

# Quick Reference Install Guide

## Security and Remote Start Responder LE

### Wiring Connections

#### Main Harness (H1), 12-pin connector

|       |             |   |
|-------|-------------|---|
| H1/1  | RED/WHITE   | (-) 200mA TRUNK RELEASE OUTPUT                          |
| H1/2  | RED         | (+)12VDC CONSTANT INPUT                                 |
| H1/3  | BROWN       | (+) SIREN OUTPUT  |
| H1/4  | WHITE/BROWN | PARKING LIGHT ISOLATION WIRE - PIN 87a of onboard relay |
| H1/5  | BLACK       | (-) CHASSIS GROUND                                      |
| H1/6  | VIOLET      | (+) DOOR TRIGGER INPUT                                  |
| H1/7  | BLUE        | (-) TRUNK PIN/ INSTANT TRIGGER INPUT (N/C OR N/O)       |
| H1/8  | GREEN       | (-) DOOR TRIGGER INPUT (N/C OR N/O)                     |
| H1/9  | BLACK/WHITE | (-) 200mA DOME LIGHT SUPERVISION OUTPUT                 |
| H1/10 | WHITE/BLUE  | (-) REMOTE START/ TURBO TIMER ACTIVATION INPUT          |
| H1/11 | WHITE       | PARKING LIGHT OUTPUT                                    |
| H1/12 | ORANGE      | (-) 500mA GROUND WHEN ARMED OUTPUT                      |

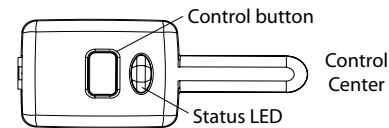
### New Features

- Enhanced Tach Filtering
- Addition of Aux 4 for a total of 5 Channel Outputs
- New 18 pin Harness
- Improved current capable Aux & OEM Alarm Outputs
- Enhanced Temperature Reading

#### Remote Start, (H3) 10-pin connector

|       |            |   |
|-------|------------|---|
| H3/1  | PINK       | (+) IGNITION 1 INPUT/OUTPUT                                   |
| H3/2  | RED/WHITE  | (+) FUSED (30A) IGNITION 2 / FLEX RELAY INPUT 87              |
| H3/3  | ORANGE     | (+) ACCESSORY OUTPUT  |
| H3/4  | VIOLET     | (+) STARTER OUTPUT (CAR SIDE OF THE STARTER KILL)             |
| H3/5  | GREEN      | (+) STARTER INPUT (KEY SIDE OF THE STARTER KILL)              |
| H3/6  | RED        | (+) FUSED (30A) IGNITION 1 INPUT                              |
| H3/7  | PINK/WHITE | (+) IGNITION 2 / FLEX RELAY OUTPUT                            |
| H3/8  | PINK/BLACK | (+) FLEX RELAY INPUT 87A key side (if required) of FLEX RELAY |
| H3/9  | RED/BLACK  | (+) FUSED (30A) ACCESSORY/STARTER INPUT                       |
| H3/10 | NC         | No Connection   |

### Installation Points



#### Adjusting the Stinger Double-Guard Shock Sensor

**Important!** Make sure the keypad is unlocked and the vehicle is disarmed with no open zones. The on board shock sensor can be adjusted using the LE remote.

##### Adjusting the sensor:

- Disarm the system, turn the ignition Off and close all the doors.
  - Press and hold the **f** button of the remote control for 8 seconds or until the amber LED turns on and you hear one long beep.
  - Press and hold the **lock** button 1.5 seconds or until the amber led comes on solid.- The control module emits one long chirp, confirming that it has entered adjustment mode.
  - Press the **lock**, **unlock**, or **panic** buttons to adjust the sensor level.  
**Note:** You can test the new setting by cautiously impacting the vehicle with increasing intensity until the siren chirps, indicating the impact level required to fully trigger the alarm.
- lock** button: Pressing this button increases the sensitivity one level. The siren chirps twice confirming the sensitivity adjustment.
  - unlock** button: Pressing this button decreases the sensitivity one level. The siren chirps once confirming the sensitivity adjustment.
  - panic** button: Pressing this button resets to default level 7. The siren chirps three times.

##### To exit the shock sensor adjustment mode from the remote control:

Press and release the **f** button any time during programming to go back to the main menu. Press and hold for 1.5 seconds in the main menu to exit programming.

##### To exit the shock sensor adjustment mode from the control module:

Open an entry point or turn on the ignition, the control module emits one long chirp exiting adjustment mode.

### Learning the Tach (not needed with Virtual Tach)

#### To learn the tach signal:

- Start the vehicle with the key.
- Within 5 seconds, press and hold the Control button.
- After 3 seconds the status LED on your Control Center lights constant when the tach signal is learned.
- Release the Control button.

### Initializing Virtual Tach (not needed with hardwire tach inputs)

#### To program Virtual Tach:

- After the install is complete, remote start the engine. The programming operation may require 3 cranks of the starter before the engine starts and runs. Do not turn off the remote start if this happens, it is a normal programming operation.
- Once the engine begins running, let it run for at least 30 seconds.
- Using the Remote, send the Remote start command to turn remote start off. Virtual Tach is programmed.

To reset Virtual Tach, go into the Remote Pairing section of this guide and press/release the Control button 4 times for step #4, then press and hold the Control button to reset Virtual Tach. Virtual Tach cannot be reset with the Bitwriter.

**Note:** Virtual Tach cannot be used in MTS Manual Transmission Mode. It is also not recommended for diesel trucks.

Virtual Tach handles disengaging the starter motor during remote starting – it does not address over-rev. If the customer wants to have the over-rev protection capability, the tach wire must be connected.

**Important:** After successfully learning Virtual Tach, a small minority of vehicle starters may over crank or under crank during remote start. The Bit-writer can be used fine tune the starter output time in 50mS increments to compensate for such an occurrence.

### Remote Start Shutdown/Startup Diagnostics

#### To perform shutdown diagnostics:

- With the ignition Off, press and hold the Control button (on Control Center).
- Turn the ignition On and then back Off while holding the Control button.
- Release the Control button.
- Press and release the Control button. The status LED flashes to report the last shutdown for one minute or until the ignition is turned on, as shown in the following table:

| Status LED Flashes | Shutdown Mode                                  |
|--------------------|--|
| 1 flash            | Runtime expired                                |
| 2 flashes          | Over-rev shutdown                              |
| 3 flashes          | Low or no RPM                                  |
| 4 flashes          | Transmitter shutdown (or optional push button) |
| 5 flashes          | (+) Brake shutdown                             |
| 6 flashes          | (-) Hood shutdown                              |
| 7 flashes          | Timer mode/Turbo mode/Manual mode error *      |
| 8 flashes          | Neutral safety shutdown                        |
| 9 flashes          | Low battery (voltage mode)                     |
| 10 flashes         | Alarm triggered **                             |
| 11 flashes         | Wait-to-start input timed out                  |

- \* Timer mode error: Ignition is on or shutdown input is active when activating timer mode.
- Turbo mode error: Turbo mode is programmed off, engine is not on or shutdown input is active.
- Manual mode error: MTS mode not enabled.
- \*\* Alarm was triggered during remote start sequence.

**Startup Diagnostics:** If the vehicle fails to activate the remote start, the remote start module will notify you via your Responder LE remote control and will flash the parking lights on the vehicle to notify you of what caused the no-start situation.

#### Parking Light Flashes

|           |  |
|-----------|--|
| 5 flashes | Brake wire is active   |
| 6 flashes | Hood pin wire is active  |
| 7 flashes | Manual transmission mode is enabled and not initialized.               |
| 8 flashes | Neutral safety wire has no ground or the neutral safety switch is Off. |

### Long Term Event History

The system stores the last two full triggers in memory. These are not erasable. Each time the unit sees a full trigger, the older of the two triggers in memory is replaced by the new trigger. To access long term event history:

- With the ignition Off, press and hold the Control button (on Control Center).
- Turn the ignition On.
- Release the Control button.
- Within 5 seconds, press and release the Control button. The status LED flashes in groups indicating the last two zones that triggered the unit for 1 minute or until the ignition is turned off. Refer to table of zones (overleaf on page 2).

**Note:** The Warn Away triggers are not stored to memory and is not reported.

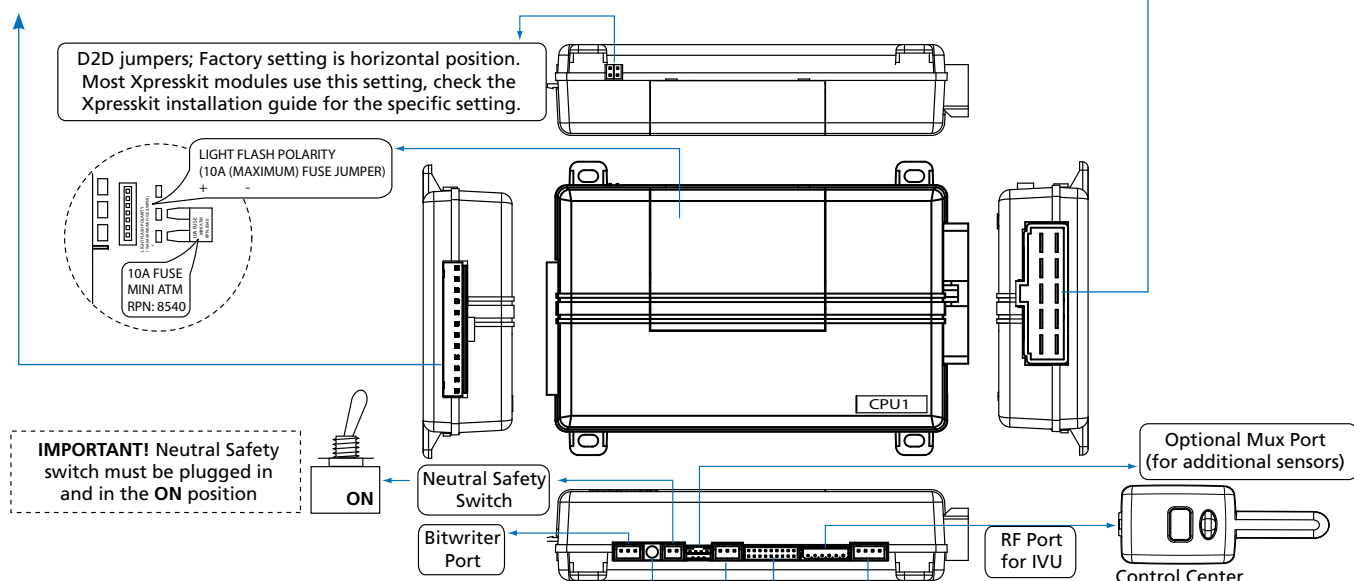
#### Door Lock, 3-pin connector

|   |       |                          |
|---|-------|--------------------------|
| 1 | BLUE  | (-) 500 mA UNLOCK OUTPUT |
| 2 | EMPTY | NOT USED                 |
| 3 | GREEN | (-) 500 mA LOCK OUTPUT   |



#### H2 Harness, 18-pin connector

|      |                   |                                   |
|------|-------------------|-----------------------------------|
| H2/1 | LIGHT GREEN/BLACK | (-) 200mA OEM ALARM DISARM OUTPUT |
| H2/2 | ORANGE/BLACK      | (-) 200mA AUX 4 OUTPUT            |
| H2/3 | GREEN/WHITE       | (-) 200mA OEM ALARM ARM OUTPUT    |
| H2/4 | VIOLET/BLACK      | (-) 200mA AUX 2 OUTPUT            |
| H2/5 | WHITE/BLACK       | (-) 200mA AUX 3 OUTPUT            |
| H2/6 | WHITE/VIOLET      | (-) 200mA AUX 1 OUTPUT            |
| H2/7 | GREY/BLACK        | (-) DIESEL WAIT TO START INPUT    |
| H2/8 | BROWN/BLACK       | (-) 200mA HORN HONK OUTPUT        |
| H2/9 | VIOLET/WHITE      | TACHOMETER INPUT                  |

|       |             |  |
|-------|-------------|--|
| H2/10 | DARK BLUE   | (-) 200mA STATUS OUTPUT                    |
| H2/11 | PINK/WHITE  | (-) 200mA FLEX RELAY CONTROL OUTPUT        |
| H2/12 | ORANGE      | (-) 200mA ACCESSORY OUTPUT                 |
| H2/13 | PURPLE      | (-) 200mA STARTER OUTPUT                   |
| H2/14 | PINK        | (-) 200mA IGNITION 1 OUTPUT                |
| H2/15 | GREY        | (-) HOOD PIN INPUT (N/C OR N/O)            |
| H2/16 | BLUE/WHITE  | (-) 200mA 2ND STATUS /REAR DEFOGGER OUTPUT |
| H2/17 | BROWN       | (+) BRAKE SHUTDOWN INPUT                   |
| H2/18 | BLACK/WHITE | (-) NEUTRAL SAFETY INPUT                   |



Bitwriters with a date code of 6a or older require an IC upgrade (p/n 998M). Some bitwriters with a date code of 6B do not require the IC upgrade, refer to tech tip # 1112 for more information.

The Bitwriter® (p/n 998U) requires chip version 2.7 or newer to program this unit.

See full Installation Guide for more detailed information on this system. Such information and more can be found online at: [www.directechs.com](http://www.directechs.com)



## Programming System Features

The System Features Learn Routine dictates how the unit operates. It is possible to access and change most of the feature settings using the Control button.

1. **Open** a door.
2. **Turn** the ignition on, then off.
3. **Select** a Menu. **Press and hold** the Control button. The number of siren chirps indicates the menu number. 1 chirp indicates menu 1, 2 chirps - menu 2 and 3 chirps for menu 3.
4. When the desired menu chirps are heard, **release** the Control button.
5. **Select** a Feature. **Press and release** the Control button the number of times corresponding to the feature you wish to change. Then **press and hold** one more time to select the features.
6. **Program** the Feature. While holding the Control button, you can program the feature using the remote control.

For features with only two options; = option 1 while = option 2.

For features with more than two options; selects the options in ascending order, while selects them in descending order.

**Note:** Pressing button resets the feature to the factory default.

### Once a feature is programmed:

- Other features can be programmed within the same menu
- Another menu can be selected
- The learn routine can be exited if programming is complete

### To access another feature in the same menu:

1. **Press and release** the Control button the number of times necessary to advance from the feature you just programmed to the next one you want to program.
2. Then **press** the Control button once more and **hold** it.

### To select another menu:

1. **Press and hold** the Control button.
2. After 3 seconds, the unit advances to the next menu and the siren chirps, indicating which menu has been accessed.

### The learn routine exits if any of the following occurs:

- The open door is closed
- The ignition is turned On
- There is no activity for 30 seconds
- The Control button is pressed too many times

## Bitwriter - Only Options



If programming with the Bitwriter®, the learn routine can be locked or unlocked. If the learn routine has previously been locked, it must be unlocked with Bitwriter® - this cannot be done manually with the Control button.

The Bitwriter® gives you access to a wider range of system options. These features and the adjustments that may be programmed are described in the table below. Default settings are in **bold** type.

| Menu Item | Feature             | Default        | Opt. 2                 | Opt. 3            | Opt.4       | Opt. 5+  |
|-----------|---------------------|----------------|------------------------|-------------------|-------------|--|
| 1         | Zone 4 Sensor Type  | <b>None</b>    | Shock/Omni             | Field Disturbance | Tilt Sensor | Glass Break (5)/ Ultrasonic (6)                        |
| 2         | Siren Duration      | <b>30 sec.</b> | Options: 1 to 180 sec. |                   |             |  |
| 3         | Aux/Trunk Icon Type | <b>Trunk</b>   | Window                 | Sunroof           | Audio       | Lights/Left dr/Right dr/Rear Hatch                     |
| 4         | Aux 1 Timed Output  | <b>30 sec.</b> | Options: 1 to 90 sec.  |                   |             |  |
| 5         | Aux 1 Icon Type     | <b>Pulsed</b>  | Trunk                  | Window            | Sunroof     | Audio/Lights/Left dr/Right dr/Rear Hatch/Timed/Latched |
| 6         | Aux 2 Timed Output  | <b>30 sec.</b> | Options: 1 to 90 sec.  |                   |             |  |
| 7         | Aux 2 Icon Type     | <b>Pulsed</b>  | Trunk                  | Window            | Sunroof     | Audio/Lights/Left dr/Right dr/Rear Hatch/Timed/Latched |

|    |                                 |                        |  |        |         |  |
|----|---------------------------------|------------------------|--|--------|---------|--|
| 8  | Aux 3 Timed Output              | <b>30 sec.</b>         | Options: 1 to 90 sec.  |        |         |  |
| 9  | Aux 3 Icon Type                 | <b>Pulsed</b>          | Trunk  | Window | Sunroof | Audio/Lights/Left dr/Right dr/Rear Hatch/Timed/Latched |
| 10 | Aux 4 Timed Output              | <b>30 sec.</b>         | Options: 1 to 90 sec.  |        |         |  |
| 11 | Diesel Start Delay Timer        | <b>15 sec.</b>         | Options: 1 to 90 sec.  |        |         |  |
| 12 | Timer Mode Runtime              | <b>12 min.</b>         | Options: 1 to 16 min.  |        |         |  |
| 13 | Timer Mode Starts               | <b>6 starts</b>        | Options: 1/2/3/4 to 24 (Starts) in increments of 2               |        |         |  |
| 14 | Timer mode intervals            | <b>3 hr.</b>           | Options: 1/2/3/4 to 24 in 2 hour increments                      |        |         |  |
| 15 | Smart start low temp            | <b>0° (F)</b>          | Options: OFF, -20° to 70° in 10° increments                      |        |         |  |
| 16 | Smart start high temp           | <b>100° (F)</b>        | Options: OFF, 40° to 130° in 10° increments                      |        |         |  |
| 17 | Smart start low battery (volts) | <b>10.5V</b>           | Options: OFF, 9V to 12.5V in 0.5V increments                     |        |         |  |
| 18 | Sensor 1 Level                  | <b>7</b>               | Options: 0 to 15 in increments of 1                              |        |         |  |
| 19 | Starter Release Fine Tune       | <b>6 (normal)</b>      | Options: 0 to 20 in increments of 1                              |        |         |  |
| 20 | Feature Programming             | <b>Unlocked</b>        | Locked   |        |         |  |
| 21 | Transmitter Programming         | <b>Unlocked</b>        | Locked   |        |         |  |
| 22 | Remote Start Runtime            | <b>12 min.</b>         | Options: 1 to 60 min.  |        |         |  |
| 23 | Virtual Tach Fine tune          | <b>Not Initialized</b> | Options: Not initialized, 0 to 1000 in 50 millisecond increments |        |         |  |

## Feature Menus

Default settings are in **bold** type. New features are **bold** with grey background.

### Menu 1 - Security

| Menu Item | Feature                        | Opt. 1  | Opt. 2                                      | Opt. 3               | Opt.4                 | Opt. 5+              |
|-----------|--------------------------------|---|---|----------------------|-----------------------|----------------------|
| 1         | System Arming Mode             | <b>Active</b>                                       | Passive Arm w/o lock                        | Passive Arm w/ lock  | Auto re-arm w/o lock  | Auto re-arm w/ lock  |
| 2         | Panic Mode                     | <b>On</b>   | Ign Off only                                | Off                  |                       |                      |
| 3         | Confirmation Chirps            | <b>On w/Warn chirps On</b>                          | On w/Warn chirps Off                        | Off w/Warn chirps On | Off w/warn chirps Off |                      |
| 4         | Siren Duration                 | <b>30 sec.</b>                                      | 60 sec.                                     |                      |                       |                      |
| 5         | Ign-controlled Locks           | <b>No Ign-locking</b>                               | Lock & Unlock                               | Lock Only            | Unlock Only           |                      |
| 6         | Door Lock Pulses               | <b>Single</b>                                       | Double Unlock Only                          | Double Lock Only     | Double Lock & Unlock  |                      |
| 7         | Door Lock Output Duration      | <b>0.8 sec.</b>                                     | 3.5 sec.                                    | 0.4 sec.             |                       |                      |
| 8         | 2nd Unlock                     | <b>2nd unlock on Ign-control after first unlock</b> | 2nd unlock on Ign-control with first unlock |                      |                       |                      |
| 9         | Comfort Closure                | <b>No Comfort Closure</b>                           | Comfort Closure 1                           | Comfort Closure 2    |                       |                      |
| 10        | Horn Function                  | <b>Full Alarm Only</b>                              | Siren Function 20 ms                        | Siren Function 30 ms | Siren Function 40 ms  | Siren Function 50 ms |
| 11        | Hood Switch type               | <b>Normally Open</b>                                | Normally closed                             |                      |                       |                      |
| 12        | Sensor Full trigger            | <b>Single</b>                                       | Double                                      |                      |                       |                      |
| 13        | Door Switch Type               | <b>Normally open</b>                                | Normally closed                             |                      |                       |                      |
| 14        | Trunk Switch Type              | <b>Normally open</b>                                | Normally closed                             |                      |                       |                      |
| 15        | Remote Button unlock (Ign off) | <b>On</b>   | Off   |                      |                       |                      |

## Menu 2 - Convenience

| Menu Item | Feature                      | Opt. 1                     | Opt. 2             | Opt. 3            | Opt.4              | Opt. 5+                                      |
|-----------|------------------------------|----------------------------|--------------------|-------------------|--------------------|--|
| 1         | One-time Bypass              | <b>One time bypass Off</b> | One time bypass On |                   |                    |  |
| 2         | Nuisance Prevention          | <b>On</b>                  | Off                |                   |                    |  |
| 3         | Override Pulse count         | <b>1</b>                   | 2                  | 3                 | 4                  | 5  |
| 4         | Door Trigger Error Chirp     | <b>On</b>                  | Off                |                   |                    |  |
| 5         | Ign-controlled Dome light    | <b>On</b>                  | Off                |                   |                    |  |
| 6         | OEM Alarm Disarm w/Aux-Trunk | <b>On</b>                  | Off                |                   |                    |  |
| 7         | OEM Alarm Disarm Output      | <b>With Unlock</b>         | Before Unlock      | Remote Start Only |                    |  |
| 8         | OEM Alarm Disarm Pulses      | <b>1</b>                   | 2                  |                   |                    |  |
| 9         | Aux 1 Output type            | <b>Validity</b>            | Latch              | Latch/reset/ign   | 30 sec. Timed      | Off (5)/2nd unlock (6)                       |
| 10        | Aux 1 Linking                | <b>No Linking</b>          | Link to Arm        | Link to Disarm    | Link to Arm/Disarm | Link to Remote Start only                    |
| 11        | Aux 2 Output Type            | <b>Validity</b>            | Latch              | Latch reset/ign   | 30 sec. Timed      | Off (5)/2nd unlock (6)                       |
| 12        | Aux 2 Linking                | <b>No Linking</b>          | Link to Arm        | Link to Disarm    | Link to Arm/Disarm | Link to Remote Start only                    |
| 13        | Aux 3 Output Type            | <b>Validity</b>            | Latch              | Latch reset/ign   | 30 sec. Timed      | Off (5)/2nd unlock (6)                       |
| 14        | Aux 3 Linking                | <b>No Linking</b>          | Link to Arm        | Link to Disarm    | Link to Arm/Disarm | Smart Key Control (Link to Remote Start Off) |
| 15        | <b>Aux 4 Output Type</b>     | <b>Validity</b>            | Latch              | Latch reset/ign   | 30 sec. Timed      | Off (5)/2nd Unlock (6)                       |
| 16        | <b>Aux 4 Linking</b>         | <b>No linking</b>          | Link to Arm        | Link to Disarm    | Link to Arm/Disarm | Link to Remote Start Only                    |
| 17        | <b>Aux/Trunk Output type</b> | <b>Validity</b>            | Off                | 2nd unlock        |                    |  |

### Menu 3 - Remote start

| Menu Item | Feature                             | Opt. 1                     | Opt. 2              | Opt. 3              | Opt.4         | Opt. 5+                                    |
|-----------|-------------------------------------|----------------------------|---------------------|---------------------|---------------|--|
| 1         | Transmission Mode                   | <b>Manual</b>              | Automatic           |                     |               |  |
| 2         | Engine Checking Mode                | <b>Virtual Tach</b>        | Voltage             | Off                 | Tachometer    |  |
| 3         | Cranking Time                       | <b>0.6 sec.</b>            | 0.8 sec.            | 1.0 sec.            | 1.2 sec.      | 1.4 (5)/ 1.6 (6)/ 1.8 (7) 2.0 (8)/ 4.0 (9) |
| 4         | Remote Start Runtime                | <b>12 min.</b>             | 24 min.             | 60 min.             |               |  |
| 5         | Activation Pulse Count              | <b>1</b>                   | 2                   |                     |               |  |
| 6         | Turbo Mode                          | <b>No Turbo Mode</b>       | On-1 min.           | On-3 min.           | On-5 min.     | On- 10 min.                                |
| 7         | Timer Mode Runtime                  | <b>12 min.</b>             | 3 min.              | 6 min.              | 9 min.        |  |
| 8         | Flex Relay Function                 | <b>Ignition 2</b>          | Accessory 2         | Starter 2           |               |  |
| 9         | Diesel Start Delay                  | <b>Wait-to Start input</b> | Timed 15 sec.       | Timed 30 sec.       | Timed 45 sec. |  |
| 10        | Accessory during Diesel Start Delay | <b>On</b>                  | Off                 |                     |               |  |
| 11        | Status 2 Output                     | <b>Status</b>              | Latch Rear Defogger | Pulse Rear Defogger |               |  |
| 12        | Parking light Output                | <b>Constant</b>            | Pulsed              | Off                 |               |  |
| 13        | Anti-grind Output                   | <b>On</b>                  | Off                 |                     |               |  |

|    |                           |               |          |          |  |  |
|----|---------------------------|---------------|----------|----------|--|--|
| 14 | Tach Mode Starter Release | <b>Normal</b> | Increase | Decrease |  |  |
| 15 | Vehicle Temp Auto Report  | <b>Off</b>    | On       |          |  |  |
| 16 | Remote Start Safelock     | <b>Off</b>    | On       |          |  |  |

## Remote Pairing

Prepare the vehicle system to be Paired with a new remote

1. **Open** a door.
2. **Turn** the key to the ON position.
3. Within 5 seconds **press and release** the Control button on the Control Center one time.
4. Within 5 seconds, **press and hold** the Control button on the Control Center. The status LED will flash one time and the siren then chirps to confirm the vehicle is ready for remote pairing.
5. **Release** the Control button and proceed below.

**Note:** If no remote pairing results, the system will exit after 60 seconds.

### Prepare the new remote to be Paired with the system

Remote Pair matches your LE remote to the system. Make sure the LE remote is set for the desired Car 1 (Default) or Car 2 operation for the system it will be paired with.

1. **Press and hold** the **f** button for 8 seconds.  
**Note:** The LOCK LED indicator will turn on at 3 seconds. Please disregard and continue to **hold**.
2. Wait for the Transmit LED to light solid and the remote to beep. **Release** the **f** button.
3. **Press** the for 1 second. The transmit LED will blink 3 times and beep 3 times.
4. Within 5 seconds, **press** the button.
5. The vehicle siren will chirp and the LED indicators on the remote will light in sequence with sound. You have now successfully learned the remote to the vehicle remote start and security system.
6. **Press** the **f** button two times to exit learn routine on the remote. The transmit LED will turn off and exit tone will sound..

**Note:** Please see installation guide for pairing with the 1-way companion remote.

## Basic Remote Functions

| Level Button | DIRECT ACCESS  | <b>f</b> X 1                           | <b>f</b> X 2            | <b>f</b> X 3               | <b>f</b> X 4                      |
|--------------|----------------|--|-------------------------|----------------------------|-----------------------------------|
|              | ARM            | SILENT ARM                             | SENSOR BYPASS           | ARMED (SILENT SENSOR)      | ARMED (SILENT TRIGGER)            |
|              | DISARM         | SILENT DISARM                          | VALET MODE              | CAR FINDER                 |                                   |
|              | REMOTE START   | RUNTIME RESET                          | TIMER MODE              | SMART START                | REAR DEFOGGER                     |
|              | TRUNK RELEASE  | AUX 1                                  | AUX 2                   | AUX 3                      | AUX 4                             |
| <b>f</b>     | FUNCTION SHIFT | CABIN TEMPERATURE REQUEST (2-WAY ONLY) | ARM STATUS (2-WAY ONLY) | RUNTIME CHECK (2-WAY ONLY) | LAST TRIGGER REQUEST (2-WAY ONLY) |

**Note:** See Owner's guide for more details

## Table of Zones

A zone is represented by the number of status LED flashes used by the system to identify a particular type of input.

| Zone | Description  | Input Description              |
|------|--|--------------------------------|
| 1    | Trunk Pin  | H1/7 Blue wire                 |
| 2    | Instant trigger: a heavier impact detected by the onboard shock sensor | On board shock sensor.         |
| 3    | Door switch trigger  | H1/8 Green or H1/6 Violet wire |
| 4    | Instant trigger: For optional sensors                                  | Optional MUX port              |
| 5    | Ignition trigger   | H3/1 Pink wire                 |
| 6    | Hood Pin   | H2/15 Grey wire                |