



FALCON PREDATOR EVO4

Vehicle Security System with Remote Starter

Owner's Manual

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A) Introduction

The Falcon Predator EVO4 is a unique Vehicle Security System with Remote Engine Starter System and is designed to provide you with the highest level of security and convenience for your vehicle.

The Falcon Predator EVO4 has many functions you can choose from to customise your needs. Please read this owner manual carefully before you operate the Falcon Predator EVO4 system.

A-1) Features

- 01> Code Hopping and Code Learning Remote System
- 02> Supports up to 4 remote transmitters Programmable
- 03> Remote Engine Start
- 04> Remote Arm/Disarm
- 05> Mute Arm/Disarm
- 06> Immobiliser
- 07> Remote Boot Release
- 08> Passive or Active Lock Programmable
- 09> Auto Re-arm
- 10> Lock/Unlock on driving
- 11> Silent Car Finder
- 12> Defective Zone Alert and By-pass
- 13> Keyless Entry While Ignition is on
- 14> Remote Panic

- 15> Remote Anti-Hijack
- 16> Emergency System Override
- 17> Remote Valet Mode
- 18> Last Door Arming
- 19> Siren Chirp programmable for 30 or 60 seconds
- 20> Built-In Central Locking Control
- 21> Central Lock Active Time selectable 0.5 or 3.5 seconds
- 22> Plug-In Dual Stage Shock Sensor
- 23> Shock Sensor By-pass
- 24> Intrusion Indication by chirp when disarmed
- 25> Ignition Auto Lock/Unlock
- 26> Siren or Horn selectable
- 27> Interior Light Delay Time programmable
- 28> 24hr Engine start



A-2) Key Function Table

Press Button (1) once	Arm / Disarm	Lock/ Unlock
Press Button (1) over 2 sec.	Panic	Panic
Press Button (2) once	Boot Release	Boot Release
Press Button (2) over 2 sec.	Aux (Channel 3) Output	Aux (Channel 3) Output
Press Button (3) once	Car Finder	Anti-Hijacking
Press Button (3) over 3 sec.	Remote Start On/Off	
Press Button (1)+(2) then Button (1)	Mute Mode	
Press Button (1)+(2) then Button (1) +(2)		Valet Mode
Press Button (1)+(3)	24-Hour Engine Start Mode	24-Hour Engine Start Mode

B) System Features

B-1) Remote Transmitter Code Learning

a> Follow the below procedure to program a new remote control.

With the alarm disarmed, and the doors CLOSED, switch the ignition ON/OFF 3 times (within 1 second of each other) and then back to the ON position.

The siren will chirp 2 times to indicate the alarm is in code learning mode.

b> To program the new remote control press button (1) within 10 seconds.

The siren will chirp twice and the hazard lights flash twice to confirm that the code has been learned. Follow the same procedure for second, third and fourth remote transmitter.

c> If the ignition is turned OFF or button (1) is not pressed within 10 seconds, the system will quit the code-learning mode. If this happens you must start again from the first step.

d> Up to 4 remote control transmitters can be programmed to the system.

B-2) Remote Arm

To arm the system, after exiting the vehicle and closing all doors, press button (1) once. The siren will chirp once and the hazard lights flash once. The doors will be locked and immobiliser will be on and armed. Now the system is ready to respond if intrusion attempts are detected.

If the doors or boot are opened, or the first stage shock sensor is triggered, the siren will chirp three times and the hazard lights flash three times at the same time. The violated zones will be by-passed and the system enters into the arm mode.

B-3) Remote Disarm

To disarm the system, simply press button (1) once while the system is armed.

The siren will chirp twice and the hazard lights flash twice at the same time.

If the alarm has been triggered while the system was armed, the siren will chirp 4 times and the parking lights flash 4 times to warn you.

B-4) Enhanced System Alerts

To protect your vehicle, the system will emit a different alert depending on why the alarm was activated.

a> Pre-warn sensor (first-stage sensor) triggered: Light impact will activate the pre-warn sensor.

b> Shock sensor (second-stage sensor) triggered: Heavy impact will activate the second-stage sensor. The hazard lights will flash and siren sound for one cycle (30 or 60 seconds based on the programmed default).

c> Ignition on: Siren will sound until the ignition is off.

d> Door opened and then closed: The hazard lights will flash and siren sound for one cycle (30 or 60 seconds).

e> Door opened and not closed: Siren will sound for three cycles (siren will stop for 5 seconds and sound again for next cycle). Door sensors will be bypassed until they are closed.

f> Bonnet opened and then closed: The hazard lights will flash and siren sound for one cycle (30 or 60 seconds).

g> Bonnet opened and not closed: Siren will sound for three cycles (siren will stop for 5 seconds and sound again for next cycle). Bonnet switch will be bypassed until it is closed.

h> Alarm triggered: Press button (1), siren will chirp once, doors lock and the system is still armed. Press button (1) once again, siren will chirp four times, doors unlock, immobilizer will turn off and LED off or flashes rapidly.

B-5) Panic Mode

Use this mode when you are in a situation where you need to warn away intruders.

a> With the alarm disarmed, press button (1) for 2 seconds.

The doors will be locked, immobiliser will turn on, hazard lights will flash and siren sound. The system will be armed after the siren stops.

b> With the alarm armed, press button (1) for 2 seconds.

The hazard lights will flash and the siren will sound. The system will remain armed.

c> With the ignition on, press button (1) for 2 seconds.

The hazard lights will flash and the siren sound. After the ignition is turned off, the immobiliser will be on and armed.

B-6) Boot Release (optional feature)

Press and hold button (2) for 2 seconds with the system either armed or disarmed and the boot will be released.

B-7) Car Finder

a> Press button (3) once while the system is armed or disarmed, the hazard lights will flash for 30 seconds.

b> Press either button (1), (2) or (3) while the system is in this mode. Siren will chirp once and the hazard lights flash once. The system will be armed if it was disarmed before.

B-8) Mute Arm Mode

With the alarm disarmed, Press button (1) and (2) simultaneously, the hazard lights will flash once, then press button (1) once again within a second.

To protect your vehicle, the system will emit a different alert depending on why the alarm was activated.

a> Warn away sensor triggered: siren will chirp three times

b> Second-Stage Shock Sensor triggered: The hazard lights will flash, but siren will not sound. The lights will be off after flashing one cycle and the system will remain in the mute arm mode.

c> Ignition Trigger (when ignition is on): The hazard lights will flash and siren sound. Lights and siren will not stop flashing and sounding until the ignition is turned off.

d> Door opened and then closed: The hazard lights will flash and siren sound for one siren-sounding cycle and the system will remain in the mute arm mode.

e> Door opened and not closed: The hazard lights and siren will be on for three cycles, and door sensors will be bypassed until doors are closed properly, the system will remain in the mute arm mode.

f> Bonnet opened and closed: The hazard lights will flash but the siren will not sound. Lights will stop flashing after one siren-sounding cycle and the system will remain in the mute arm mode.

g> Bonnet opened and not closed: The hazard lights will flash for the three cycles, siren will not sound, and bonnet switch will be bypassed until it is closed properly, the system will remain in the mute arm mode.

h> When the alarm is triggered, press button (1) once, lights will stop flashing. Press button (1) once again, the siren will chirp 4 times, lights flash 4 times, doors unlock, immobiliser turn off, LED off or flashes rapidly, and the system will leave mute arm mode.

B-9) Remote Valet Mode

This mode is a convenient feature to use when you hand the remote transmitter to third person for valet parking or vehicle service.

With the system disarmed, switch the ignition on and press button (1) and (2) once simultaneously, the lights will flash once. Then press button (1) and (2) once again simultaneously within 2 seconds, the siren will chirp once and the system will enter valet mode. In this mode, drivers can control only door lock/unlock.

To exit the remote valet mode, switch the ignition on and press button (1) and (2) once simultaneously, lights will flash once. Then press button (1) and (2) once again simultaneously within 2 seconds, the siren will chirp twice and then the system will leave valet mode.

B-10) Emergency Override Mode

In the event of an emergency such as losing the remote control transmitters, you can override the full security system.

a> Open the door with your car key and the alarm will be triggered.

b> Switch the ignition on/off 4 times.

B-11) Shock Sensor Bypass

Press button (1) once while the system is disarmed and then press button (1) again within 2 seconds.

B-12) Boot Release/Channel 3 Output/Total Closure Output (optional feature)

Channel 3 output is often used to operate a boot release or can be configured to operate Total Closure.

B-13) Remote Engine Start for Automatic Transmissions

Press button (3) for over 3 seconds to remote start. If the remote start fails more than twice, please check up the following:

- a> The remote start will be activated only under the arm mode.
- b> Bonnet Open
- c> Boot Open
- d> Door Open
- e> Foot brake pushed down
- f> Hand brake off

* The engine will shut off in the following cases to protect your vehicle after the remote start.

- a> Bonnet Open
- b> Door Open
- c> Boot Open
- d> Foot brake pushed down
- e> Hand brake released

* After remote engine start has been used, please follow the following steps to enter the vehicle.

- a> Disarm/unlock first.
- b> Insert the car key into the ignition then switch it to <On>, not Start.
The engine will shut down if you apply the foot or hand brakes before inserting the car key into the ignition and switching <On>.

B-14) Reservation Mode (Remote Engine Start for Manual Transmissions Only)

For manual transmission cars reservation mode is used for safety reasons. Ensure that Car Type is set to Manual (please refer to # 11 in Programming Option Table)

1) Follow the below procedure to set up the reservation mode.

- a> After arriving at the destination, leave the ignition on and shift the gear to the neutral position.
- b> Pull up the hand brake.
- c> Remove the key from the ignition. The engine will keep running.
- d> Exit the vehicle and close the door after Step c. The engine will shut down and the reservation mode is set up.

Important: Reservation mode must be set up as above every time before exiting manual transmission cars in order to activate the remote start.

2) Important requirements to activate the reservation mode:

- a> The transmission gear must be placed in the **neutral** position.
- b> The hand brake must be pulled up.
- c> Do not set the reservation mode when people are in vehicles.
- d> Do not activate the remote engine start when people are in vehicles
- e> The remote engine start will only be activated when the system is armed.

3) Cancel the Reservation Mode

The reservation mode will be cancelled if any of the following cases happen.

- a> The parking brake is released when the engine is running.
- b> Button (3) is pressed for 3 seconds between Step 3 and 4 during setting of the reservation mode.
- c> The valet mode is applied after completing the reservation mode.

d> Doors opened after completing the reservation mode without remote engine start.

B-15) LED Status Indicator

Slow Flash : Arm/Alarm/Panic/Anti-Hijacking
Fast Flash : Auto Re-Arm
Steady Light : Last Door Arming
No Light : Disarm

C) Optional Features

The Predator EVO4 has additional features for different types of vehicles and your customised needs. These options can be programmed by your installer.

C-2) Last Door Arming

If Last Door Arming is enabled, when the doors are closed the LED starts to flash rapidly. Then siren will chirp once, the hazard lights flash once, Immobiliser turns on and the system is armed automatically 30 seconds after the doors closed. If Passive Locking enabled, the doors will be locked.

C-3) Passive Locking

If Passive Locking is enabled: Upon the doors being closed, the LED starts to flash rapidly. The siren will chirp once, the hazard lights flash once, immobiliser turns on and doors are locked automatically 30 seconds after the last door is closed.

C-4) Ignition lock

If Ignition locking is enabled: The doors will be automatically locked 15 seconds after the ignition is turned on. The doors will be not locked if opened within 15 seconds of the ignition being turned on. The doors will be unlocked immediately upon the ignition being turned off.

* When the ignition is on, press button (1) to lock or unlock the doors.

C-5) Auto Re-Arming

If Auto Re-Arming is enabled, the system will be automatically armed 30 seconds after the system is disarmed.

C-6) Anti-Hijacking Mode

To activate Anti-Hijacking Mode: Press button (3) once when the engine is on. LED starts to flash rapidly for 15 seconds, then the parking lights start to flash and siren chirp for one cycle, but will continue to sound and flash unless the ignition key is turned off. The doors will be locked, immobiliser turned on and the alarm system armed. Press button (1) once to quit Anti-Hijacking mode.

C-7) 24-Hour Engine Start Mode

This feature is convenient to use in the cold winter season.

a> Press button (1) and (3) once at the same time to activate 24-Hour Engine Start Mode, then siren will chirp once and the hazard lights flash once to confirm.

Depending on the programmed value, the engine will automatically start every 3 or 6 hours in each 24-hour period.

b> Press button (1) and (3) once again at the same time to deactivate this mode. The siren will chirp twice and the hazard lights flash twice to confirm.

There are 3 situations that the 24-hour engine start mode will be cancelled as follows:

a> When remote engine start is used.

b> Doors are opened.

c> The system is triggered.

D) Visual Deterrent

As a visible deterrent in addition to the flashing dashboard LED your vehicle should have been fitted with the following warning stickers. A helpline sticker should also have been fitted to your front windscreen.

