

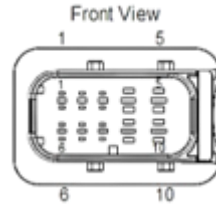
Internal battery for a controlled shutdown of the unit and covering short power disruptions.

# Enabler Unit



Pin	Signal Name	Description	Wire Colors
1	( + )	Battery Positive – Unit Main Power +9VDC to +32VDC	Red
2	RS232 RX	RS232 receive	Light blue
3	( - )	Battery Negative (GND)	Black
4	RS232 TX	RS232 transmit	Pink

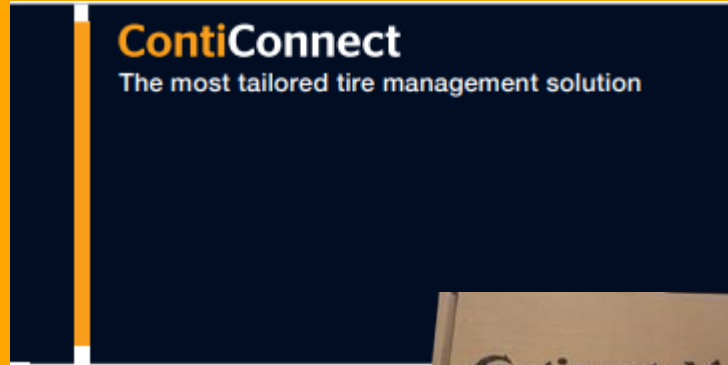
# Trailer Unit



Pin	Signal Name	colors
1	CAN-H	Orange/White
2	Output 1	White/Black
3	RS232-TX	Pink
4	IGN	Green
5	POWER-IN	Red
6	CAN-L	Yellow/White
7	NC	NC
8	RS232-RX	Light Blue
9	GND	Black
10	GND	Black

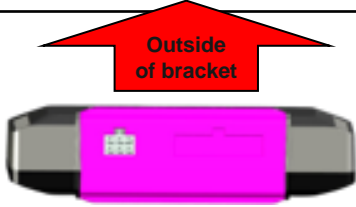
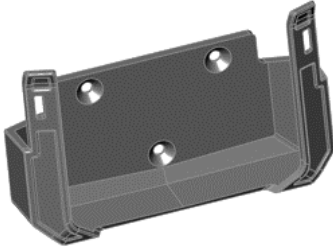
The Trailer Unit is equipped with a battery which enables the unit to send data to CoCo daily (up to 4 weeks) when not connected to external power source.

The units are delivered with a partly charged battery, which enables usage of 8-10 days and should be connected to power for recharging latest after that period.




The Kit – what's in the Box?

# In-Cabin Unit (EU package)


Component Description	Picture
In-Cabin Unit	
Bracket	

Harnesses


DTCO



FMS


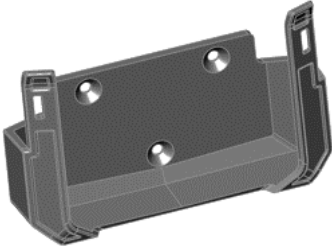


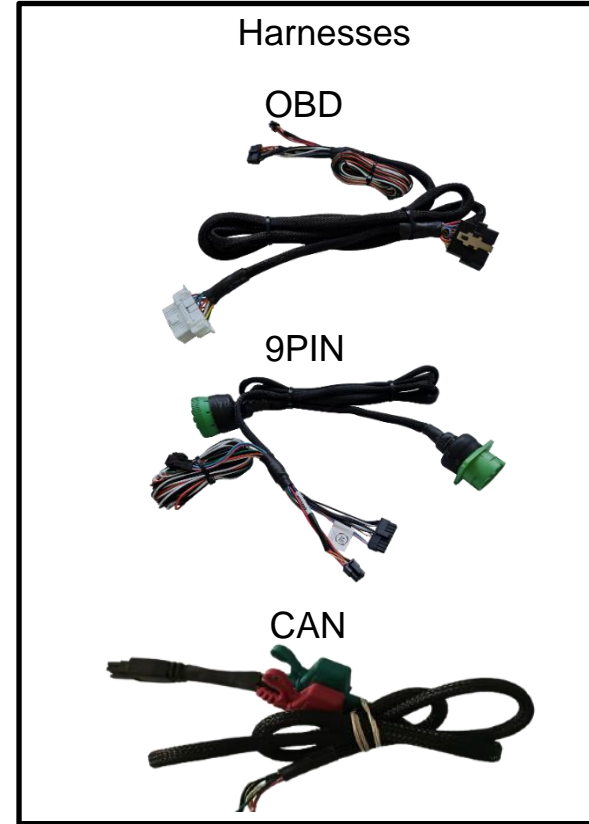
CAN



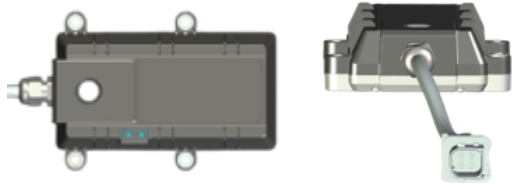


DTCO or FMS shall be used as preferred option!

# In-Cabin Unit (US package)

Component Description	Picture
In-Cabin Unit	
Bracket	

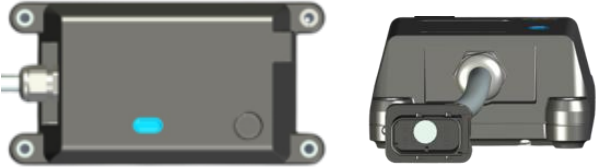
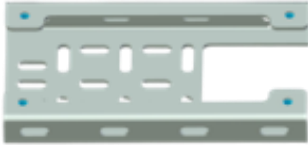



# Enabler Unit

Component Description	Picture
Enabler Unit	
Bracket	
Screw bolts	



# Trailer Unit

Component Description	Picture
Trailer Unit	
Bracket	
Screws	



# Vehicle types- trucks & buses



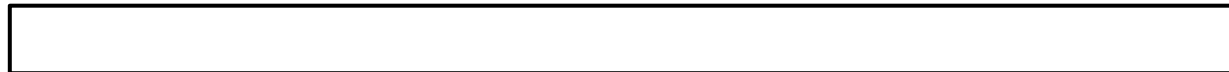
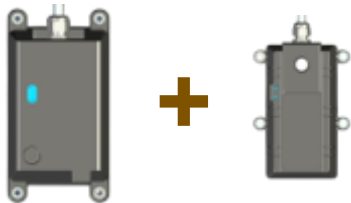
# Trailer

For the installation of an “ATL trailer” without solo function a truck with an In-Cabin Unit is required (GSM connectivity).  
Only an Enabler Unit on the trailer is needed.  
(s. CoCo set up on page 28)  
(to completely monitor the truck an additional Enabler Unit on the truck is needed as well, s. following pages)

## Trailer Unit



## Trailer Unit + Enabler Unit



## Trailer



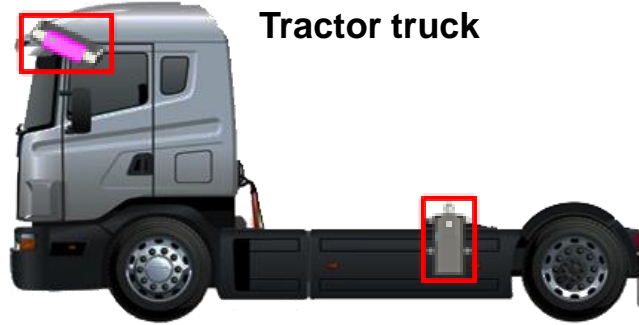
# Truck/Bus



In-Cabin Unit + Enabler Unit



Tractor truck



In-Cabin Unit + Enabler Unit



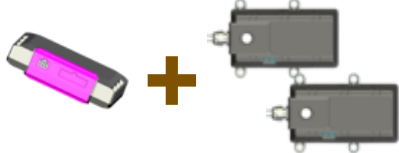
# Full vehicle 1



In-Cabin Unit + 3 Enabler Units



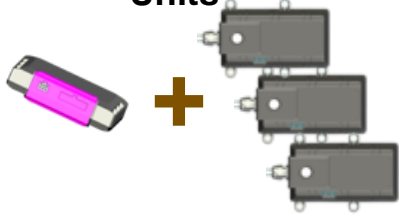
In-Cabin Unit + 2 Enabler Units



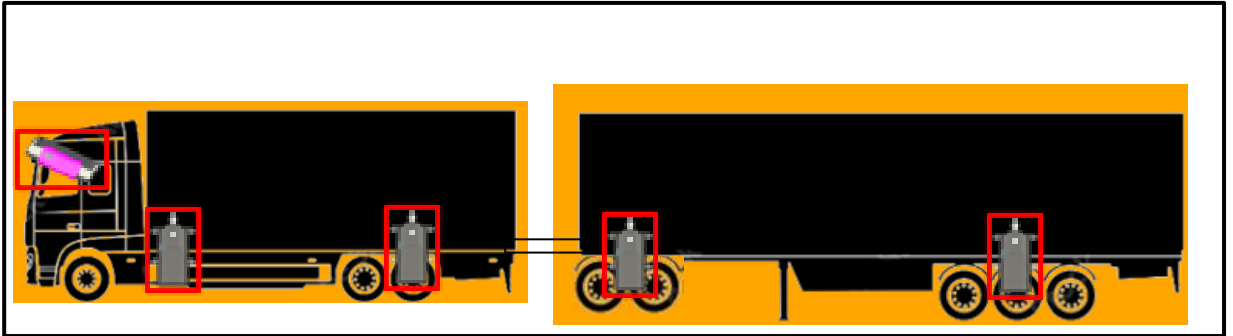
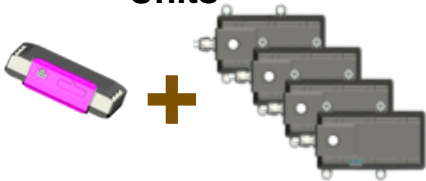
# Full vehicle 2



In-Cabin Unit + 3 Enabler Units



In-Cabin Unit + 4 Enabler Units



# What to order?

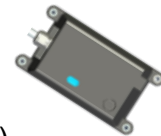
## Truck:

- › In-Cabin
  - › Unit (17342160000 In-Cabin Unit incl. Bracket)
  - › Harness (e.g. 17342290000 DTCCO Connector)
- › Enabler Unit
  - › Unit (17342210000 Enabler Unit)
  - › Bracket (17342500000 Bracket Enabler Unit - long)
  - › Harness (17342200000 Power Supply Harness Enabler Unit)
- › For long vehicles or vehicles with  $\geq 3$  axles an additional Enabler Unit is recommended. E.g:



## Trailer:

- › Trailer Unit
  - › Unit (17342170000 Trailer Unit)
  - › Bracket (17342490000 Bracket Trailer Unit)
  - › Harness (17342330000 Power Supply Harness Trailer)
- › For special trailer constructions an additional Enabler Unit is recommended. E.g.:



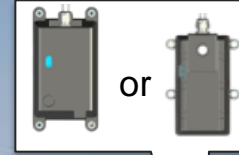
# Unit installation location

# Where & what should be installed?

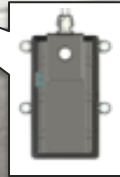




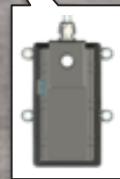
In-Cabin  
Unit



Trailer or Enabler  
Unit -  
Depending if  
trailer standalone  
monitoring is  
required



Enabler  
Unit



Enabler  
Unit



Enabler  
Unit

# Installation process

# Installation process

## General Overview

↓ Always conduct in this sequence ↓

- (1) Make sure there are sensors in all tires!
- (2) Set up the vehicle in CoCo (customer needs the *LIVE* option activated)

- (1) check all tires with HHT (in case of married use vehicle type truck in HHT)
- (2) upload to CoCo and configure as CoCo live
- (3) enter unit SN as *External vehicle ID*:
  - (1) Truck / Married: SN of In-Cabin Unit;
  - (2) ATL-Trailer: s. next slide
  - (3) Standalone Trailer: SN of Trailer Unit

- (3) Hardware Installation

- (1) In-Cabin Unit to be connected to power, ignition and CAN (either Tachograph, FMS or anywhere else – CAN connection is not a must to use the unit and transfer CPC data to CoCo)\*
- (2) Enabler Unit and Trailer Unit only to be connected to power

- (4) Installer App

- (1) The units are activated with the Installer App (page 62)
- (2) Guide through Installer App and finish process as described there

The screenshot displays the CoCo installation interface with three steps: Step 1 (Vehicle information), Step 2 (Axis configuration), and Step 3 (RCP, tire size and tires). The interface is divided into three columns: Basic vehicle information, Specify vehicle, and Conticonnect product type. The 'External vehicle/Hardware ID' field is highlighted with a red circle and an arrow pointing to the SN: 908002079 on the label. The 'Product type' is set to 'Live', and the 'Connectivity type' is set to 'In-Cabin Unit'. The 'External vehicle/Hardware ID' is set to '123456789'. The label also contains various technical specifications and QR codes.

Field	Value
License plate	Enter license plate
Country	Choose country
Customer vehicle ID	Enter customer vehicle ID
VIN	Enter VIN
Fleet *	Fleet Telematics Prod xx (0003247952)
Depot *	Fleet Telematics Prod xx (0003247952)
Vehicle status *	Active
Vehicle group *	Commercial Vehicle
Vehicle type *	Choose vehicle type
Manufacturer *	Choose manufacturer
Model	Choose model
Construction year	Choose construction year
Vehicle mileage	Enter mileage
Vehicle operating hours	
Product type *	Live
Connectivity type *	In-Cabin Unit
External vehicle/Hardware ID	123456789
Billing *	Choose billing options
Charge vehicle since *	Enter charge vehicle since

**Continental** Powered by Questar  
P/N Conti: 7342160000  
P/N: 1010177 V1.0  
S/N: 89450800235140663927  
S/N: 908002079  
FCC ID: XMR202004BG600LM3  
FCC ID: VPP1LB1LD  
IC ID: 10224A-20B3600LM3  
IC ID: 772C-LB1LD  
IP 42 9V-32V DC MAX 1.5 A  
IC: 29689-CONNECT HW: CONNECT  
FCC ID: 2A6DICONNECT  
In-Cabin Unit  
IMEI: XXXXXXXXXXXXX  
2023/06/14  
E24

\*The In-Cabin Harness must be at least connected to power and ignition.  
In case constant power is not used, no data will be transferred, if ignition is off  
(Power consumption of the In-Cabin Unit is very low).

# Installation process

## ATL-Trailer

For the installation of an “ATL trailer” without solo function a truck with an In-Cabin Unit is required (GSM connectivity). An Enabler Unit can be installed either on the rear of the truck or if reception is not sufficient on the trailer itself. The trailer needs to be created as separate vehicle in CoCo:

If the Enabler Unit is on the truck:

Specify vehicle

Conticonnect product type

Vehicle group \*  
Choose vehicle group

Product type \*  
LIVE

Vehicle type \*  
Trailer

Connectivity type \*  
In-Cabin-Link

Manufacturer \*  
Linde

External vehicle ID  
Not needed – blank!

Model  
Choose model

Remarks  
Enter remarks

Construction year

If the Enabler Unit is on the trailer:

Specify vehicle

Conticonnect product type

Vehicle group \*  
Choose vehicle group

Product type \*  
LIVE

Vehicle type \*  
Trailer

Connectivity type \*  
In-Cabin-Link

Manufacturer \*  
Linde

External vehicle ID  
Serial no. of the enabler

Model  
Choose model

Remarks  
Enter remarks

Construction year

Installer App -> Enabler Unit to be assigned to the In-cabin Unit of the truck

New Installation

In-Cabin Unit

Trailer Unit

Enabler Unit on ATL trailer

View Data

Installer App -> Enabler Unit to be assigned to a ATL trailer

# 1. DTCO

**Caution:** Insert Workshop card before altering any tachograph connections.

This cable is a splitter – occupied plugs can be used for existing and our connection (bridge).

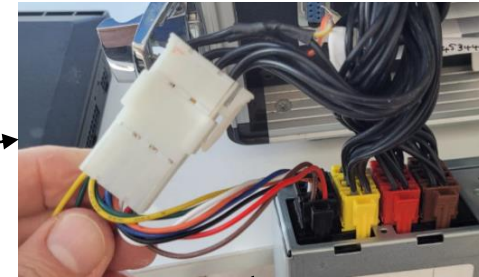


Area to place unit and DTCO harness

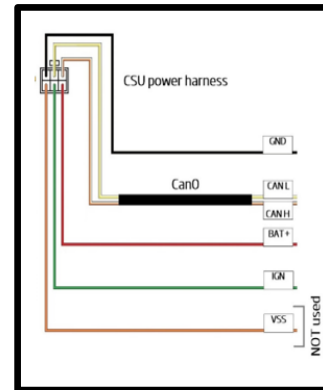


Unplug left (white) connector and bridge with DTCO harness connector

(check LED status, red and green should flash slowly after few minutes)

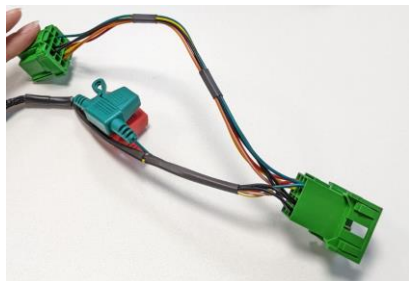


SOCKET & PIN NUMBER	FUNCTION	ADDITIONAL INFO
A1	<b>Power from battery</b>	[30]
A3	<b>Ignition</b>	[15]
A4	CAN H	
A5	<b>Ground from battery</b>	[31a]
A7	CAN GND	
A8	CAN L	

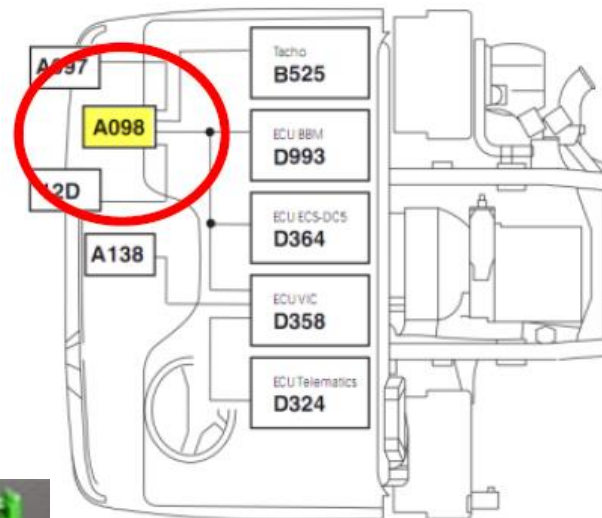




## 2. FMS



Optionally an **FMS splitter harness** is available if the port is already taken



signal	pin
GND	1 + 4
CAN H	6
CAN L	9
IGN (15)	10
POWER (30)	12

## 2. FMS location





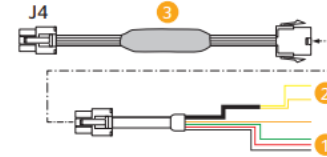
# 3. CAN harness

Only use if:

- Unable / forbidden to connect to DTCO
- Unable / forbidden to connect to FMS
- Open end harness
- Find according to the vehicle electric diagram the connections to:
  - Power (red – plus; green – ignition; black – ground)
  - Can Bus (yellow/white – low; orange/white – high)  
(If direct connection not wanted, use an inductive CAN reader instead)
  - Analog cable (orange – not used)

Check with vehicle electrician where best to source power and where to connect to the vehicle CAN; Ignition (green) and Plus (red) must be both connected; if only one connection is available on the vehicle, connect both cables to it.

Minimal wiring



- 1 Power and Ignition
- 2 CAN-bus
- 3 Filter harness

The following table shows how the wires must be connected to the vehicle:

Pin	Signal name	Connect to	Wire color
1	+VDC	Battery over separate fuse	red
2	Ignition	Ignition signal over separate fuse	green
3	Analog In3	Not used. Isolate open end.	orange
4	CAN 0 (H)	CAN-bus H (optional)	orange/white
5	CAN 0 (L)	CAN-bus L (optional)	yellow/white
6	GND	Vehicle ground socket or chassis	black

## 4. 9PIN / OBD



9PIN



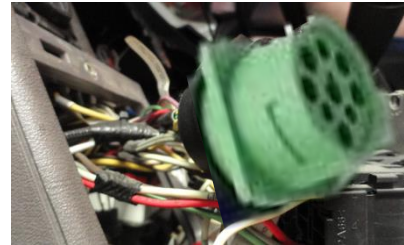
OBD

US option only

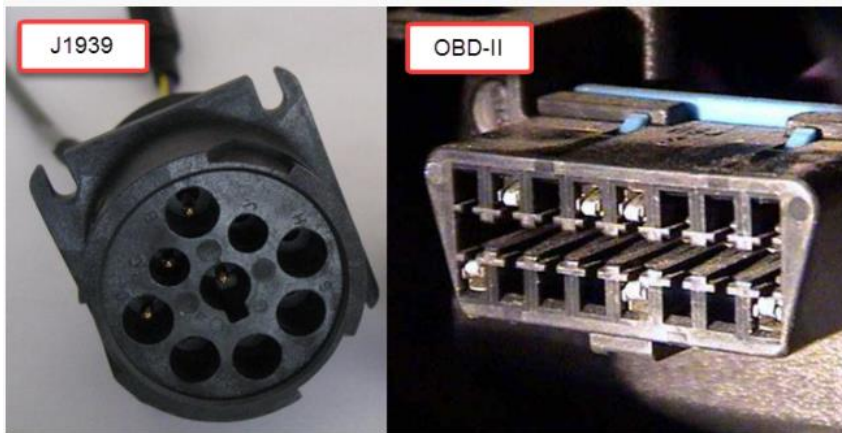


## 4. OBD

Green not black



# 4. OBD/9PIN



Pin	Value
A	Ground
B	+12V
C	CAN1/J1939 Hi
D	CAN1/J1939 Lo
E	CAN1/J1939 Shield
F	J1708/J1587 Hi
G	J1708/J1587 Lo
H	OEM Specific
J	ISO9141 K-Line

9-Pin Deutsch – PACCAR (J Used for ISO9141 K-Line)

CAN-CBL-02

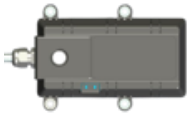
DB9 Female Connector on Cable

HD10-9-1939P

# In-Cabin Unit installation



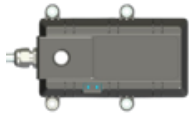
- › Keep the additional sticker with Serial number (SN) and IMEA in a place easy to access for future maintenance
- › Install the unit in a way that:
  - › it becomes an integral part of the vehicle but is still easily accessible for maintenance work.
  - › its mounting does not generate vibrations, or the device can come loose due to vibrations and shocks
- › The harnesses must be well tied to the vehicle body in order to avoid vibration and damage for the device connector.
- › The harness between the plug and filter must also be well fixed with zip ties in order to avoid vibration and damage for the device connector.



# Enabler Unit



- › Needs to be connected to power source only (e.g., directly to the battery, sidelamp, ...).
- › Harness can be trimmed.
- › Do not forget to install the fuse.
- › Position the unit in a way that there is as less objects as possible between it and the tires. Also avoid installation at/near moving parts.
- › Mount the bracket with the two given screws and nuts on the vehicles' frame.
- › Avoid drilling in frame.
- › Place the Enabler Unit vertically on the bracket as shown in the picture.
- › The harness must look up.
- › The antenna area (where the sticker is and no harness nor screws) must face the street.



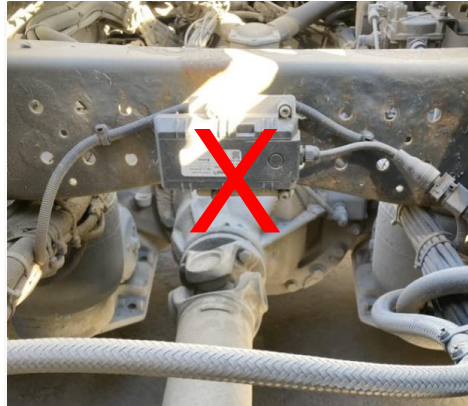
# Enabler Unit



# Enabler Unit installation



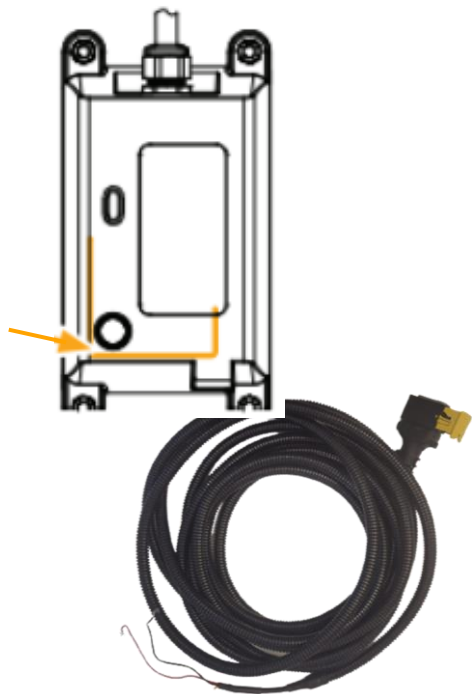
- › DOs:
  - › As low as possible to ensure best reception to tires
  - › Bracket and Enabler Unit as well as harness must be properly fixed to avoid damage



- › DON`Ts:
  - › Upside down orientation on the bracket
  - › Close to moving parts (possible damage)
  - › Surrounded by many parts (bad reception)
  - › Horizontal positioning



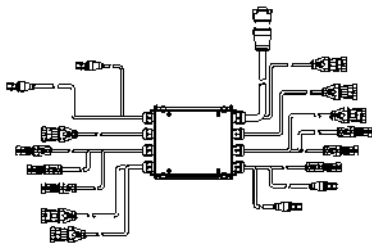
# Trailer Unit



- › Needs to be connected to power source only (e.g., directly to the battery, sidelamp, ...).
- › Harness can be trimmed.
- › Do not forget to install the fuse.
- › Position the unit in a way that there is as less objects as possible between it and the tires. Also avoid installation at/near moving parts.
- › Mount the bracket with the two given screws and nuts on the vehicles' frame.
- › Avoid drilling in frame.
- › Place the Enabler Unit vertically on the bracket as shown in the picture.
- › The harness must look up.
- › The antenna area (where the round breather is) must face the street.
- › During installation, the unit will need to be powered for configuration. Make sure to have a power source available (12-24V) if the trailer can not be powered externally (by a truck, etc...)

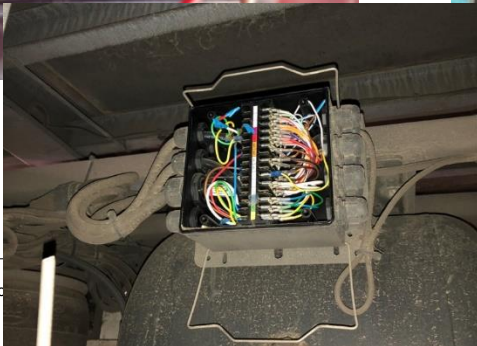
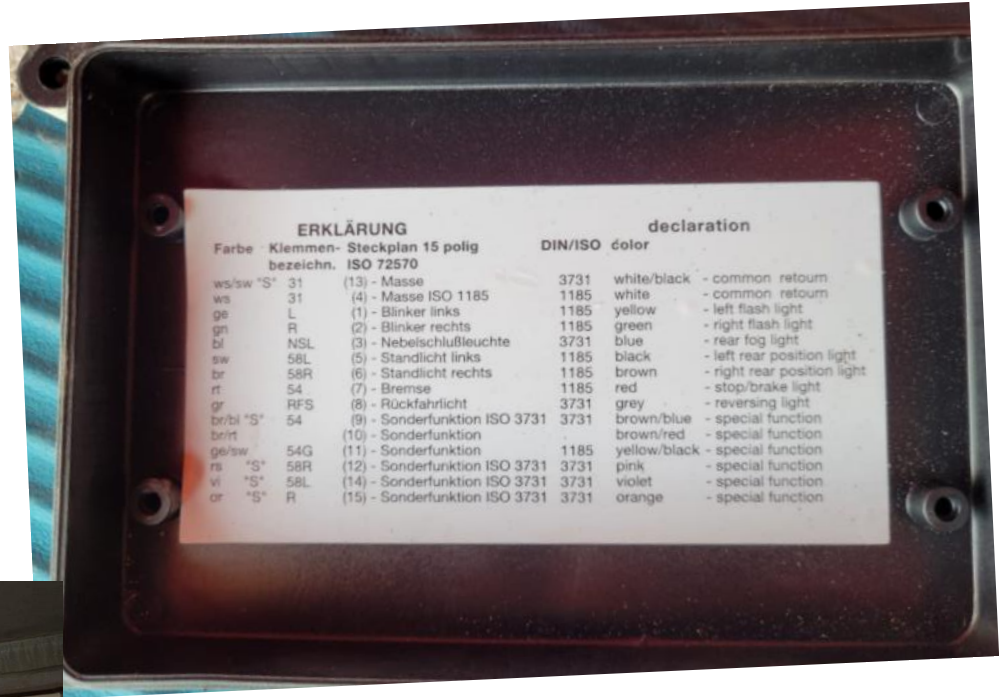


# Trailer Power box





# Trailer Unit

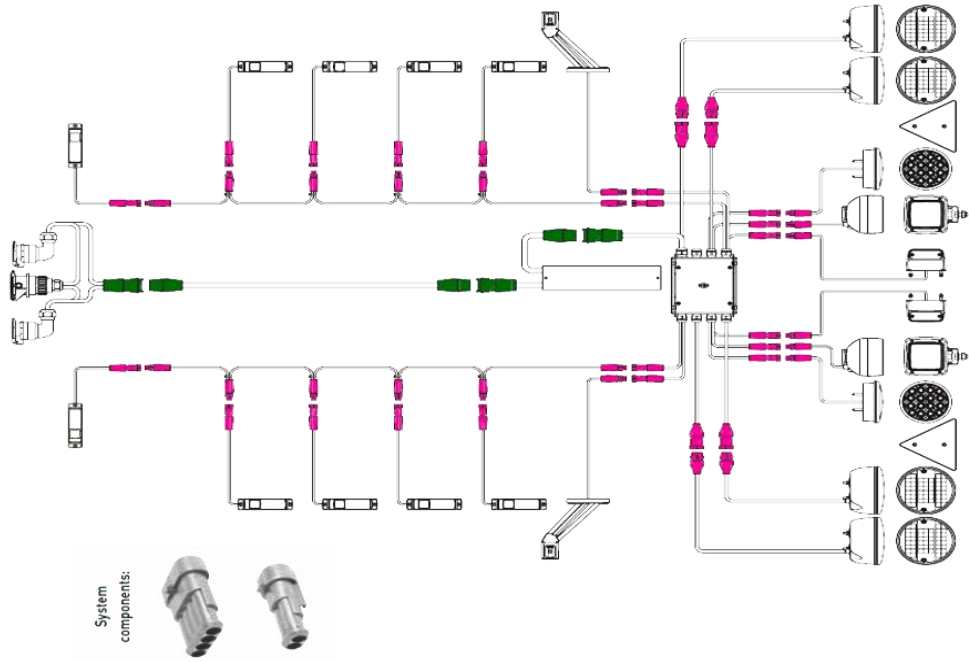
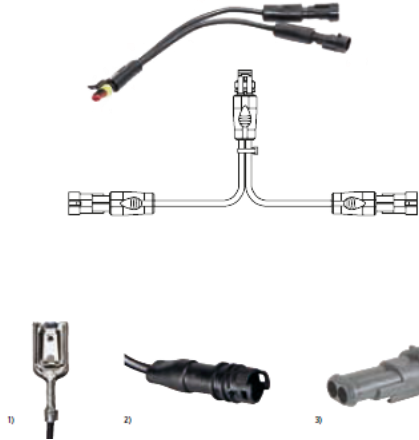




# Trailer Unit

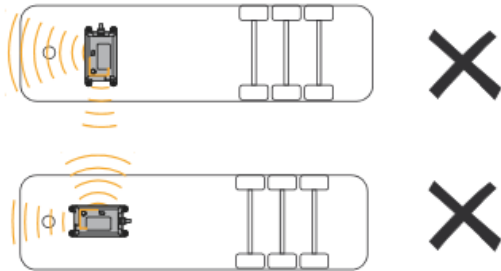
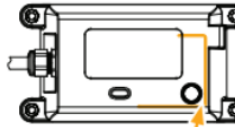
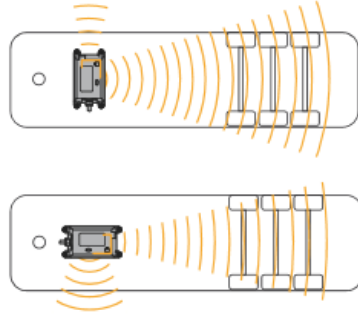


# Trailer Electric diagram

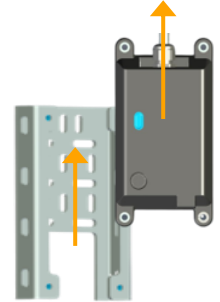


How to prepare -> check the trailer electric diagram (s. example above) and check where power can be taken from and which connector can be used

# Trailer Unit installation



- › DOs:
  - › Placed where the radio signals (RF, GSM, GPS) are not weakened by metal parts
  - › The antenna should face the tires for best possible reception
  - › Bracket and Trailer Unit as well as harness must be properly fixed to avoid damage



- › DON'Ts:
  - › Upside down orientation on the bracket
  - › Close to moving parts (possible damage)
  - › Surrounded by many parts (bad reception)

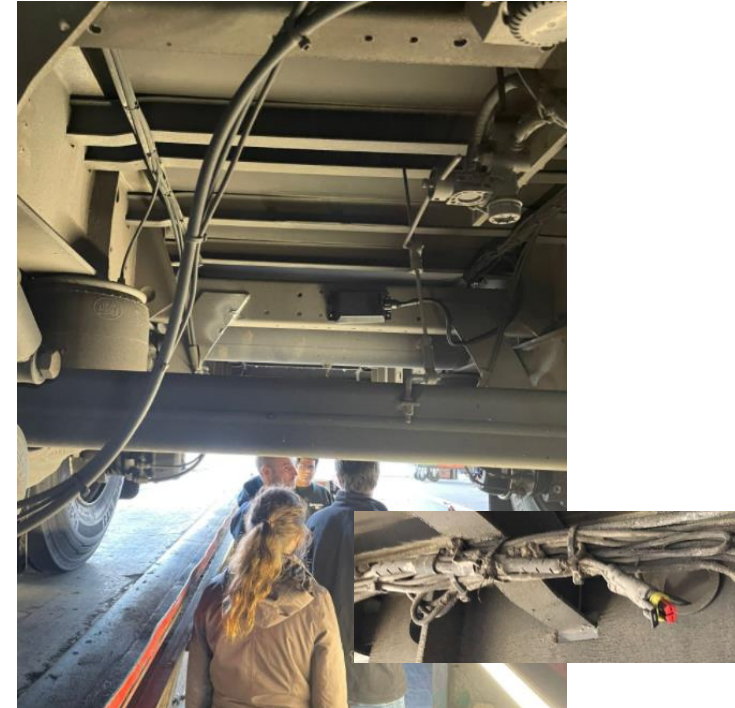
# Installation Photos

# In-Cabin Unit

- Using the DTCO harness connecting “plug & play” to the Tachograph.
- Checking led signals for indication.

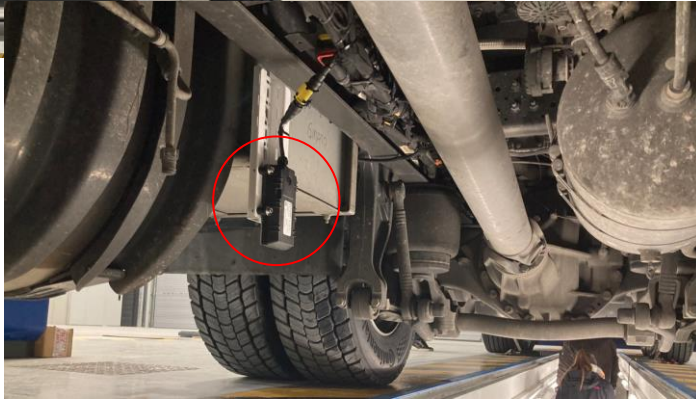


# Trailer Unit



- Connecting the Trailer Unit to a power source, e.g. lights connector (make sure light is on permanently)

# Enabler Unit



Checking LED signals for indication

# Other Photos



# RSSI – Received Signal Strength Indicator

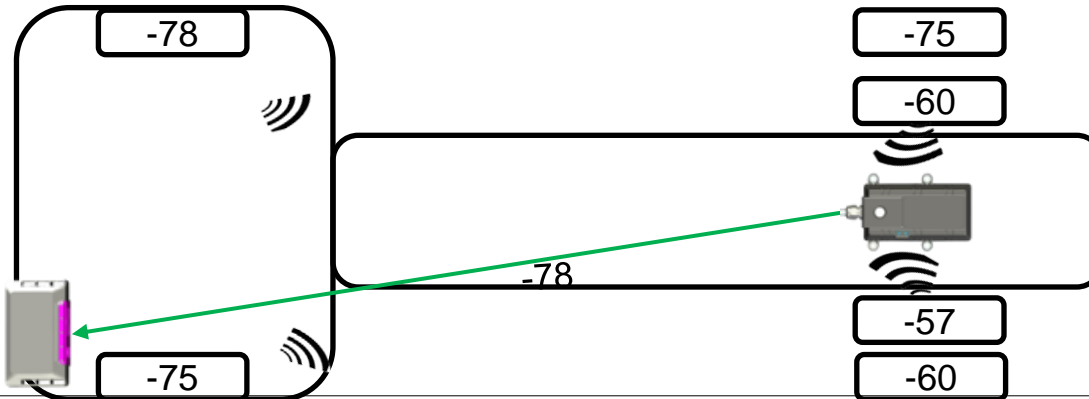
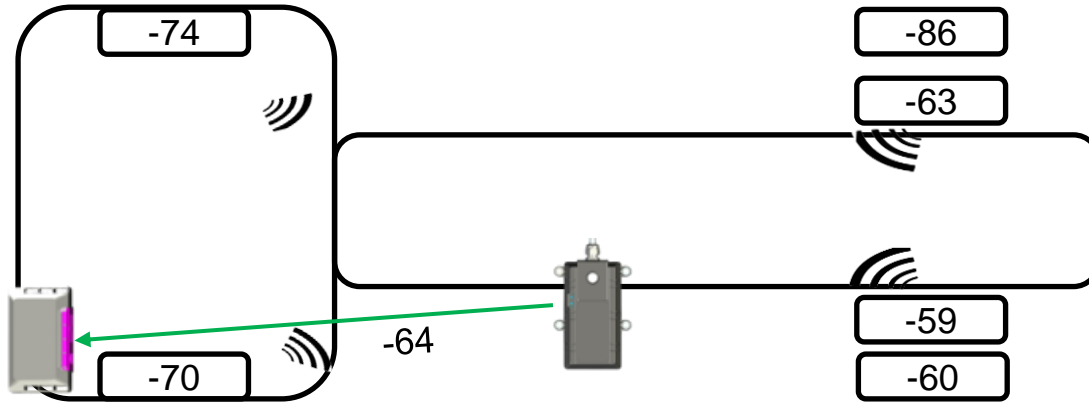
RSSI is the **R**eceived **S**ignal **S**trength **I**ndication) between components  
It should not be less than **-85 dB**

- Sensor → Enabler Unit
- Sensor → In-Cabin Unit
- Sensor → Trailer Unit
- Enabler Unit → Enabler Unit
- Enabler Unit → In-Cabin Unit
- Enabler Unit → Trailer Unit

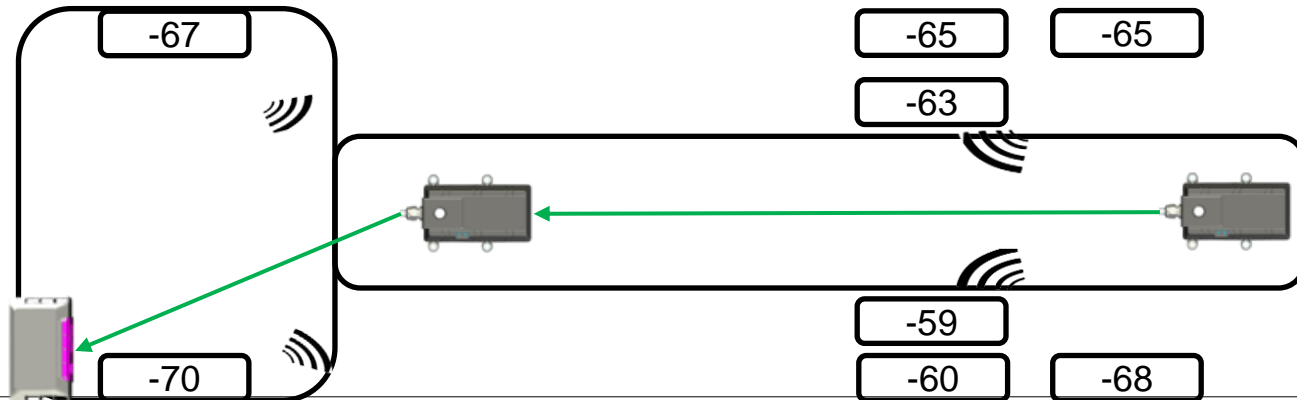
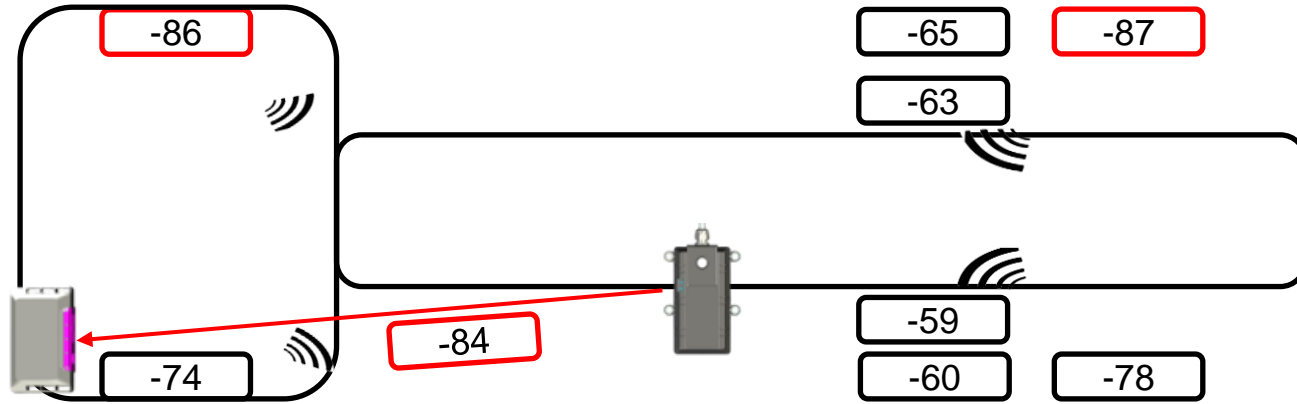


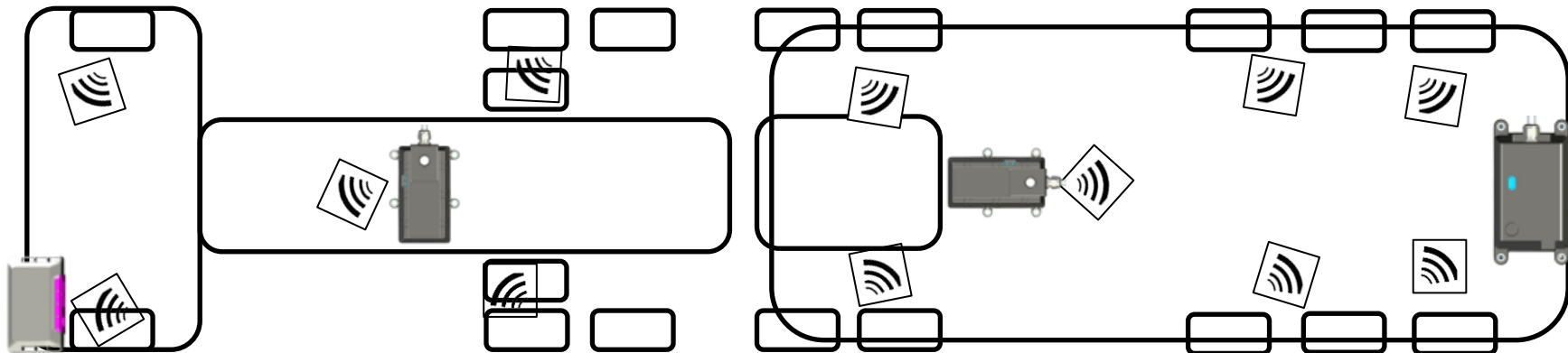
(depending on your configuration via the Installer App)

# Enabler Unit – positioning



# Adding an additional Enabler Unit (limited RSSI)





# Installer App

The purpose of this app is to activate the units (start sending data to CoCo)

App name: **ContiConnect Installer**

Get the App: <https://apps.apple.com/de/app/conticonnect-installer/id1637378742>

<https://play.google.com/store/apps/details?id=com.traffilog.contiTechnician>

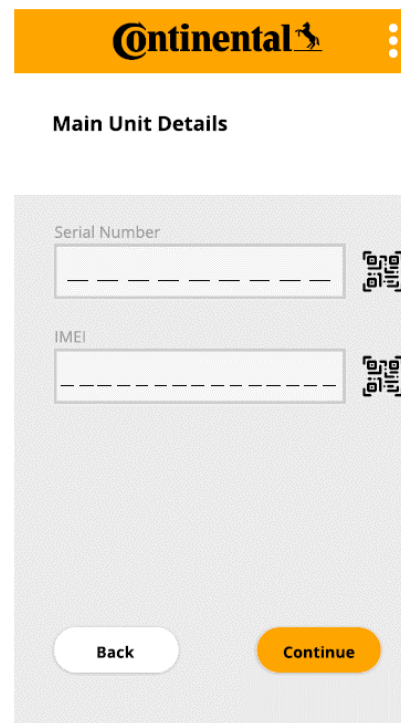
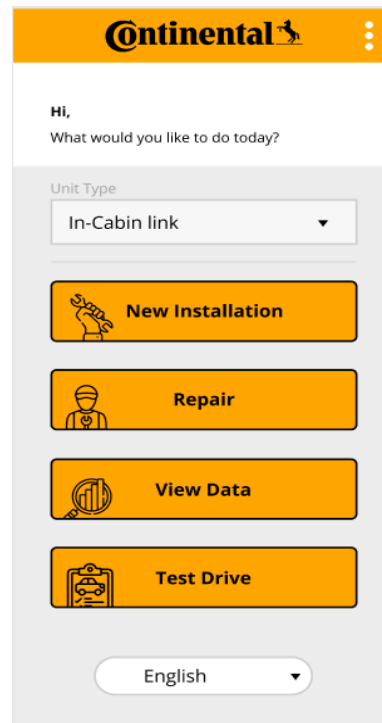
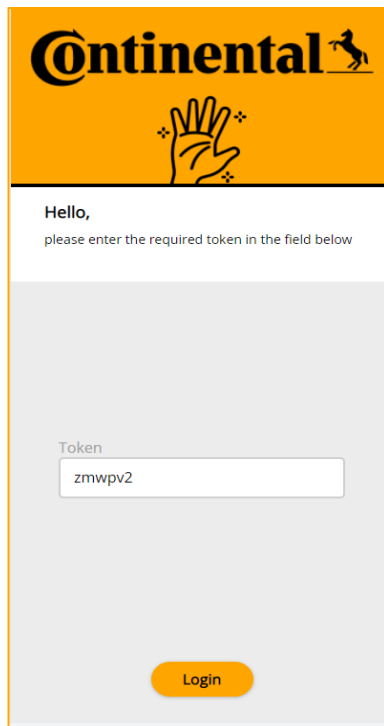
It can be used (optionally to checking CoCo) to verify your installation success and check if data is really been send to CoCo.

In addition, the reception strength (RSSI) can be checked per sensor/tire position.

For Iphones the App needs to be set to trusted under settings (settings – general – device management)

For security reason the App requires an OTP (one-time password) autentification.

# Installer App



**All vehicles and sensors must be uploaded into ContiConnect before installation!**

(Data is been transferred each 5min. Please consider for the configuration or changes made in CoCo)

# Installer App – Autentification

The screenshot displays the Continental ContiConnect web interface. On the left, a sidebar contains the Continental logo, a hand icon, and a login form with a 'Token' field containing 'zmmwvpv2' and a 'Login' button. The main content area shows the 'ContiConnect' dashboard with navigation tabs for Alerts, Notifications, Device Authentication (highlighted), and Depot Settings. A 'Settings' button is also visible. Below the navigation is a search bar and a 'Device Authentication' section with a 'Create new device' button. At the bottom, a table header lists columns: Name, Fleet, Depot name, Code, App, Expiration date, Status, and Last update. On the right, a 'Create new device' form is shown with fields for Name, Fleet, Depot, and App (with 'Installer App' selected), and a 'Driver App' section with 'Installer App' checked.

- › A Token must be generated through the ContiConnect website
- › Once the Token is obtained it's valid for 2 weeks of use and for one user only (or until the user logs out)
- › The Token will not work for 2 different users or for the same user using 2 different devices.

In CoCo:

- › Go to Setting
- › Device authentication
- › Create new device
- › Enter your name
- › Choose the Fleet name
- › Choose the Depot name
- › Choose the Installer App
- › Once Saved you will have the Token at your use

## New device authentication

Your device is now ready for authentication

Please enter the OTP code **zmmwvpv2** in the Installer app on your device

Ok

# Installer App



## Main Unit Details

Unit Type  
In-Cabin link ▼

Connection Type  
Tachograph connector ▼

Unit Location  
Tachograph ▼

Back Continue



## Vehicle Details

Vehicle number  
12-345-67

Vehicle Type  
Truck ▼

Back Continue



## Details Summary

**Vehicle number:** 12-345-67

**Vehicle Type:** Truck

**Unit Type:** In-Cabin link

**Connection Type:** Tachograph connector

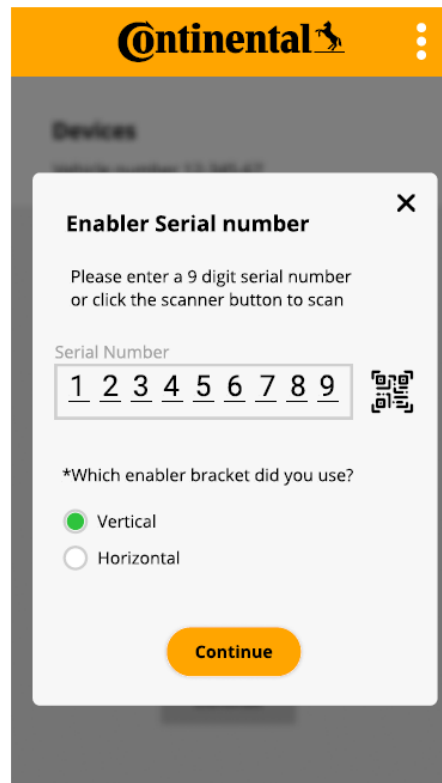
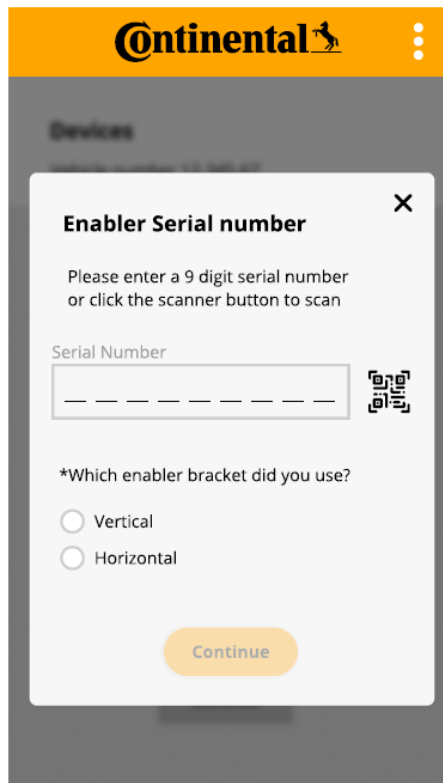
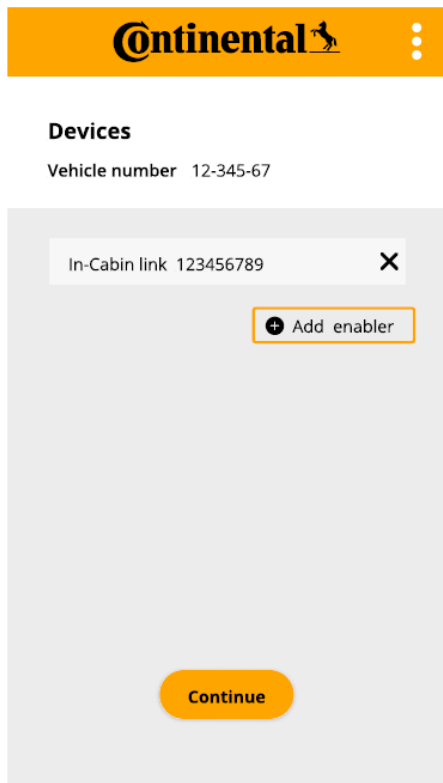
**Serial number:** 123456789

**Location:** Tachograph

Edit

Continue

# Installer App



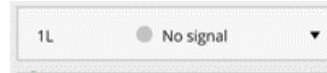
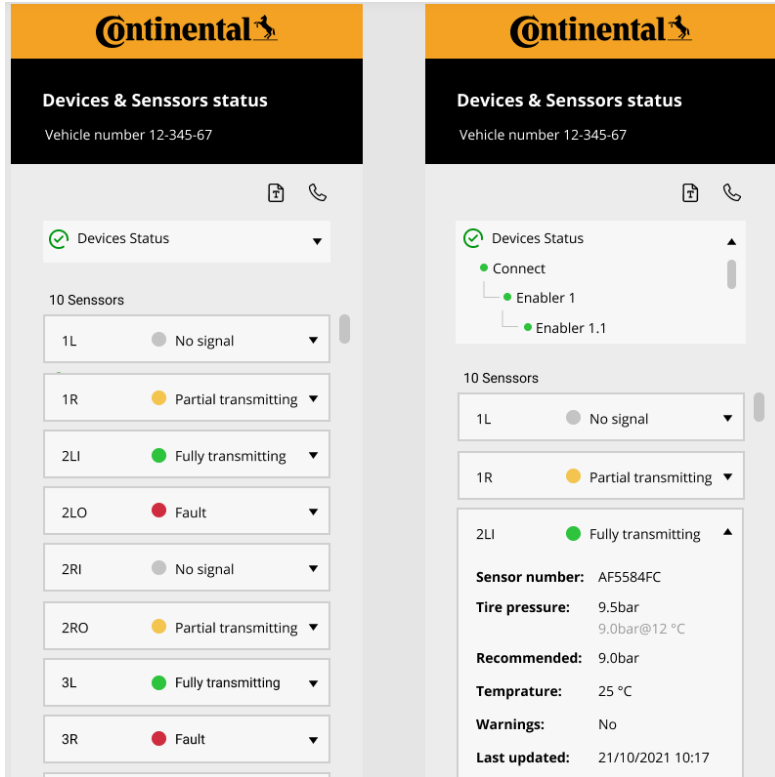
# Installer App

The image displays three sequential screenshots of the Continental Installer App interface. Each screen features the Continental logo and a three-dot menu icon in the top right corner.

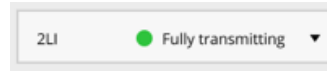
- First Screenshot (Devices):** Shows the 'Devices' section with 'Vehicle number 12-345-67'. It lists 'In-Cabin link 123456789' and 'Enabler 987654321', each with a close button (X). Below each item is an 'Add enabler' button. A 'Continue' button is at the bottom. Two arrows point from the explanatory text to the 'Add enabler' buttons.
- Second Screenshot (Devices):** Shows the 'Devices' section with 'Vehicle number 12-345-67'. It lists 'In-Cabin link 123456789', 'Enabler 987654321', and 'Enabler 147258369', each with a close button (X). Below each item is an 'Add enabler' button. A 'Continue' button is at the bottom.
- Third Screenshot (Set up check):** Shows a 'Set up check' screen with a large circular graphic containing the Ferrari logo. Below the graphic, it states: 'This process will take several minutes' and 'Please don't close the application'.

Decide here if the 2nd Enabler shall communicate to the 1st Enabler or to the In-Cabin Unit (based on their positioning on the vehicle)

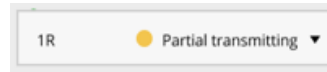
# Installer App



-> no set up done yet (default setting)



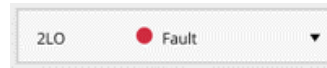
-> good reception, RSSI > -80db



-> not optimal reception, RSSI < -80 db

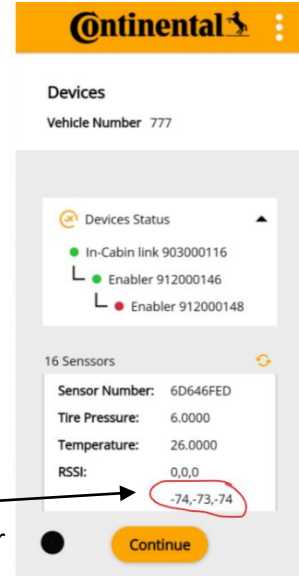
-> Check the number of frames received from the sensor

-> Check RSSI during driving - If not all 3 frames were received -> consider relocating the unit

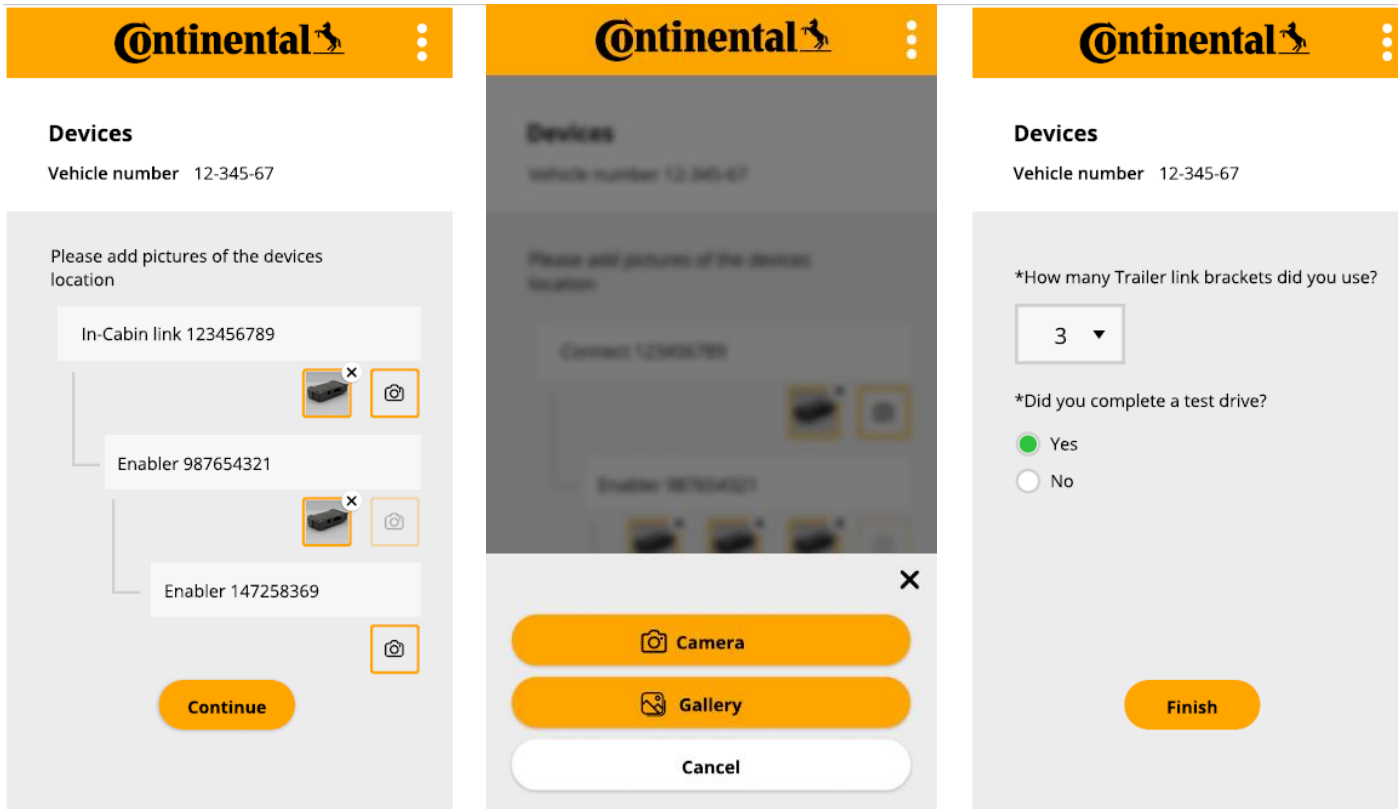


-> no signals received from the sensor in the last 5 minutes,

-> re-check configuration (vehicle installation and CoCo)



# Installer App



# Installer App

**Continental**

## Devices & Sensors status

Vehicle number 12-345-67

Devices Status

- In-Cabin link
- Enabler 1
- Enabler 1.1

10 Sensors

- 1L No signal
- 1R Partial transmitting
- 2LI Fully transmitting

Sensor number: AF5584FC

Tire pressure: 9.5bar

**Continental**

## Contact & Support

5

Belgium / Luxembourg	+32 2 710-2370
Czech Republic + Slovakia	+420 5775 12 577
Denmark	+45 4323-0434
France	+33 3 44 40-71 18
Germany	+49 511 938 26337
Greece	+30 21 06200 337
Hungary	+36 23 511 186

**Continental**

## Installation Completion

Vehicle number 12-345-67

Installation was successfully Completed

Home Page

# Installer App

The test drive option is designed to give us the full picture of the installation:

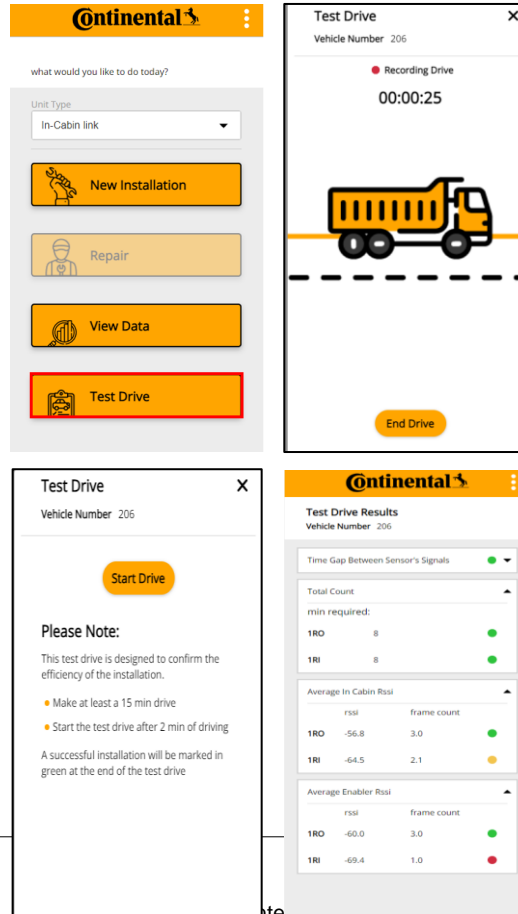
- The gap interval time between each sensor's signal (no more than 5 min.)
- The total sensor's signals count
- The RSSI (reception strength) of each sensor

The minimum drive time required is 17 min.

The data will be calculated after the first 2 minutes of driving (to prevent the high frequency signal at beginning of driving).

You can end the test by pressing the "End Drive" button.

A successful installation at the end of the test drive will be colored in green.



## Time Gap between sensors: (KPI - Max 5 min interval)

- Green** - The time gap interval between each sensor were less than 5 minutes during the test drive.
- Red** - The time gap interval of at least one of the sensors was over 5 minutes during the test drive.

## Total Count

The minimum required is the trip time -2min(beginning driving), divided to 5min (KPI)

(Example: Trip time =18 min, -2 min = 16, divided to 5 = 3 )

- Green** - Above the minimum required.
- Orange** - Less than the minimum required but above 1.
- Red** - Less than 1

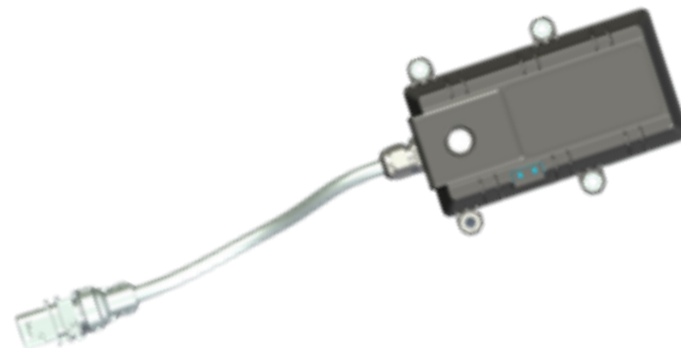
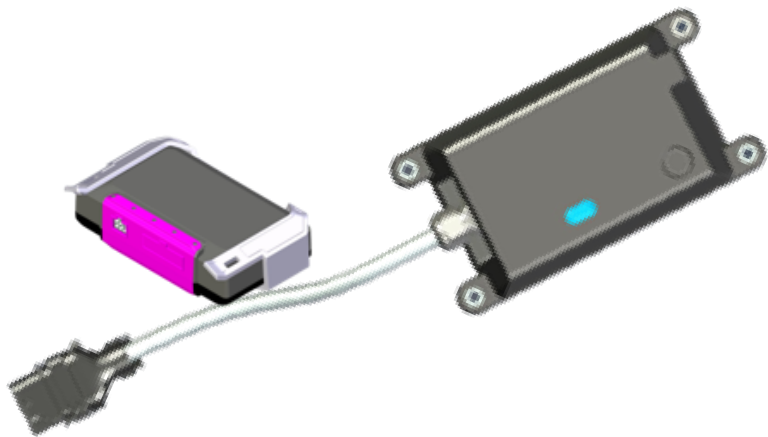
## Average RSSI (and frame count) - In-Cabin/Enabler

Will calculate the average RSSI per sensor and the average Frame count per sensor.

- Green** - Average RSSI > -80dB (will be change to -85dB) **and** no frame was missing (the average frame count =3)
- Orange** - Average RSSI < -80dB (will be change to -85dB) **or** the average frame count was <3 and >=1
- Red** - Average RSSI not seen **Or** Average frame count <1

# Troubleshooting

# Trouble shooting LEDs



\* \* \* \* \* Searching GPS signal

\* 1 Sec \* 1 Sec \* 1 Sec \* 1 Sec \* GPS position established

\* \* \* \* \* Searching GSM signal

\* 1 Sec \* 1 Sec \* 1 Sec \* 1 Sec \* GSM connection established

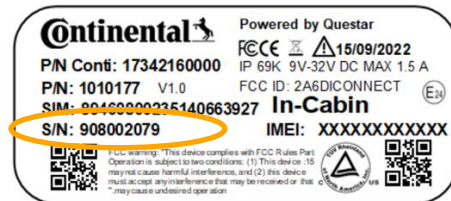
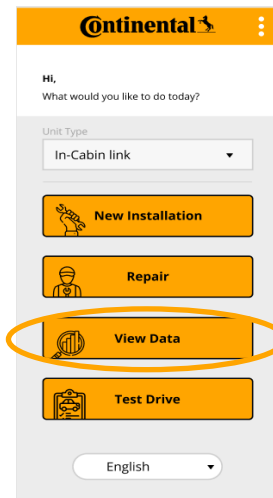
\*\*\*\*\* Searching for main unit

\*-----\*-----\*--1sec--\*-----\* Connection established

\*-----\*-----\*-----\* TPMS sensors indication

# Trouble shooting General

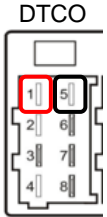
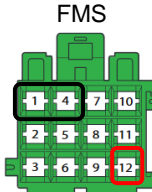
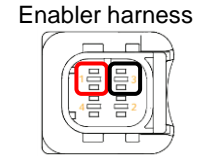
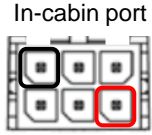
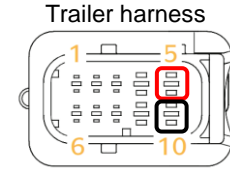
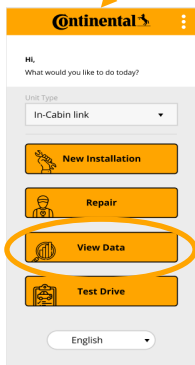
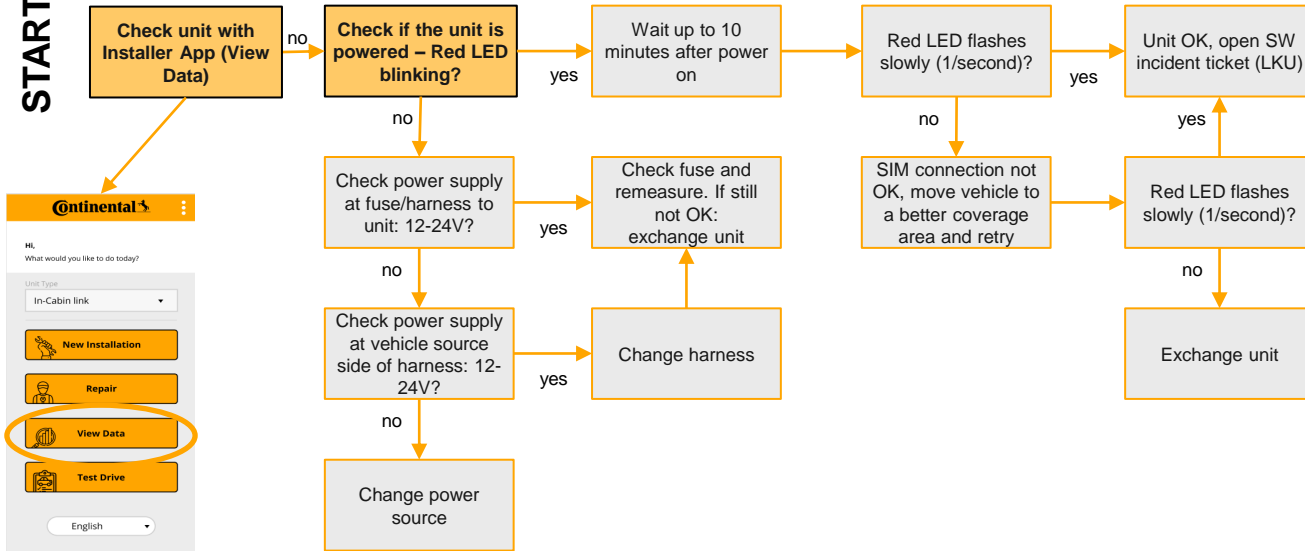
- › The installation sequence should be followed and finalized before starting the actual trouble shooting.
- › Please verify that all steps (page 4) have been followed.
- › When a main unit is powered the red LED starts to blink fast. Once the internet connection is established it starts to blink slowly.
- › With the installer App the devices can be checked (Enabler Unit via the main device serial no.) if configurated and powered.



7 September 2023

# Trouble shooting Main units (In-cabin and Trailer Unit)

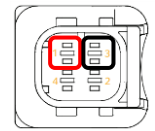
START



# Trouble shooting Enabler Unit



Enabler harness



START

