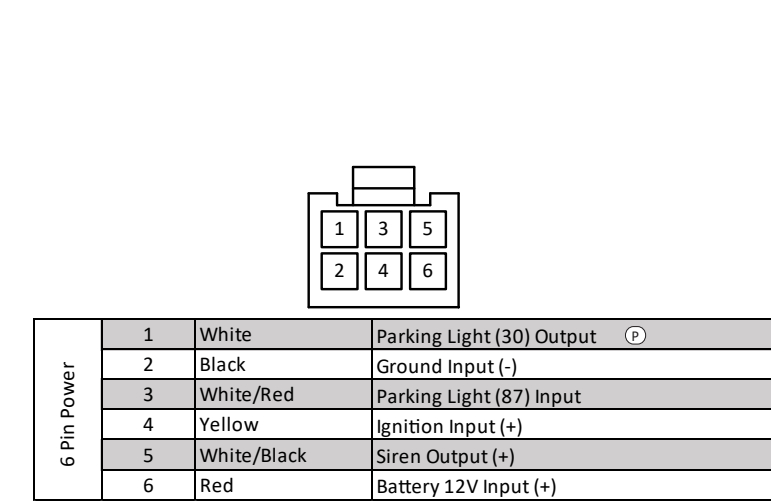
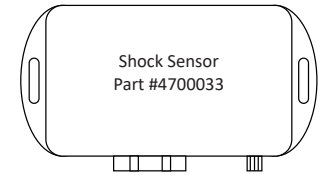


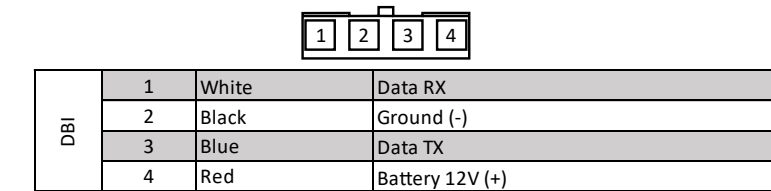


APSSEC

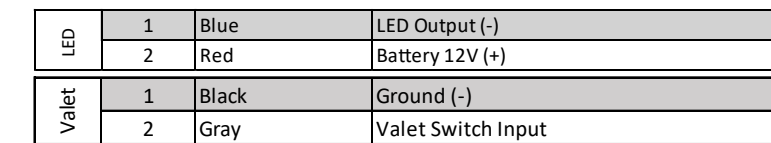
Security w/Keyless Entry System Layout



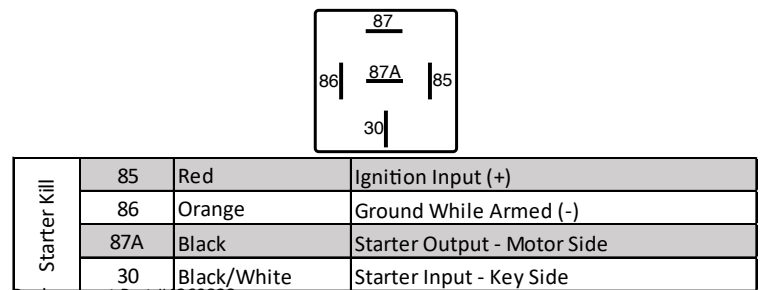
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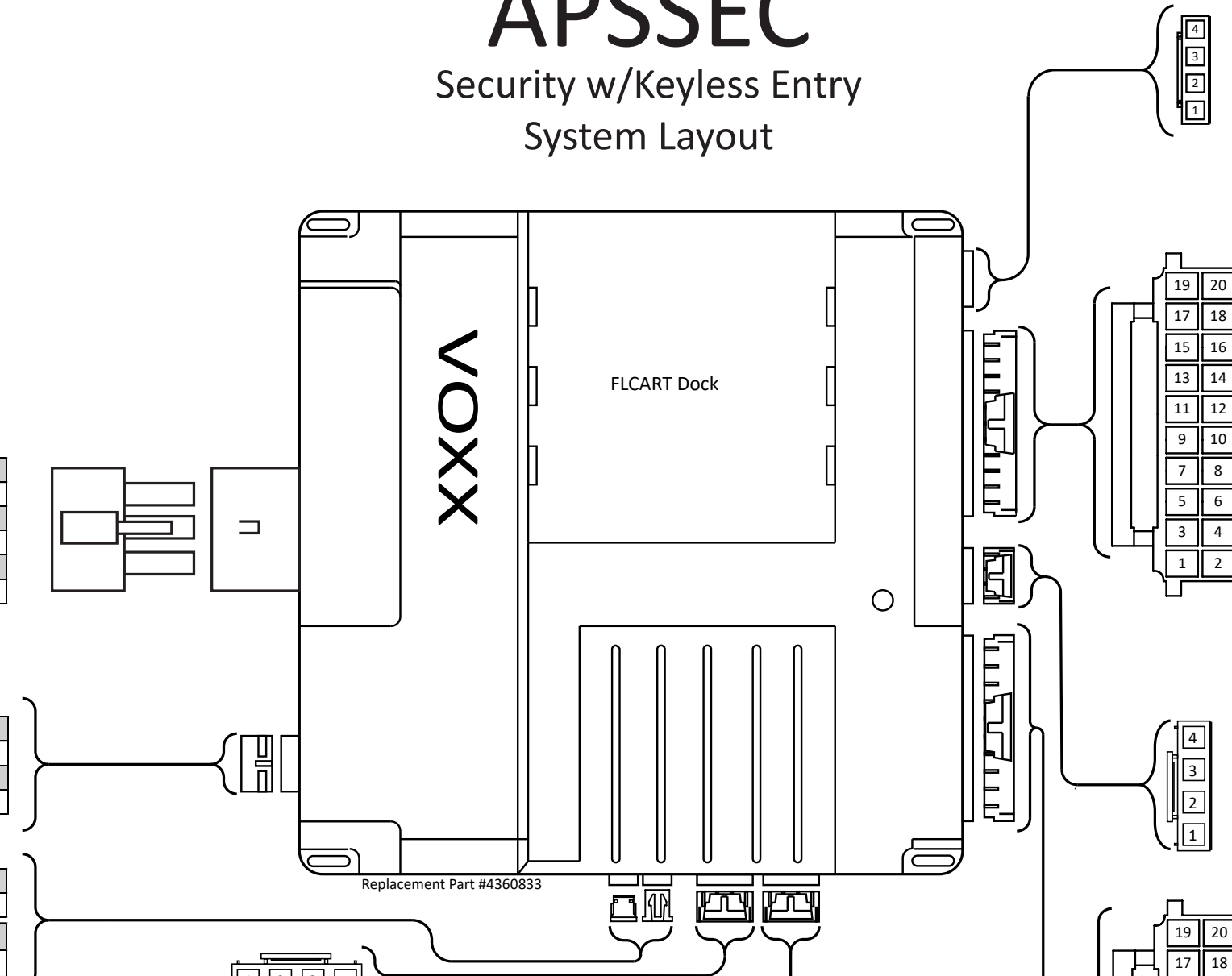
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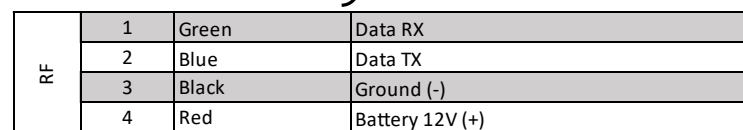
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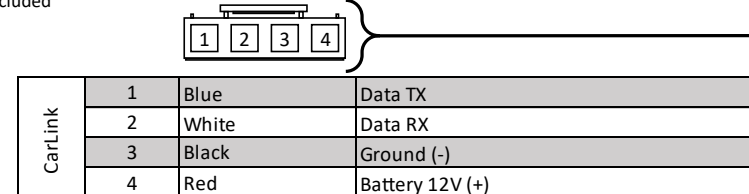
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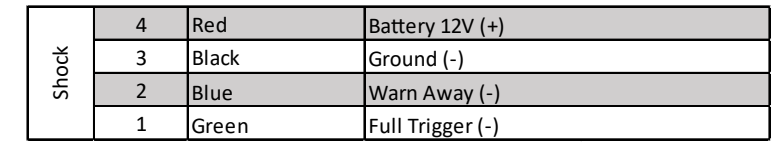
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Not Included



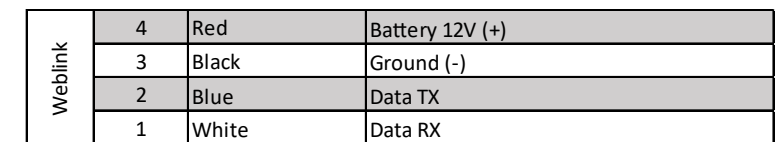
Not Included



Replacement Part #4120459



Replacement Part #4120460



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

- Compatible RF Kits
- PE1BZ PE2LEDZ
 - PE1BZLR PE2LCDZ
 - PE1BTWZ PE1M2LEDZ
 - PE5BZ PE1M2LCDZ



APSSSEC

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

Factory Keyless Upgrade

The APSSSEC 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 APSSSEC 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 APSSSEC 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 |
| 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

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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.