

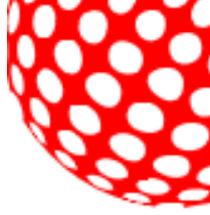


**Connect and  
Protect** with

**Meta Trak**



# ***Meta Trak Shield User Guide***



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## **System Features**

- Self-tracking/management solution
- Latest satellite location technology
- Journey Scoring
- Journey history
- Real-time tracking via app/web
- Smartphone App
- Jamming Detection (T75 only)
- Web Portal
- 5yr Warranty
- European Coverage
- Driver Recognition (optional)
- Engine Immobilisation (optional)

**Meta Trak Shield is a self-managed tracking solution which IS NOT monitored by Meta Trak for theft.**

## **Subscription Documentation**

**You will have received an email** when your system was activated by your dealer.

This email provides you with:

1. Details of how to log-in to the web portal and smartphone app.
2. Links to download the smartphone app.
3. Your contract information.

**Please check all information is correct!**

## **Alerts**

### **Battery Disconnection (Power Sabotage)**

In the event of battery disconnection, a **push notification** will be sent to your smartphone (provided you have the Meta Trak app running).

Should you need to disconnect the vehicle battery for maintenance reasons you should first set the system to '**Garage Mode**' via the app or web portal in order to avoid generating a false alert.

**REMEMBER** to set the system back to '**Active Mode**' once the maintenance is completed.

### **Unauthorised Movement**

In the event of a vehicle movement without the engine running a **push notification** will be sent to your smartphone (provided you have the Meta Trak app running).

Should you need to **transport** the vehicle or travel by ferry you should first set the system to '**Transport Mode**' via the app or web portal in order to avoid generating a false alert.

**REMEMBER** to set the system back to '**Active Mode**' once the transportation is completed.

### **Low Vehicle Battery**

In the event of the vehicle battery becoming low (<11.5V) a **push notification** will be sent to your smartphone (provided you have the Meta Trak app running).

## **Driver ID Tag Not Recognised (Optional)**

Where the optional Driver ID tag has been made available the tag should be either attached to the vehicle keys or present on the driver's person.



ID Tag

Fig. 1

In the event of the **vehicle being driven WITHOUT** the Driver ID Tag a **push notification** will be sent to your smartphone (provided you have the Meta Trak app running).

**NOTE:** the **push button** of the Driver ID Tag is **NOT REQUIRED** to be used in normal operation.

## **Driver ID Tag Battery Low**

In the event of the ID Tag battery becoming low a **push notification** will be sent to your smartphone (provided you have the Meta Trak app running). **Replace as soon as possible!**

## **Jamming Detected (T75 Only)**

Jamming is a method used by thieves to prevent a tracking device from being able to communicate.

Whilst jamming is rarely successful it does not prevent the theft from occurring. The T75 has the added advantage of being able to generate an audible sound in response to a jamming attack, this is highly likely to act as a deterrent and prevent theft.

Where the system detects a jamming attempt the T75 **siren will sound** for 26secs up to 3 times per jamming instance. A **push notification** will also be sent to your smartphone (provided you have the Meta Trak app running).

Consider jamming attacks as potential thefts, whilst there may be no obvious signs, jammers can operate from 100's of metres away.

If you experience a jamming detection the siren can be temporarily be silenced by placing the system in 'Garage Mode' via the mobile app or web portal. **HOWEVER**, this is obviously not recommended if you are away from the vehicle and is done at your own risk. 'Garage Mode' will also block all other alerts.

If you experience repeated jamming attacks, where possible, you could try moving your vehicle to another location to try to move out of range of the jamming equipment.

## System Operation

### Automatic Engine Immobilisation (Optional)

The Meta Trak engine immobilisation controls the operation of the starter motor only i.e. it cannot interrupt the running of the vehicle. Furthermore, the starter immobiliser cannot become active before the ignition has been switched off for > 30secs.

### Setting Operation

The starter immobiliser will automatically become set 30 seconds after the ignition has been switched OFF.

### Un-setting Operation

Upon switching the ignition ON your ID tag will be recognised by the system and the engine immobiliser will automatically un-set.



PLEASE READ

Some vehicles may encounter a delay between detecting the ID tag and un-setting the immobiliser causing the vehicle not to start on the first attempt. In this case, we would recommend waiting a couple of seconds between switching the ignition ON and starting the car.

Alternatively, you can press the **centre button** of the ID-Tag prior to starting the vehicle; this will ensure the immobiliser is unset and starting is not blocked.

The ID tag button should be pressed (>1 sec) once you are in close proximity to the vehicle; the red LED (Fig. 2) on the ID tag will flash quickly upon pressing the button and then give a long flash (approx. 2secs) to confirm the command has been received by the immobiliser. The button may be pressed up to 50 seconds before starting the vehicle.

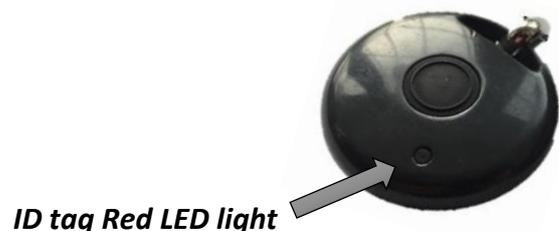


Fig. 2

### **IMPORTANT: Engine Immobilisation**

In the event of the ID tag being unavailable for un-setting of the engine immobiliser, the immobiliser can be unset (assuming sufficient GSM coverage) via your smartphone app or your web portal.



## **Manual Engine Immobilisation (Optional)**

If your system has been configured with engine immobilisation **without the additional Driver ID tag** the engine immobiliser can be manually set via the smartphone app or web portal.

The Meta Trak engine immobilisation controls the operation of the starter motor only i.e. it cannot interrupt the running of the vehicle. Furthermore, the starter immobiliser cannot become active before the ignition has been switched off for >30secs.



**PLEASE READ**

The app and portal communicates with the tracking device via the mobile telephone network (GSM). Therefore, the engine immobilisation command should not be used in areas of low coverage. Whilst GSM coverage is generally very good because the Meta Trak system is able use a number of the major GSM networks, black spots do still exist, especially in more rural areas.

Do not send the immobilisation command before arriving at the vehicle's journey end otherwise you risk the vehicle not being under coverage when sending the unset command.

**If you are concerned by the above-mentioned risk you should enquire with your dealer about upgrading to Automatic Engine Immobilisation with ID tag or installation of an emergency override switch.**

## **Maintenance**

### **Replacing the ID Tag battery**

**Battery Type: CR2032**

Carefully prise apart the upper and lower parts of the ID tag.

Slide out the battery observing the orientation.

Slide in the new battery in the same orientation.

Re-assemble the tag; normal operation will be resumed.

See our how to video at:

<http://www.metatrak.co.uk/howto>

## **Warranty**

Meta Trak hardware includes a 5 year parts warranty.

## **Change of details or Registered keeper**

Please inform us as soon as possible of any changes to your contract information.

Such as:

- Changes to contact numbers
- Change of vehicle registration
- Change of email address
- Change of registered keeper



## ***Contact Us***

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