



TELEMATIC KIT

Installation Guideline

PWT, Customer Service

Turin, Italy

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PRIOR TO GO

FPT Telematic kit

What to prepare **prior to go**

- FPT Service Agreement: download and print 2 copies
- Privacy notice: download and print 1 copy
- «Installation_guideline» (this document): download and print a copy
- FPT telematic kit including paper box for the serial number to be used during installation on site
- Prior to go to the Customer, verify that the telematic kit has the right cable adaptor for customer needs
- PT box updated with latest release (to verify engine dataset and SW prior the kit installation)
- Wiring, connectors and material (as bi-adhesive tape) to connect and fix the GSM module to the machine
- Internet connection on the field and Chrome as browser
- Please remember that to complete procedure, you have to switch on the vehicle

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Download Area

Document	Language	Link
Service Agreement	Italian	https://www.fptindustrial.com/en/-/media/FPT/Guidelines/FPT-Service-agreement/FPTServiceAgreement_IT.pdf
Service Agreement	English	https://www.fptindustrial.com/en/-/media/FPT/Guidelines/FPT-Service-agreement/FPTServiceAgreement_EN.pdf
Service Agreement	Spanish	https://www.fptindustrial.com/en/-/media/FPT/Guidelines/FPT-Service-agreement/FPTServiceAgreement_ES.pdf
Service Agreement	French	https://www.fptindustrial.com/en/-/media/FPT/Guidelines/FPT-Service-agreement/FPTServiceAgreement_FR.pdf
Service Agreement	German	https://www.fptindustrial.com/en/-/media/FPT/Guidelines/FPT-Service-agreement/FPTServiceAgreement_D.pdf

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Privacy Notice	Italian	https://www.ivecogroup.com/legal/privacy-notice.html?lang=it-it&brand=fpt_pro_assist_customers
Privacy Notice	English	https://www.ivecogroup.com/legal/privacy-notice.html?lang=en-en&brand=fpt_pro_assist_customers
Privacy Notice	Spanish	https://www.ivecogroup.com/legal/privacy-notice.html?lang=es-es&brand=fpt_pro_assist_customers
Privacy Notice	French	https://www.ivecogroup.com/legal/privacy-notice.html?lang=fr-fr&brand=fpt_pro_assist_customers
Privacy Notice	German	https://www.ivecogroup.com/legal/privacy-notice.html?lang=de-de&brand=fpt_pro_assist_customers

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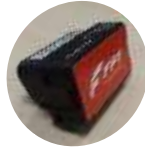
Kit composition

Box



Box containing the telematic kit with indication of GSM module ("TMD MK3") and Dongle SN ("eTruck")

Dongle



FPT dongle is a compact device that allows to communicate with the engine.
It not require any wiring

Adaptor



Adaptor are needed only for vehicle in which the connector port is different from OBD one (e.g. 9-pin, 19-pin, 30-pin).
Included bi-adhesive and 2 screws. **(OPTION)**

GSM module



FPT telematics GSM module allows to collect information about the engine/vehicles by interacting with the dongle (via Bluetooth).
It requires connection to the vehicle

GSM cable



Cable to be connected to FPT GSM module for its supply and proper functioning .

INSTALLATION IN FIELD

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Steps

- Give privacy notice to the customer to be read for its acceptance
- Give one copy of FPT Service Agreement to the customer
- Ask Customer to sign second copy of FPT Service Agreement prior to start physical installation (Take this copy back to your office)
- Connect the PT box to the vehicle to read dataset and engine optional mounted. Save as PDF file and take note of the DIS (dataset PN)



- Switch off the vehicle prior to start with physical installation

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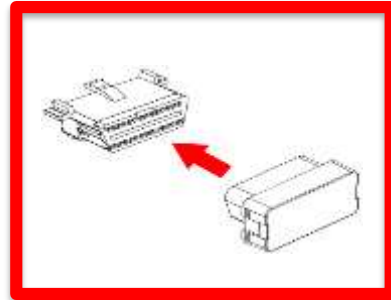
Steps

- When back in the office, send mail to FPT naming “ESN xxxxxxxx” to telematicsupport@fptindustrial.com with:
 - Scanned copy of FPT SERVICE AGREEMENT signed by vehicle owner
 - PDF file downloaded by PT box
 - If in PDF file is not present Engine serial number or Engine type please add this info inside the mail
- All documentation must be sent to FPT within 7 days. Otherwise the connection will be **stopped**.

INSTALLATION ON THE VEHICLE

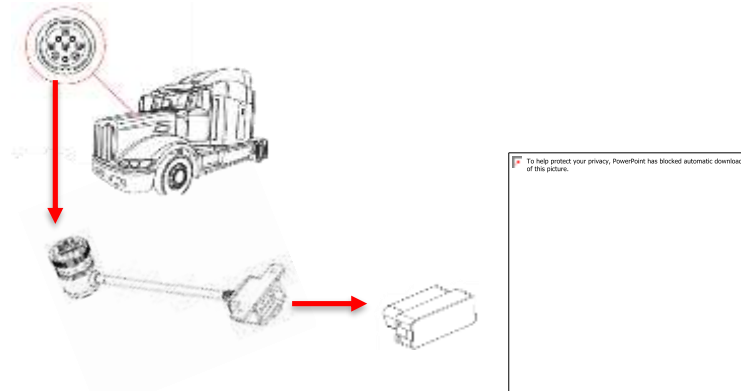
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Installation on the vehicle (Dongle)



Vehicle with OBD port

Step 1: Switch off the engine (and remove key), remove the panel that eventually hide the diagnostic socket and Connect the dongle to OBD port



Vehicle without OBD port

Step 1: Switch off the engine (and remove key), remove the panel that eventually hide the diagnostic socket and Connect the adaptor on diagnostic port and then connect the dongle in the outer face of the adaptor and fix it the cable in a secure way on the vehicle

NOTE:

Once installed the Dongle, if possible safe it from vibration.

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Installation on the vehicle (TMD)



Step 2: Connect the cable to the vehicle as for below scheme:

- **RED wire:** to be connected to a +30 Positive direct signal (**POWER**).
- **YELLOW wire:** to be connected to a +15 Positive signal under key (**SIGNAL ECU ON**)
- **BLACK wire** to be connected to the vehicle ground (**GND**).
- **GREEN wire:** not to be connected.



Step 3: Connect the GSM module to the cable

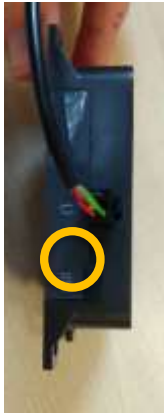
NOTE:

If possible, install the GSM module in a dust protect area (cabine) in a position to facilitate GSM data trasmission. Use double-sided adhesive tape if needed.



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Installation on the vehicle



Step 4: Once everything is mounted, switch on the engine (engine run)

Step 5: Check the led status on dongle and GSM module (wait some minutes):

- GSM module: red - fixed
- Dongle: green – few blink

If needed, go to LED INFO section to understand condition status and call support

Step 6: Activate the Telematic kit into the Server following the instructions on next page («Activation on the server»)

This activity has to be completed at customer site to verify that everything is working properly

ACTIVATION ON THE SERVER

FPT Telematic kit

Server configuration



IMPORTANT: mandatory to use Chrome as browser

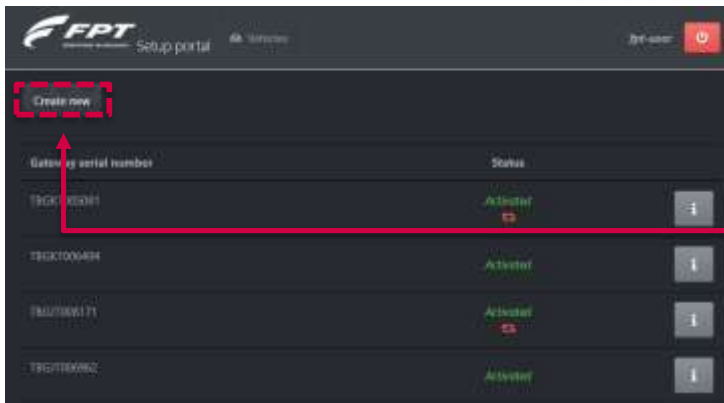
Click on <https://bit.ly/37qS17c>

Choose the Language

Insert Username **fpt-user**

Insert Password **Fpt-user2019!**

Click «**Login**»



GSM module-Dongle Pairing:

In order to create a new dongle – GSM module pairing select the option “**Create New**” from the portal

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Server configuration

Manually insert the GSM module **serial number** and the dongle **serial number** in the appropriate field

Gateway serial number
1C1K7D00035

Dongle serial number
10MK700001

Save

[Go back to previous page](#)

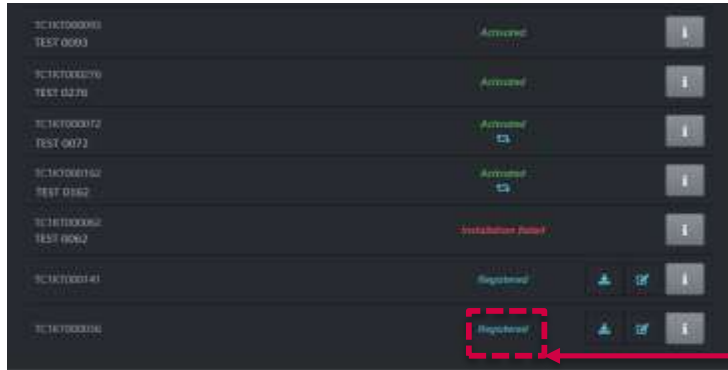


You can retrieve same serial number on the kits box

Then save the pairing configuration clicking on "Save" tab

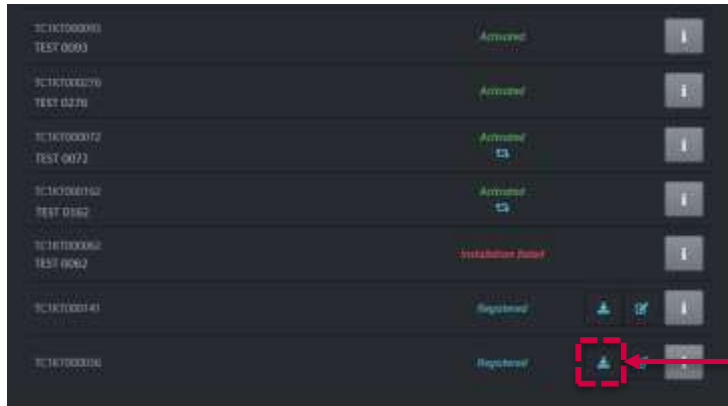
FPT Telematic kit

Server configuration



After saving the pairing configuration, the new GSM module serial number is ready for installation.

The new GSM module serial number will be shown in the overall list (scroll to the bottom of the page) with the state of “**Registered**”



In order to install the new device select the button as shown in the picture

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Server configuration

FPT Setup point
fpt-user

To complete the installation, fill in all the mandatory fields.

Edit Vehicle

Engine serial number *	Engine type *
Model commercial code	Dis
Make *	Model *
Vehicle ID *	VIN code *
Number plate *	
Customer *	Customer telephone *
Customer e-mail *	
Installer *	

Save

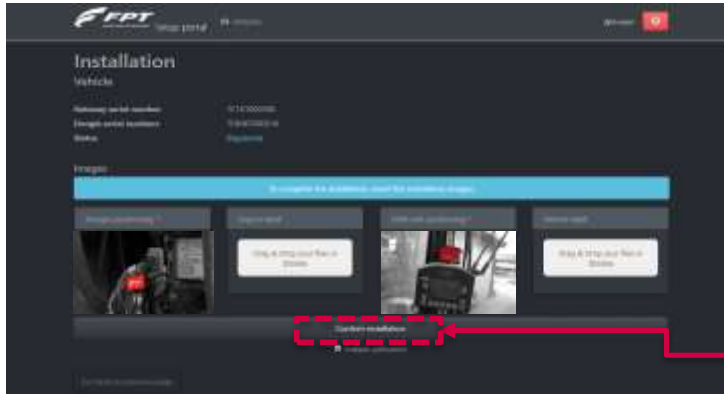
Fulfill the mandatory fields (red star) in the vehicle installation page :

- Engine serial number
- Engine Type
- Dis (Engine dataset - as per PT box info)
- Make (brand name)
- Model
- Customer (contact ref.)
- Customer telephone
- Customer e-mail
- Installer (service point name and reference technician name that completed installation)

Then save the configuration clicking on **“Save”**

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Server configuration

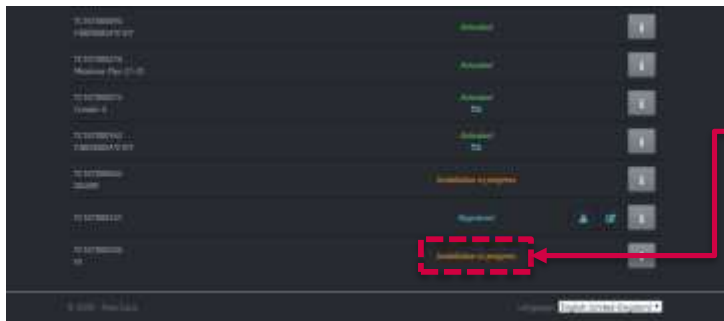


Upload the mandatory images (red star) of the physical installation on vehicle both of the dongle and the GSM module.

Be sure that **engine is running**.

Be sure that you have **stablished internet connection**.

Confirm installation clicking on “**Confirm Installation**”

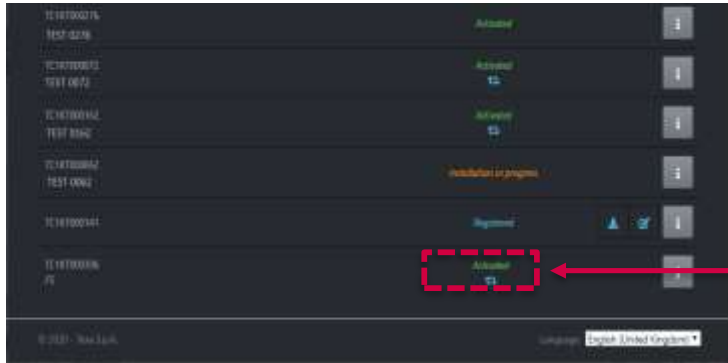


After the installation configuration the user will be redirected to the home page where is visible the device and the relative status will be:

“**Installation in progress**”

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Server configuration



If all is ok, the new message will be
“Activated”

The new led will be:

- Dongle: blinking slow **blue**
- GSM: blinking slow **blue** + fixed **green**

END

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Server configuration

For any issue during installation phase please refer to:

Phone number – Whatsapp (Mon/Fri)
+39 338 6276707 (Mr. Giuseppe Curci)

E-mail: fptcontrolroom@cnhind.com

LEDs INFO

Diagnostic LED Status

GSM module: 3 leds in total



STATUS	LED 1 2	SIGNAL BEHAVIOUR
unassigned/uninstalled	RED	STABLE
installing	RED	BLINKING SLOW
installed	RED + GREEN	STABLE
activating	RED + GREEN	SLOW
activated without internet connection	GREEN	FIXED
activated with internet connection	GREEN	BLINKING SLOW
error	RED	BLINKING FAST
software upgrade downloading	RED	FLASHING
firmware upgrade in progress	BLUE	FLASHING

STATUS	LED 3	SIGNAL BEHAVIOUR
connecting	BLUE	BLINKING FAST
connected	BLUE	BLINKING SLOW
idle	BLUE	OFF

Dongle module: 3 led in total



STATUS	LED 1 2	SIGNAL BEHAVIOUR
Gneric error/corrupted device	RED	BLINKINGFAST
Bluetooth NOT connected & Diagnostic configuration checking	GREEN	DOUBLE BLINK
Bluetooth NOT connected & Diagnostic configuration OK	GREEN	BLINKING SLOW
Bluetooth NOT connected & Diagnostic configuration failure	GREEN	BLINKINGFAST

STATUS	LED 3	SIGNAL BEHAVIOUR
Bluetooth connected & Diagnostic configuration checking	BLUE	DOUBLE BLINK
Bluetooth connected & Diagnostic configuration OK	BLUE	BLINKING SLOW
Bluetooth connected & Diagnostic configuration failure	BLUE	BLINKINGFAST