

INSTALLATION CERTIFICATE

The undersigned qualified installer attests to have personally fitted the here described vehicle security system following the manufacturer instructions.

By:

Sold On:

Type of Product: S38

Vehicle:

Scorpion Automotive permanently fitted aftermarket equipment must be installed by qualified and authorised installers.

Thatcham recommends to its insurer members that the installations of certified products within the aftermarket are registered with an independent installation registration system which can be accessed by insurance companies. Thatcham administers the Thatcham Recognised Installer scheme, on behalf of the British motor insurance industry, providing independent registration of installations to vehicle owners.

Details of the Thatcham Recognised Installer scheme can be found at www.thatcham.org.

To ensure consumers insurance cover is not adversely affected it is highly recommended that all installations are carried out by Thatcham recognised installers and that all installs are registered providing the vehicle owner with a Thatcham recognition of installation for presentation to insurers.

Thatcham recommends to its insurer members that the installations of certified products within the aftermarket are registered with an independent installation registration system which can be accessed by insurance companies. If seeking insurer recognition for the fitment of this product it is likely that the installation will have to be carried out by a Thatcham recognised installer. A full list of Thatcham recognised installers is available at www.thatcham.org

S-Series

A brand of the Scorpion Automotive Group
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SCORPION AUTOMOTIVE
S-SERIES

S38

USER MANUAL

UK

CE UK
CA

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1.0 – INTRODUCTORY NOTE

Dear customer, the S38 self-powered alarm system is supplied with 1 touch key to emergency override the system and exclude the sensors and 2 RFID transponders (TAG cards) to engage/disengage the engine immobilizer. The alarm is compatible with wireless sensors.

Please read the present manual carefully to familiarize yourself fully with the alarm features and operating procedures and do keep it handy for future reference.

2.0 – OPERATING PROCEDURE

The alarm is operated via the vehicle original remote control. The built-in radio receiver allows the owner to wirelessly control the engine immobilizer from the TAG card.

2.1 – SYSTEM ARMING

Press the lock button on the vehicle original remote control; arming is confirmed by a Beep and a flash of the turn indicators (if signals are enabled).

NB: Before it is fully armed, the system has a 30 sec. arming delay signaled by the LED ON steady.

2.2 – SYSTEM ARMING WITH SENSOR AND CONFORT EXCLUSION

To arm the system without internal volumetric protection (US sensors), optional wireless PIR sensors and comfort feature, proceed as follows:

Make sure the system is disarmed and ignition key is in the OFF position.

Touch the override key to its receptacle; the LED will flash quickly.

Close all vehicle doors and press the lock button on the vehicle original remote control.

System arming is confirmed by a Bop and a flash of the turn indicators (if signals are enabled).



Exclusion of sensors and comfort feature is bound to each single arming cycle. They will reset upon next arming.

2.3 – PASSIVE ARMING

When passive arming is enabled, the system automatically arms approx. 60 sec. after ignition is switched OFF and after the last door is opened and closed.

Arming is confirmed by a Beep and a flash of the turn indicators (if signals are enabled).



When the alarm automatically arms (passive arming), internal sensors and comfort output (automatic window roll-up) are excluded. Opening a door during the 60-sec. passive arming countdown will cause the procedure to interrupt; it will resume once the door is closed.

2.4 – ARMING DELAY

There is a 30 sec. delay from the time the system is armed to allow you to exit the vehicle without triggering an alarm: it will be signaled by the LED powered ON steady.

2.5 – SYSTEM ARMED

After the arming delay the system is fully armed and ready to detect any alarm event. The LED will start flashing to confirm the armed status.

2.6 – ALARM, INHIBIT TIME BETWEEN ALARMS AND ALARMCYCLES

Alarm events are signaled by optical/acoustic signals. Each event can generate up to 10 cycles for each input and for each arming cycle with a pause of 5 sec. between each cycle. One alarm cycle lasts 30 sec.

2.7 – SYSTEM DISARMING

Press the unlock button on the vehicle original remote control. Disarming is confirmed by 2 Beeps and 2 flashes of the turn indicators (if signals are enabled).

If an alarm event has occurred while you were away from your vehicle, it will be signaled, when you disarm the system, by 5 Beeps and 5 flashes of the turn indicators (if signals are enabled). Alarm causes and relative LED signals are listed in par. 2.10.

2.8 – EMERGENCY OVERRIDE VIA TOUCH KEY

The touch key is used to override the system as an emergency backup and to fully disarm the system in case remote controls are lost or inoperative. By touching the key to its receptacle, the system disarms and switches OFF. It will not rearm by pressing the remote-control lock button.

➔ To restore normal operation, touch the key to its receptacle. A Beep and a flash of the LED will confirm the operation.

2.9 – SYSTEM ARMING AND ENGINE IMMOBILISER

The engine immobilizer is a security feature that prevents illegally starting the engine.

Operation without a paired TAG:

The engine immobilizer (if connected) kicks in upon arming the system and is disengaged when the system is disarmed.

Operation with a paired TAG:

When a TAG is paired, the engine immobilizer (if connected) is enabled when arming the alarm via the vehicle original remote control, but it can only be disengaged when the TAG is detected.

If the TAG is detected before the OE remote control, the alarm remains armed and saves the TAG signal for 20 sec. It will only disarm once it detects the OE remote control. If, when the 20 sec. timeout expires, no remote control has been detected, the alarm will remain armed, but it will delete the TAG signal from its memory.

If the OE remote control is detected before the TAG, the alarm remains armed and saves the OE remote control signal for 20 sec. If, when the 20 sec. timeout expires, no TAG has been detected, the alarm will remain armed, but it will delete the OE remote control signal from its memory.

There is a 6 sec. inhibit time on the door, boot and ultrasonic inputs to avoid false alarms. If the 6 sec. timeout expires without the TAG being detected, an alarm cycle is triggered. The alarm will only disarm when it detects the TAG.

N.B. the engine immobilizer can be configured to automatically arm when the alarm is disarmed and no TAG is detected (Default setting => disabled).

➔ If the TAG fails to work in the presence of any significant radio frequency interference, use the touch key to disable the immobilizer.

2.10 – ALARM MEMORY

The LED memory allows to identify the last alarm event signaled by 5 flashes of the turn indicators and 5 Beeps when the system is disarmed (if signals are enabled). Turn ignition key ON and count the LED flashes; they will indicate the last alarm detected.

The flash sequence is repeated 3 times; to interrupt, turn ignition key OFF.

LED FLASHES	ALARM CAUSES	ALARM CYCLES
●	Ignition attempt (+15/54)	10
●*	Door tamper	10
*****●*****	Bonnet tamper	10
*****●*****	Volumetric or external sensor	10
● LED OFF (2 seconds) * LED ON (1 second)		

3.0 – TAG CARD AND BATTERY REPLACEMENT

➔ The RFID transponder (P/N SIG008) must previously be paired to engage/disengage the engine immobilizer contact the installation dealership for assistance.

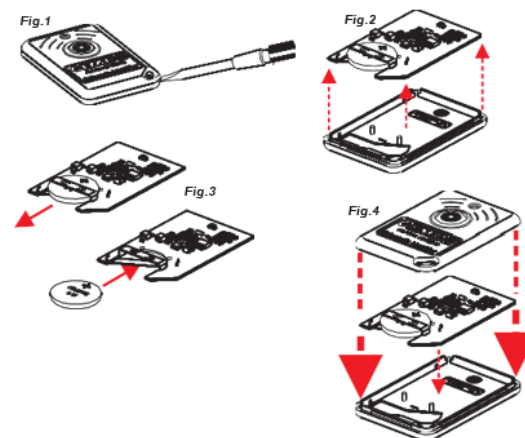
To activate the transponder simply press the button and keep it pressed for at least 4 sec. The LED turns ON steady when the transponder is activated. Release the button. The LED will flash every time data is transmitted.

If no movement is detected within 10 min. the transponder automatically goes into standby mode to save battery life; to wake it up for another 10 min., move it or press the button. Press the button again to send a radio signal to the alarm system.

To switch OFF the transponder, press and hold the button for approx. 10 sec., the LED will be ON steady. It will flash twice just before the transponder switches OFF.

To replace the battery, proceed as follows:

- Gently separate the plastic shells by inserting a flat head screwdriver in the pry-off slot (Fig.1).
- Carefully remove the circuit (Fig.2).
- Remove the discharged battery and insert a new one, taking care not to invert polarity (Fig.3).



➔ **ATTENTION**
Use only CR2032 batteries.
Different type batteries can seriously damage the transponder.
Discard used batteries properly in special dedicated containers.

