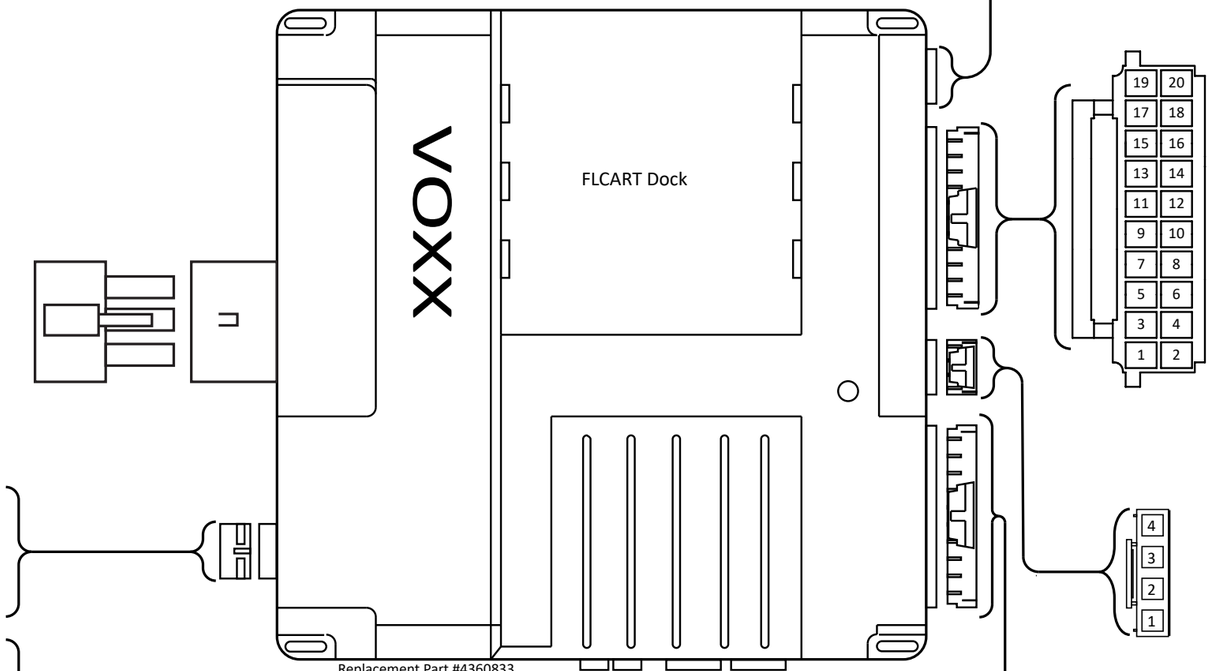
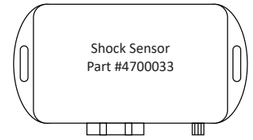
PROSEC

Security w/Keyless Entry System Layout



Replacement Part #4360833



Shock	4	Red	Battery 12V (+)
	3	Black	Ground (-)
	2	Blue	Warn Away (-)
	1	Green	Full Trigger (-)

Replacement Part #4120459

20 Pin Input/Output	20	Blue	Trunk Shunt Input (-/+)
	19	Orange	Starter Kill Relay / Anti-Grind Output (-)
	18	Red/Black	Disarm 2 Input (-/+)
	17	Black/White	Horn Output (-) (NOC 9)
	16	Red/Yellow	Disarm 1 Input (-/+)
	15	Dk. Blue/Black	Ch. 3 Alt Output (-) (NOC 8)
	14	Green/Black	Arm 2 Input (-/+)
	13	Green/White	Domelight Output (-) (NOC 7)
	12	Green/Yellow	Arm 1 Input (-/+)
	11	Lt. Blue/Green	Ch. 5 AUX Output (-) (NOC 6)
	10	Dk. Green	Instant Trigger Input (-)
	9	Green/Lt. Blue	Ch. 4 AUX Output (-) (NOC 5)
	8	Lt. Green	Trunk Trigger Input (-) (PIC 2)
	7	Dk. Blue	Trunk Output (-) (NOC 4)
	6	Gray/Black	Hood Input (-) (PIC 1)
	5	White/Blue	Headlight Output (-) (NOC 3)
	4	Purple/Brown	Door Trigger Input (- / +)
	3	Green	Unlock Output (-) (NOC 2)
	2	Empty	Empty
	1	Red	Lock Output (-) (NOC 1)

Replacement Part #4120460

Weblink	4	Red	Battery 12V (+)
	3	Black	Ground (-)
	2	Blue	Data TX
	1	White	Data RX

Not Included

This Harness is included with the FLCART.

For Wire Information and Diagram Please Refer to Vehicle Specific FlashLogic Install Guide.

Visit www.FlashLogic.com for More Information.

Not Included

6 Pin Power	1	White	Parking Light (30) Output (P)
	2	Black	Ground Input (-)
	3	White/Red	Parking Light (87) Input
	4	Yellow	Ignition Input (+)
	5	White/Black	Siren Output (+)
	6	Red	Battery 12V Input (+)

Replacement Part #4120461

DBI	1	White	Data RX
	2	Black	Ground (-)
	3	Blue	Data TX
	4	Red	Battery 12V (+)

Not Included

LED	1	Blue	LED Output (-)
	2	Red	Battery 12V (+)
Valet	1	Black	Ground (-)
	2	Gray	Valet Switch Input

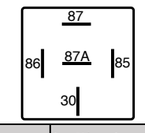
Replacement Part #4120474

RF	1	Green	Data RX
	2	Blue	Data TX
	3	Black	Ground (-)
	4	Red	Battery 12V (+)

Not Included

CarLink	1	Blue	Data TX
	2	White	Data RX
	3	Black	Ground (-)
	4	Red	Battery 12V (+)

Not Included



Starter Kill	85	Red	Ignition Input (+)
	86	Orange	Ground While Armed (-)
	87A	Black	Starter Output - Motor Side
	30	Black/White	Starter Input - Key Side

Replacement Part #4360828

Compatible RF Kits

PR1BZ	PE2LEDZ
PR1BZLR	PE2LCDZ
PR1BTWZ	PE1M2LEDZ
PR5BZ	PE1M2LCDZ

PROSEC

Security w/Keyless Entry

Quick Installation Guide

For Complete Installation Guide and Technical Support
Please Visit
www.voxxuniversity.com
Or Call
1-800-225-6074

REV. B

Notifications

Alarm

When the alarm is triggered the system will provide feedback to the user. Upon disarm, the system will beep 4x and flash the LED to indicate the Alarm Trigger Zone.

1	Shock
2	Trunk/Hood
3	Door

Chirp Delete

System ARM/DISARM chirps can be toggled ON or OFF without entering the Feature Bank programming.

1. Turn the ignition key ON/OFF.
2. Press and release the valet button three (3) times.

The system will respond with one (1) chirp for ON and two (2) Chirps for OFF. This feature will not affect alarm trigger or programming.

User Programmable LED

System LED notifications can be turned ON or OFF without entering Feature Bank programming.

1. Turn the ignition key ON/OFF, ON/OFF.
2. Press and hold valet button for five (5) seconds.

The LED will flash one (1) time for ON, two (2) times for OFF. This feature will not affect LED flash during programming.

Shock Sensor

The shock sensor should be mounted to a solid surface in the center of the vehicle. Once mounted the shock sensor will require adjustment.

To increase sensitivity: Turn adjustment dial clockwise.
To decrease sensitivity: Turn adjustment dial counter clockwise.

To test sensitivity, strike the vehicle with an open palm. Adjust the dial to provide coverage to as much of the vehicle as possible.

Factory Keyless Upgrade

The PROSEC can be used without transmitters as a Factory Keyless Alarm Upgrade. Arm / Disarm 1 inputs will be connected to the Driver Door Lock Motor. Arm / Disarm 2 inputs will be connected to the Passenger Door Lock Motor and / or the Lock Switch. The control polarity, by default, will be detected automatically upon power up. The Control polarity can also be manually configured using Feature Bank 2, Features 18-21.

Note: If this feature is supported by FLCAN Arm / Disarm Wires are not required for install.

The Trunk Shunt input will be used if the vehicle is equipped with a factory power trunk / hatch release. If equipped, connect the Trunk Shunt input to the factory trunk release trigger wire. The control polarity, by default, will be detected automatically upon power up. The control polarity can also be manually configured using Feature Bank 2, Feature 22.

Remote Programming

The PROSEC does not include an RF remote kit. The RF remote kit Includes two (2) remotes, one (1) antenna, and one (1) cable. When added, remotes must be programmed to the system. Remote Programming is located in Feature Bank 1. To enter Remote Auto Programming:

1. Turn the ignition key to ON.
2. Press and release the valet button three (3) times. System will beep and flash the parking lights one (1) time.

Press the lock button on each remote. The system will beep one (1) time to indicate the remote has been programmed. If programming one (1) button remotes, press the Start button. Only primary remote functions are auto programmed. This Includes Lock, Unlock, and Trunk/Start.

If using AUX output control, you must manually program the AUX output channels to the remote. Please see the complete installation guide for manual remote programming instruction.

Note: If programming 2-Way remotes, wait for the remote to beep before programming additional remotes. This beep is confirmation that a 2-Way response has been received from the main module.

Feature Programming

The PROSEC Feature Banks can be programmed by using the valet button and the OEM or Prestige remote. To enter Feature Bank programming:

1. Turn the ignition key to ON.
2. Press and release the valet button three (3) times. System will beep and flash lights one (1) time for Feature Bank 1, Remote Programming.
3. Cycle ignition key OFF/ON. System will beep and flash lights two (2) times for Feature Bank 2.
4. Press valet button to cycle features. LED will flash to display feature number.
5. Press lock button to cycle options. System will beep to indicate option number.

To exit Programming cycle ignition key OFF and wait ten (10) seconds. The System will also automatically exit programming after sixty (60) seconds of no activity.

Dome Delay Programming

This system can be programmed to ignore the vehicle's theater dimming dome light. This feature will be used when connecting the door trigger input to the dome light circuit for alarm trigger. Note: Vehicle windows should be open to prevent accidental locking of keys in the vehicle.

Start with all doors closed and the vehicle dome light off.
1. Press Lock, Unlock, Lock, Unlock, Lock, Unlock, Lock. LED will light solid.
2. Open and close the driver door.

The system will monitor the dome light circuit. When the dome light turns off the system will set the delay time and add an additional two (2) seconds.

Dome Delay Reset
1. Key ON/OFF, ON/OFF, ON/OFF.
2. Press and hold valet button for five (5) seconds.

The system will beep one (1) time to indicate reset is complete.

The Feature Bank below can also be programmed using the FlashLogic Weblink or Weblink Mobile.
Please visit www.FlashLogic.com for more detail.

Features			Options					
			1 Chirp	2 Chirp	3 Chirp	4 Chirp	5 Chirp	6 Chirp
Features	1	Lock / Unlock Function	***500ms***	3.5sec	500ms L, DBL UL	DBL L, 500ms UL	DBL L, DBL UL	500ms L, 350ms UL
	2	Ignition Lock	***OFF***	ON				
	3	Ignition Unlock	***OFF***	Unlock All	Unlock Driver			
	4	Exterior Illumination	***OFF***	With Arm	With Disarm	With Arm & Disarm		
	5	Auto Relock	***OFF***	Auto Lock Only	Auto Lock & Arm			
	6	Auto Arming / Locking	***OFF***	Auto Arm Only	Auto Lock & Arm			
	7	Notification Sound	***Both***	Siren	Horn			
	8	Horn Timing	***16ms***	30ms	40ms	50ms	10ms	
	9	Valet Override Method	***Valet***	Custom Code	Stand Alone Valet			
	10	Driver Priority Unlock	***OFF***	ON				
	11	Silent Choice	***OFF***	From Transmitter	OEM Style			
	12	Security Profile	***All On***	Doors Off	Hood/trunk Off	All Off	All On w/ OEM RS	
	13	Door Trigger Input	***Negative***	Positive				
	14	Park Light / Trunk Swap	***OFF***	ON				
	15	Data Port Protocol	***ADS***	DBI				
	16	1 or 2 Wire Disarm	***2 Wire***	1 Wire				
	17	Disarm Input	***120ms Dr OR Pass***	80ms Dr OR Pass	120ms, UL & Light	80ms, UL & Light		
	18	Arm 1 Input	***Auto Detect***	Positive	Negative			
	19	Disarm 1 Input	***Auto Detect***	Positive	Negative			
	20	Arm 2 Input	***Auto Detect***	Positive	Negative			
	21	Disarm 2 Input	***Auto Detect***	Positive	Negative			
	22	Trunk Shunt Input	***Auto Detect***	Positive	Negative			
	23	Dome Light Delay Timer	***OFF / Program***	15sec	30sec	45sec	60sec	120sec
	24	Alarm Trigger Length	***30sec***	45sec	60sec	90sec	120sec	

Important Update:

The default data port protocol of this system is ADS. When flashing the FLCAN, or other integration module, be sure to choose iDatalink 2-Way as the installation method.

This module will also support DBI. This will require programming Feature Bank 2, Feature 15 to DBI. For Technical Support Visit www.voxxuniversity.com or Call 1-800-225-6074.

Negative Output Control (NOC)

Negative output control allows any NOC to be programmed for any one of the options below. This feature is accessible via FlashLogic Weblink or Weblink Mobile.

Lock Output	Ground While Armed (GWA)
Unlock Output	Ground While Disarmed (GWD)
2nd Unlock Output	Ch. 3 ALT Output
Trunk Output	Ch. 4 AUX Output
Dome Light Output	Ch. 5 AUX Output
Head Light Output	Ch. 6 AUX Output
Horn Output	Ch. 7 AUX Output
LED Output	

AUX Output Control

Any AUX output can be configured using the AUX Control Menu. This feature is only accessible via FlashLogic Weblink or Weblink Mobile.

1 Second Pulse	20 Second Pulse
5 Second Pulse	30 Second Pulse
10 Second Pulse	Push & Hold
15 Second Pulse	Latch ON/OFF

PIC Input Control

Programmable Input Control allows any PIC be configured to one of the options listed below. This feature is accessible via FlashLogic Weblink or Weblink Mobile.

Door Trigger	Instant Trigger
N.C. Door Trigger	Pre-Warn Shock Trigger
Hood Trigger	Fill Shock Trigger
Trunk Trigger	

Data Protocol Selection

The default data port protocol of this model is ADS (iDatalink 2-Way). This model is capable of detecting the correct data port protocol (ADS or DBI) and automatically configuring Feature Bank 2; Feature 18. To initialize the detection procedure:

1. Press and hold the valet button.
2. Cycle the vehicle's Ignition ON/OFF two (2) times.
3. Release the valet button.

The system will automatically detect and set the correct data port protocol, ADS or DBI.

Note: This feature is only available on module firmware v2.0 or higher.

Notes