



**FALCON PREDATOR XL**  
Add on Vehicle Security System for Vehicles with Factory Remote Locking  
**Installer's Manual**

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**A) Features**

- 01) One 2-stage plug-in sensor port
- 02) One single zone plug-in sensor port
- 03) Internal piezo siren
- 04) Under bonnet siren
- 05) Super bright blue LED indicator
- 06) Valet switch
- 07) Temporary external sensors bypass
- 08) Optional engine immobilisation even after the system is disarmed
- 09) 2 anti-hijacking modes
- 10) Anti-hijacking by valet switch and car door
- 11) 20 seconds interior light delay
- 12) Audible/silent arm/disarm
- 13) Flashing indicators on arm/disarm (selectable)
- 14) Personal code
- 15) Entry delay

**B) Optional Programming Features**

a) How to Enter the Programming Mode:

- (1) With the system disarmed
- (2) Open the door and turn on the ignition.
- (3) Press the valet switch on and off 3 times within 10 seconds of turning the ignition on.
- (4) The siren will sound for 2 seconds to confirm the system has entered the programming mode.

b) How to Program the Functions

(1) For example: Programming #3 feature

Apply the above procedure to enter into the programming mode, then press the valet switch 3 times within 10 seconds, the siren will chirp once in response to each pressing.

(2) After 2 seconds, the siren will chirp once or twice depending on the original programming.

For example: if the #3 feature was already programmed ENABLED then siren chirps twice to confirm #3 feature has been changed to DISABLED.

(3) Press the valet switch at the same number of times as the function number to program other functions. If the valet switch is not pressed within 12 seconds after your previous programming or the ignition is turned off the system will leave the programming mode. The siren will sound for 2 seconds to confirm the system has quit the programming mode.

**C) Programming Option Table**

Item	Chirp	Function	Chirp Once	Chirp Twice
1	1 Chirp	Temporary Sensor Bypass	Disabled	Enabled
2	2 Chirp	Engine Immobiliser	Disabled	Enabled
3	3 Chirp	Anti-Hijacking	Enabled	Disabled
4	4 Chirp	Anti-Hijacking Mode	MODE 1	MODE 2
5	5 Chirp	Anti-Hijacking Delay	60 SEC.	120 SEC.
6	6 Chirp	Interior Light Delay	Enabled	Disabled
7	7 Chirp	Chirps Disable/Enable	Disabled	Enabled
8	8 Chirp	Indicator Flash	Disabled	Enabled
9	9 Chirp	Entry Delay	Disabled	Enabled
10	10 Chirp	Personal Code	LED Flashes 1	LED Flashes 2-10

**\*Factory Default: Chirp Once**

## **D) Explanation of Programmable Functions**

### **01) Temporary Sensor Bypass - Factory Default: Disabled**

#### **(a) When Enabled:**

Shock sensor and ultrasonic sensor (Ports W7 and W8) both will be bypassed temporarily when Enabled. This bypass will be canceled and the sensors will work as normal again once the ignition has been turned on.

#### **(b) When Disabled:**

Both sensors work as normal.

### **02) Engine Immobiliser: Factory Default: Disabled**

#### **(a) When Enabled:**

When the system has been disarmed by pressing one of the factory remotes or opening doors manually the system will be disarmed, but the engine will remain immobilised. The only way to disarm the immobiliser is to use the Personal Code.

To disarm immobiliser by personal code:

- (1) Disarm the system by pressing one of the factory remotes.
- (2) Open the door.
- (3) Turn the ignition on.
- (4) LED starts flashing after 2 seconds from turning ignition on.
- (5) Turn off the ignition once the LED has flashed the same number of times as the personal code.
- (6) The LED will flash once to confirm the immobiliser is off now.

#### **(b) When Disabled:**

The system will be disarmed completely including the immobiliser when the system is disarmed by pressing one of the factory remotes.

### **03) Anti-hijackings: Factory Default: Enabled**

#### **(a) When Enabled:**

Anti-hijacking mode 1 or mode 2 will be activated depending on the selection as listed as below.

#### **(b) When Disabled:**

No anti-hijacking function

### **04) Anti-hijacking Mode: Factory Default: Mode 1**

#### **(a) Under Mode 1:**

With the alarm disarmed, simply pressing valet switch once will activate the anti-hijacking. The operation is as follows:

- (1) With the alarm disarmed.
- (2) Press the Valet switch once.
- (3) The system starts counting down for 60 or 120 seconds and the LED will flash once every 5 seconds.
- (4) After 60 or 120 seconds, the siren will chirp 10 times to warn that the system will enter into anti-hijacking mode after the 10 chirps.

#### **(b) Under Mode 2:**

With the alarm disarmed and when the ignition is on, the anti-hijacking will be activated when the door is opened and closed. The operation is as follows:

- (1) With the alarm disarmed.
- (2) With the Ignition on
- (3) Open and close the door
- (4) The system starts counting down for 60 or 120 seconds and the LED will flash once every 5 seconds.
- (5) After 60 or 120 seconds, the siren chirps 10 times to warn that the system will enter anti-hijacking mode after the 10 chirps.

**Note:**

- a. The only way to deactivate the anti-hijacking mode is by personal code.
- b. The system won't be able to enter in the valet mode when the system is under the anti-hijacking mode

**05) Anti-Hijacking Delay: Factory Default 60 Seconds**

Anti-hijacking mode will be activated after 60 or 120 seconds depending on the selection.

**06) Interior Light Delay (20 Seconds): Factory Default: Enabled**

**(a) When Enabled:**

If the system is armed by pressing one of the factory remotes and the doors, boot or bonnet are not closed properly the siren will chirp once and the LED flash. After 20 seconds, the siren will chirp 3 times and the LED flashes once again then starts flashing slowly to indicate one (or some) of the sensors has been triggered. In this case, the door, boot or bonnet won't be triggered unless it is closed properly.

**(b) When Disabled:**

If the system is armed by pressing one of the factory remotes and the doors, boot or bonnet are not closed properly the siren will chirp 4 times, indicator lights flash 3 times and LED will flash. In this case, the door, boot or bonnet won't be triggered unless it is closed properly.

**07) Chirps Disable or Enable: Factory Default: Disabled**

**(a) When Disabled:**

The siren won't chirp when the system is armed or disarmed.

**(b) When Enabled:**

The siren will chirp when the system is armed or disarmed.

**08) Indicator Light Disable or Enable: Factory Default: Disabled**

**(a) When Disabled:**

The indicator lights won't flash when the system is armed or disarmed..

**(b) When Enabled:**

The indicator lights will flash when the system is armed or disarmed.

**09) Entry Delay: Factory Default: Disabled**

**(a) When Disabled:**

The system will be disarmed immediately if the a door is opened, regardless of whether the door is opened by pressing one of the factory remotes or manually.

**(b) When Enabled:**

If the door is opened when the system is armed and the ignition is not turned on within approximately 40 seconds the system will then trigger and sound the siren fully.

If the system is disarmed from one of the factory remotes or manually the doors will be unlocked but the alarm system will remain in armed mode.

- (1) If one of the car doors is opened first, then the bonnet, boot, shock sensor and ignition will be on a delayed trigger of 30 seconds and the time of it takes to chirp 10 times (approximately 40 seconds in total). During this period turning on the ignition will disarm the system completely. After this 40-second period, if the ignition is not switched on, the system will be triggered in full.
- (2) If the boot, bonnet or shock sensor is triggered first, the system will be triggered immediately.
- (3) Once the system has been triggered applying the override mode (Personal code) will disarm the system.

### **10) Personal Code: Factory Default: LED Flashes Once**

The personal code is operated based on the LED flashing. The system has to be disabled by personal code under the following 4 modes:

- (1) When the system is triggered and alarming
- (2) When the system is in anti-hijacking mode.
- (3) When the system is programmed with the engine immobiliser enabled (option no. 2).
- (4) Emergency Override

#### **a) How to program the Personal code (option no. 10)**

- (1) Two seconds after choosing programming option 10 the LED will start to slowly flash 10 times.
- (2) If you wanted to program 4 as your personal code for example:  
Simply press the valet switch once after the LED has flashed 4 times and your personal code will be programmed as 4.
- (3) The personal code won't be changed if the valet switch is pressed during the LED flashing 10 times.
- (4) The system will leave the programming mode in 12 seconds after your previous programming or the ignition is turned off, and the siren will sound for 2 sec. to confirm the system has left the programming mode.
- (5) To program other functions, please repeat from above a).

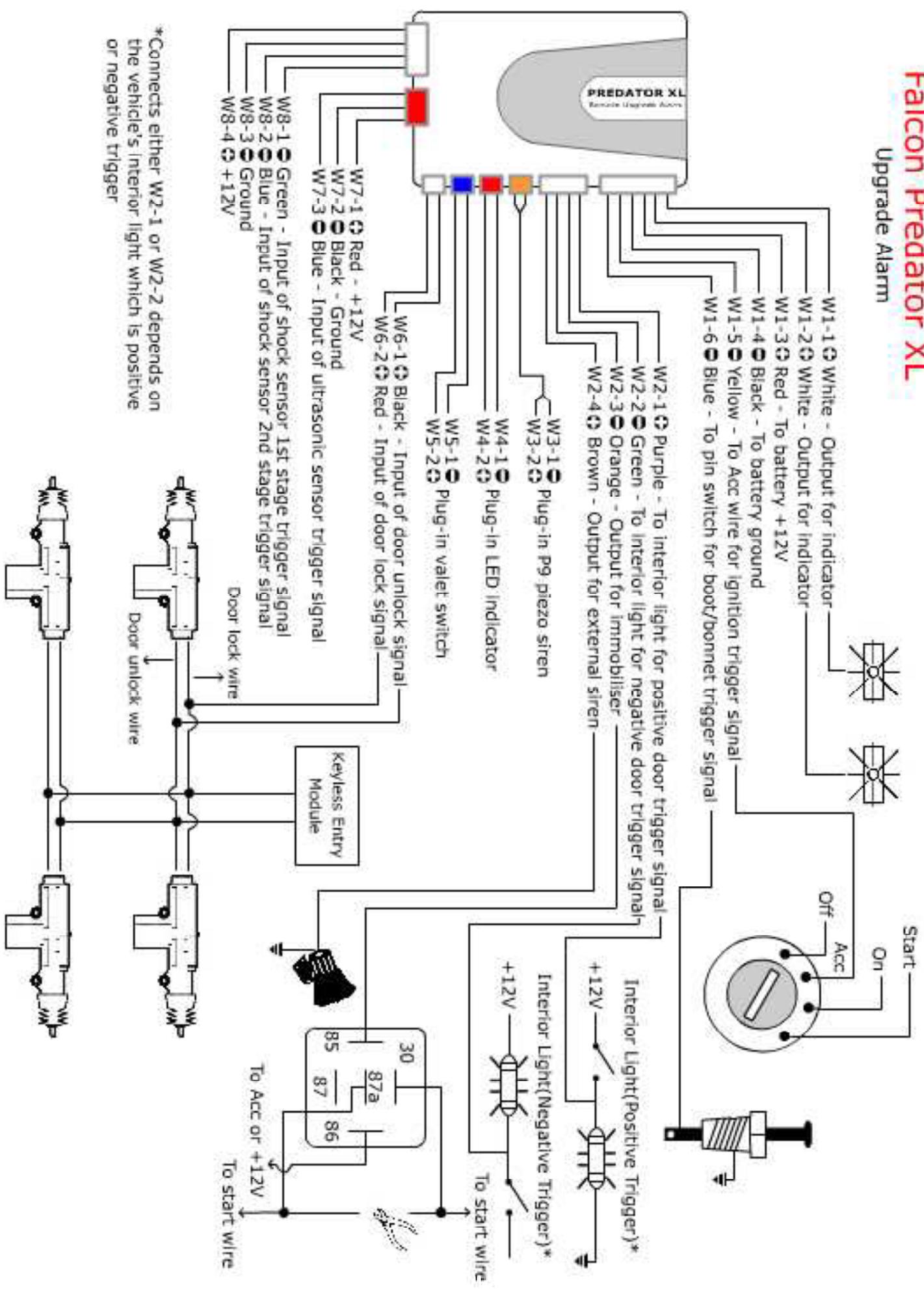
#### **b) How to operate the personal code:**

When the system is in one of the above-mentioned 4 modes

- (1) Open the door.
- (2) Turn on the ignition and the LED starts flashing after 2 seconds.
- (3) Turn off the ignition when the LED has flashed the same number of times as the personal code.
- (4) Repeat the above operation if the previous operation failed

# Falcon Predator XL

## Upgrade Alarm



\*Connects either W2-1 or W2-2 depends on the vehicle's interior light which is positive or negative trigger

## Central Locking Wiring Diagram

Diagram #A

Original built-in central door locking

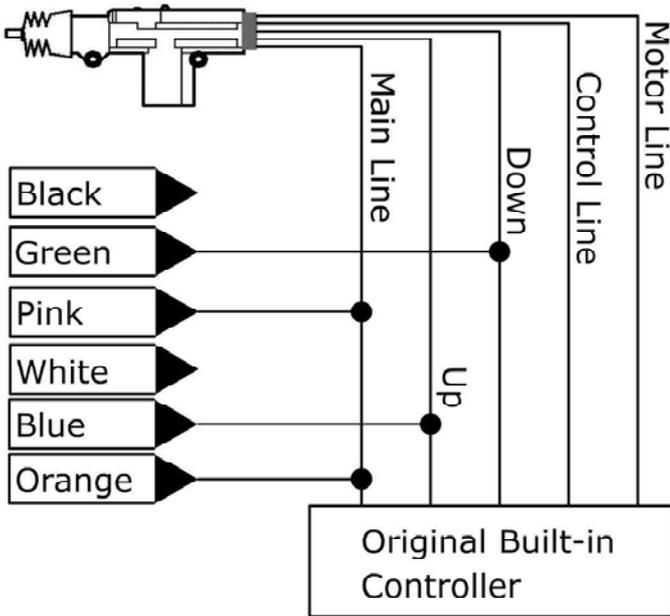


Diagram #B

Original built-in central door locking & electric power lock switch where installed  
For example: CHRYSLER

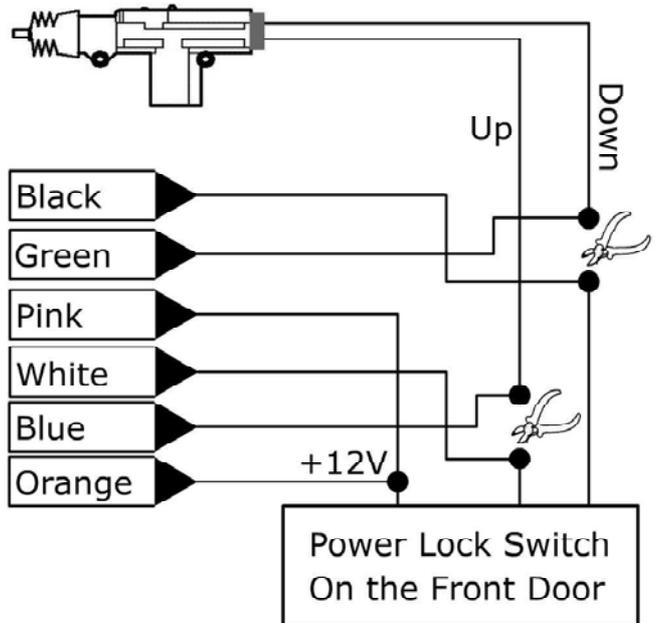


Diagram #C

Original built-in central locking & where only a switch existed in the drivers door.  
A motor is required

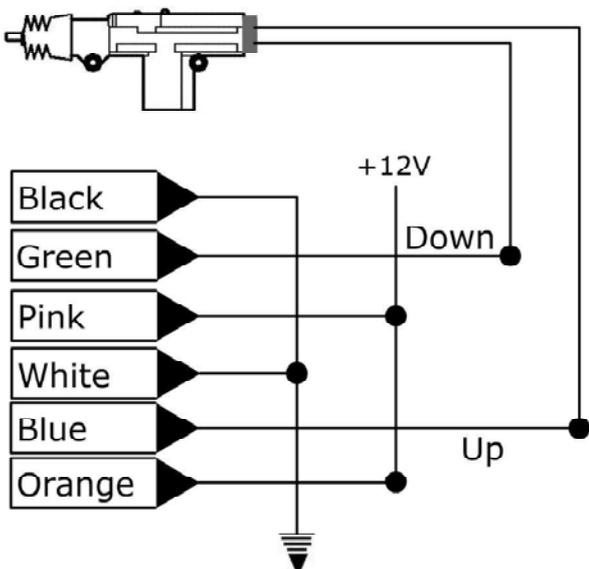


Diagram #D

Original built-in central locking using a compressor to control the switch.  
For example: BENZ, AUDI  
(Note: Active time 3.5 sec.)

