

REV.7

TARANTULA



ARS.1

by SOUNDSTREAM

REMOTE STARTER & ALARM SYSTEM

INSTALLATION GUIDE

www.security.soundstream.com

FCC ID NOTICE

This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the part responsible for compliance void the user's authority to operate this device.

QUICK VIEW WIRING DIAGRAM.....	3-4
<i>Connector Pin Configuration</i>	
<i>Antenna Connector</i>	
<i>Park Light Jumper</i>	
INSTALLATION NOTES.....	5
TACH LEARNING.....	6
<i>Data Tach Mode</i>	
<i>Tach/ Tachless Learn</i>	
<i>Hybrid Mode</i>	
QUICK VIEW PROGRAMMING.....	7-9
<i>Enter Program Mode</i>	
<i>System Reset</i>	
<i>Menu 1,2,3 & 4 Quick View</i>	
SYSTEM WIRING DETAILS.....	10-14
<i>Connector Views</i>	
<i>Wiring Description</i>	
SHOCK SENSOR.....	15
<i>Adjusting Shock Sensor Sensitivity</i>	
TRANSMITTER PROGRAMMING.....	16
<i>Adding/ Reprogramming Transmitter</i>	
DIAGNOSTICS.....	17
<i>Diagnostic Chart</i>	
<i>Diagnostic Memory</i>	
DOOR LOCK DIAGRAMS.....	18-19
<i>Relay Diagrams</i>	
CONTACT INFORMATION.....	20

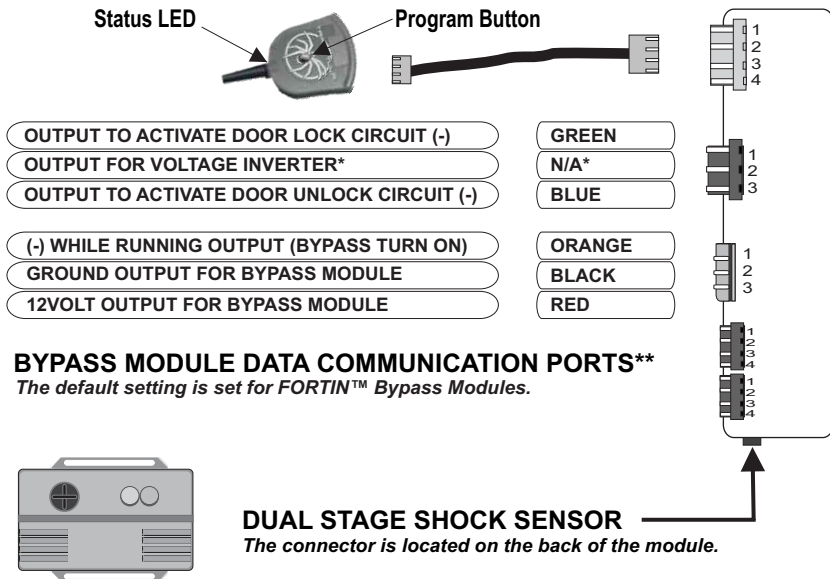
QUICK VIEW WIRE DIAGRAM

INSTALL MANUAL

OUTPUT TO ACTIVATE THE STARTER CIRCUIT	PURPLE	
OUTPUT TO ACTIVATE THE ACCESSORY CIRCUIT	ORANGE	
12VOLT/ 30 AMP MAIN POWER INPUT	RED	
12VOLT/ 30 AMP MAIN POWER INPUT	RED	
SELECTABLE OUTPUT* (DEFAULT 2ND IGN)	PINK/WHITE	
OUTPUT TO ACTIVATE THE IGNITION CIRCUIT	PINK	
(+) SIREN OUTPUT/ (+) PULSED HORN OUTPUT	BROWN	
(-) STARTER KILL/ ANTI-GRIND OUTPUT	ORANGE/BLACK	
SELECTABLE PARK LIGHT OUTPUT (DEFAULT POSITIVE)	WHITE	
SYSTEM GROUND INPUT	BLACK	
REARM OUTPUT (PULSE WITH LOCK & AFTER START)	GREEN/WHITE	
DISARM OUTPUT (PULSE WITH UNLOCK & BEFORE START)	GREEN/BLACK	
NEGATIVE SECOND START OUTPUT	PINK/WHITE	
AUXILIARY OUTPUT TO ACTIVATE TRUNK RELEASE	RED/WHITE	
(-) 2ND ACCESSORY/ PROGRAMMABLE AUXILIARY 2 OUTPUT	ORANGE/WHITE	
AUXILIARY 1 OUTPUT/ PROGRAMMABLE OUTPUT	ORANGE/BLACK	
BRAKE SWITCH INPUT (12VOLT WHEN BRAKE IS PRESSED)	BROWN	
NOT USED	BLACK/WHITE	
HOOD PIN SWITCH (GROUND WHEN HOOD IS OPENED)	GRAY	
TACH DETECTION INPUT (CONNECT TO COIL, INJECTOR...)	PURPLE/WHITE	
DIESEL WAIT TO START (+ or -) / TRIGGER TO START	GRAY/BLACK	
POSITIVE DOOR PIN INPUT/ POSITIVE WHEN OPENED	PURPLE	
NEGATIVE DOOR PIN INPUT/ NEGATIVE WHEN OPENED	GREEN	

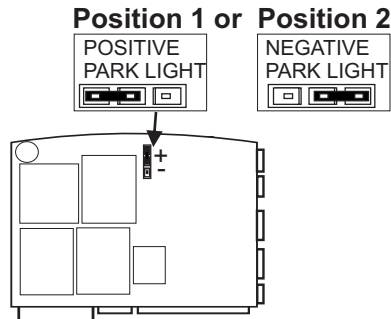
* The selectable output can be changed in the program mode to output as a 2nd Accessory or 2nd Start output. Default output is second ignition. **This output does not change back to 2nd Ignition upon reset.**

WARNING - NEVER INSTALL AN AUTOMATIC REMOTE STARTER INTO A MANUAL TRANSMISSION VEHICLE!

**SELECTABLE PARK LIGHT OUTPUT*****

BY DEFAULT THE SYSTEM COMES WITH THE PARK LIGHT JUMPER SET FOR POSITIVE PARK LIGHT OUTPUT.

TO CHANGE THE SYSTEM TO A NEGATIVE PARK LIGHT OUTPUT, PLACE THE JUMPER IN THE NEGATIVE PARK LIGHT POSITION SHOWN IN THE DIAGRAM. (**Position 2**)



PLEASE NOTE

*** THE CENTRE PIN OF THE KEYLESS CONNECTOR IS LOW CURRENT AND IS DESIGNED TO SUPPLY POWER TO DOOR LOCK MODULES (DO NOT CONNECT TO RELAYS) OVERLOADING THIS OUTPUT WILL DAMAGE THE MODULE! ONLY.**

****THESE INPUT'S ARE USED TO CONNECT BYPASS MODULES AND OTHER PRODUCTS SUCH AS GPS TRACKING. FOR BYPASS MODULES THERE ARE 2 SELECTION TYPES. THE DEFAULT SETTING IS FOR FORTIN™ MODULES. THE SECOND IS FOR IDATA™ BYPASS MODULES.**

***** ALWAYS TEST AND CONFIRM THE PARK LIGHT POLARITY BEFORE MAKING YOUR CONNECTION TO THE VEHICLE.**

THIS MODEL IS TO BE INSTALLED IN AUTOMATIC TRANSMISSION VEHICLES ONLY.

AUTO TACH/ TACHLESS LEARNING



Start the vehicle with the ignition key.



2 CHIRPS/ 2 FLASHES = TACH MODE
 3 CHIRPS/ 3 FLASHES = DATA TACH MODE
 4 CHIRPS/ 4 FLASHES = TACHLESS MODE

NOTES:

When tach learning the system first sends out a request for tach from the data port. If it gets a valid rpm response over 750 rpm then it goes into data tach mode (3 flashes). If there is no response, the unit will look for the tach/tachless.

Once the starter goes on then off, the unit will learn tach, if there is no tach detected within a few seconds after starting, the system will learn in tachless mode after 20 seconds.

If there is no starter detected, the system learns tach after 30 seconds. If no tach is detected the system will learn tachless after an additional 10 seconds.

HYBRID MODE'S

Hybrid mode 1 - This option requires a tach connection. Once the vehicle starts the system will not monitor the tach input and stay running for 15 minutes.

Hybrid Mode 2- (No Tach wire connection) This setting will power up the ignition wires, pulse the start output for 2 seconds then stay on/ run for 15 minutes. See Program Menu 4, Hybrid Mode 1 & 2. Hybrid mode 2 was designed for "Push to Start" systems and hybrid vehicles that may not actually start until the battery voltage drops.

****Hybrid Mode 2** is also ideal for vehicles with no starter wire or "Automatic Starting". This is when the vehicle's starter motor will continue to crank and start the vehicle even if the key is only turned to the start position momentarily.

LOW IDLE LEARNING

Hold the brake then start the vehicle with the key. Place the transmission into reverse to lower the RPM. Press and release the button on the antenna twice. The system will chirp the Horn and flash the park lights two times to confirm Tach Mode or chirp 4 times/ 4 flashes to indicate Tachless Mode re-learn.

ENTERING PROGRAM MODE

- 1 - Cycle the Ignition Key On/Off On/Off On (Leaving the key ON)
- 2 - Press and release the Program Switch 1 time. The park lights will turn on and the Siren will chirp to confirm entering program mode.
- 3 - Select the Program Menu by pressing...

Press Lock



MENU 1

Press Unlock



MENU 2

Press Start



MENU 3

Press #



MENU 4

The system will confirm the program menu by flashing the park lights/ horn / siren chirps.

- 4 - **Press and Release the Program Switch** to advance through the settings.

(Confirmed by Park Lights/ Siren chirps & LED flashes)

- 5 - **Press and hold the Program Switch** to change the setting.

(Confirmed by Park Lights/ Siren chirps & LED flashes)

- 6 - **To exit Program Mode, turn the key off.**

(Confirmed by Long Siren Chirp)

Example- Programming Menu 1, Setting 6 to 2nd Unlock.

- 1 - Cycle the Ignition Key On/Off On/Off On
- 2 - Press and release the Program Switch 1 time. (1 chirp/ 1 flash)
- 3- Press and release the Lock button for Menu 1. (1 chirp/ 1 flash)
- 4- Press and release the program button until the LEDs on the antenna flash 6 times.
**The park lights will flash and the siren will chirp 6 times to confirm the current setting)
- 5- Press and hold the program button. The Park Light will flash once (option 1), pause then flash twice to confirm option 2 has been selected.
**The siren will chirp 1 time (option 1) then 2 times to confirm the option 2.
- 6- Release the program switch and turn off key to exit.

SYSTEM RESET

- 1 - Cycle the Ignition Key On/Off On/Off On (**Leaving the key ON**)
- 2 - Press and **RELEASE** the Program Switch 1 time and the park light will turn on.
(Horn/ Siren will chirp to confirm program mode has been entered)
- 3 - Press and **HOLD** the Program Switch for 5 seconds or until the Park Lights flash 3 times.
(Confirmed by 3 Park Lights flashes/ Siren chirps)
- 4 - Turn the ignition key **OFF** to exit.

PROGRAM MODE



PROGRAM MODE 1 (1 Flash/ 1 Chirp)

PROGRAM MODE 1

SETTING # LED FLASHES	SETTING DESCRIPTION	OPTION 1 1 CHIRP	OPTION 2 2 CHIRPS	OPTION 3 3 CHIRPS
1	IGNITION AUTO-LOCK	IGNITION AUTO-LOCK / UNLOCK	IGNITION AUTO-LOCK ONLY	IGNITION AUTO-LOCKS DISABLED
2	HORN / SIREN SETTINGS	HORN / SIREN CHIRPS DISABLED	HORN/SIREN CHIRPS ENABLED	
3	DOOR LOCK PULSE OPTIONS	DOUBLE UNLOCK & SINGLE LOCK	DOUBLE LOCK & SINGLE UNLOCK	SINGLE LOCK & SINGLE UNLOCK
4	DOOR LOCK / UNLOCK PULSES	0.25 SEC PULSES	3 SEC PULSES	0.75 SEC PULSES
5	AUX CHANNEL 1	(-) IGNITION CAR FINDER ON	DOME LIGHT CAR FINDER ON	AUX 1 OUTPUT WITH DISARM*
6	AUX CHANNEL 2	AUX OUTPUT 2 WITH DISARM	2ND UNLOCK	(-) ACCESSORY OUTPUT
7	PASSIVE DOOR LOCKS	PASSIVE DOOR LOCKS DISABLED	PASSIVE DOOR LOCKS ENABLED	
8	PASSIVE ARMING/ PASSIVE ST. KILL	FULL PASSIVE ARMING ENABLED	PASSIVE SAFETY REARM ENABLED	ACTIVE ARMING ONLY
9 ALARM	SHOCK / AUX SENSOR	SENSOR ENABLED	SHOCK SENSOR DISABLED	SENSORS ENABLED



PROGRAM MODE 2 (2 Flashes/ 2 Chirps)

PROGRAM MODE 2

SETTING # LED FLASHES	SETTING DESCRIPTION	OPTION 1 1 CHIRP	OPTION 2 2 CHIRPS	OPTION 3 3 CHIRPS
1	VALET SETTINGS	SECURE VALET 15 SECONDS	STANDARD VALET	
2	PARK-LIGHT OUTPUT	30 SECONDS ON DISARM	NORMAL OPERATION	
3	HORN TIMING	5MS OUTPUT	50MS OUTPUT	* 30MS OUTPUT
4	SIREN OPTIONS	30 SECOND DURATION	(+) PULSED FOR HORN	60 SECOND DURATION
5	HOOD PIN INPUT	N/C FACTORY TYPE	N/O AFTER MARKET SWITCH	
6	NOT USED	NOT USED	NOT USED	

PROGRAM MODE

INSTALL MANUAL



PROGRAM MODE 3 (3 Flashes/ 3 Chirps)

PROGRAM MODE 3

SETTING # LED FLASHES	SETTING DESCRIPTION	OPTION 1 1 CHIRP	OPTION 2 2 CHIRPS	OPTION 3 3 CHIRPS
1	SELECTABLE RELAY	2ND STARTER	2ND ACCESSORY	2ND IGNITION
2	SPECIAL DOOR LOCK OPTIONS	UNLOCK BEFORE / LOCK AFTER START	LOCK AFTER STARTER SHUT OFF	NO ADDITIONAL PULSES
3	GAS / DIESEL MODE	NEG GLOW PLUG / 30 SEC DELAY	(+) START TRIGGER (2X) 10 SECOND DELAY START	GAS / POSITIVE GLOW PLUG
4	RE-ARM OPTIONS	PULSE WITH LOCK	PULSE AFTER START (DEFROST / SEAT)	PULSE WITH LOCK & AFTER SHUTDOWN
5	RUNTIME	4 MINUTE RUNTIME	45 MINUTE RUNTIME	15 MINUTE RUNTIME
6	REMOTE START ACTIVATION	PRESS BUTTON TWICE TO START	PRESS BUTTON ONCE TO START	
7	LED FLASHES	LEDS DO NOT FLASH WHEN LOCKED/ ARMED	LEDS FLASH WHEN LOCKED/ ARMED	
8	SPECIAL DISARM	PULSES ACC & GRW WHEN DISARMED	NORMAL DISARM	
9	1 & 2 BUTTON REMOTE'S	UNLOCK ONLY UNLOCK & START FOR TIMER MODE	UNLOCK/ LOCK TOGGLE UNLOCK & START FOR TIMER MODE	4 BUTTON REMOTE



PROGRAM MODE 4 (4 Flashes/ 4 Chirps)

PROGRAM MODE 4

SETTING # LED FLASHES	SETTING DESCRIPTION	OPTION 1 1 CHIRP	OPTION 2 2 CHIRPS	OPTION 3 3 CHIRPS
1	TACH OPTIONS	HYBRID MODE 1	HYBRID MODE 2	AUTO TACH / TACHLESS
2	ADJUST FOR OVER- CRANK	INCREASES TACH SETTING BY 10%		
3	ADJUST FOR UNDER- CRANK	DECREASE TACH SETTING BY 10%		
4	TACH WAIT SETTINGS	300ms TACH CHECK DELAY	750ms TACH CHECK DELAY	NO TACH CHECK DELAY
5	BYPASS MODULE SELECTION TYPE	IDATA™ LINK BYPASS MODULE	FORTIN™ BYPASS MODULE	

6-PIN CONNECTOR

OUTPUT TO ACTIVATE START CIRCUIT	PURPLE	
OUTPUT TO ACTIVATE ACCESSORY/ HEATER CIRCUIT	ORANGE	
30A HIGH CURRENT 12VOLT INPUT	RED	
30A HIGH CURRENT 12VOLT INPUT	RED	
SELECTABLE OUTPUT (DEFAULT SECOND IGNITION)	PINK/WHITE	
OUTPUT TO ACTIVATE IGNITION CIRCUIT	PINK	

4-PIN CONNECTOR

(+) SIREN/ HORN OUTPUT (+)	BROWN	
STARTER-KILL/ ANTI-GRIND OUTPUT	ORANGE/BLACK	
JUMPER SELECTABLE PARK LIGHT OUTPUT (+ OR -)	WHITE	
SYSTEM GROUND INPUT	BLACK	

3-PIN KEYLESS ENTRY CONNECTOR

NEGATIVE OUTPUT FOR UNLOCK	GREEN	
12+ OUTPUT FOR DOOR LOCK MODULE		
NEGATIVE OUTPUT FOR UNLOCK	BLUE	

PIN-1 PURPLE Starter Output-This wire will test 0V when the key is off, in the Accessory position and when the Ignition is in the on position. The starter wire is 12volts during the start/ crank position only.

PIN-2 ORANGE Heater/Acc Output-This wire will test 0V when key is off, 12volts in the ACC and IGN positions and off during start/ crank position.

PIN-3 RED 12volt Input(30amp)- This input supplies the 12volt power for the Ignition, Park Lights and the Selectable output.

PIN-4 RED 12volt Input(30amp)- This input supplies the 12volt power for the Accessory and Starter outputs.

PIN-5 PINK/WHITE Selectable Output - 2nd Ignition, Accessory or Start output. Programmable.

Note: This output does not switch to default when the system is reset.

PIN-6 PINK Ignition Output- This wire will test 0V in the off and Accessory positions the switch to 12volts in the Ignition and Start positions.

PIN-1 BROWN (+) Siren Output- Connect to the positive input to the alarm siren. This output is programmable for horn activation. A relay is required to convert the polarity to a negative output.

PIN-2 ORANGE/BLACK Starter Kill/ Anti-Grind- This wire can be connected to an additional relay to disable the start circuit when the lock button is pressed. The output will also stay on when remote started, this will prevent the starter motor from being re-engaged while the vehicle is running.

PIN-3 WHITE Jumper Selectable Park Light Output (+ or -)- Connect to the vehicles positive park light wire or change the jumper and connect to the vehicle negative park light wire. The default position of the jumper is **Positive Park light Output**.

PIN-4 BLACK System Ground Input- Connect to chassis ground.

PIN 1- GREEN- Negative Lock Output

Connect to lock wire from the switch on vehicles with a negative type switch. ****LOW CURRENT ONLY****

PIN 2- 12volt Output for Door Lock Module

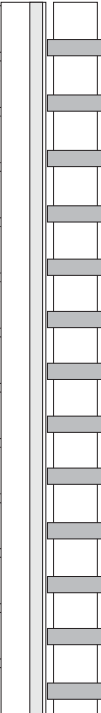
This output will supply 12volts for a plug-in type door lock module. Do not use this input to power-up relays

****LOW CURRENT ONLY****

PIN 3- BLUE- Negative Unlock Output

Connect to lock wire from the switch on vehicles with a negative type switch. ****LOW CURRENT ONLY****

13 PIN CONNECTOR

OUTPUT FOR FACTORY ALARM RE-ARM	GREEN/WHITE	
OUTPUT FOR FACTORY ALARM DIS-ARM	GREEN/BLACK	
NEGATIVE STARTER OUTPUT	PINK/WHITE	
OUTPUT FOR TRUNK RELEASE ACTIVATION	RED/WHITE	
NEGATIVE ACCESSORY OUTPUT/ AUXILIARY OUTPUT 2	ORANGE/WHITE	
AUXILIARY OUTPUT 1/ PROGRAMMABLE OUTPUT	ORANGE/BLACK	
BRAKE SWITCH INPUT (+) WHEN BRAKE IS PRESSED	BROWN	
NOT USED	BLK/WHT	
HOOD PIN SWITCH INPUT	GRAY	
TACH WIRE INPUT	PURPLE/WHITE	
DIESEL WAIT TO START/ (+) TRIGGER TO START	GRAY/BLACK	
POSITIVE DOOR PIN INPUT	PURPLE	
NEGATIVE DOOR PIN INPUT	GREEN	

1-GREEN/WHITE **Rearm(-)** (Programmable) - Supplies one .75 second pulse when locked and one .75 second pulse after remote start shutdown. Factory alarm re-arm/ RAP shutdown.

2-GREEN/BLACK **Disarm(-)** - .75 second pulse when unlock button is pressed and one .75 second pulse before remote start activation. For factory alarm dis-arm/ "wake up".

3-PINK/WHITE **(-) Start/ Crank** - Negative output during crank/ start.

4-RED/WHITE **Trunk Release(-)** (Programmable)- Output will activate when the Trunk button is held for at least 3 seconds.

5- ORANGE/WHITE **2nd Acc (-) / Auxiliary Output 2** (Programmable) - Ground output at the same time as the primary Accessory. output. This output can be programmed to activate as an auxiliary output when the trunk and start buttons are held.

6- ORANGE/BLACK **Auxiliary Output 1/ Programmable Output** - Auxiliary Output 1 Programmable to (-) Ignition/ Car Finder and Dome Light Supervision with Car Finder.

7- BROWN **Brake Switch input (+)** - This wire must be connected to the wire at the brake switch that changes to 12volts when the brake is pressed.

8- BLACK/WHT NOT USED

9- GRAY **Hood Pin Input (-)** - Connect this wire to the supplied hood pin switch. If ground is detected on this input the remote starter will not activate.

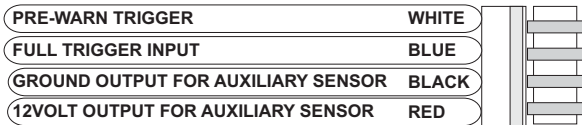
10- PURPLE/WHITE **Tach Wire Input (A/C)** - This wire is used to detect when the vehicle has started. The Tach source is typically taken from a fuel injector, coil, coil pack or crank position sensor. The Tach wire is generally found as the opposite from the common wire at the coil or fuel injector.

11- GRAY/BLACK **Wait to Start Input (+ or -)** (Programmable) - On diesel vehicles connect this wire to the wait to start or glow plug wire. The system will wait for the input to turn off then remote start. A start delay may also be programmed to avoid this connection.

12- PURPLE **Positive Door Input (+)**- Connect this wire to the door pin switch if it changes to 12volts when the door is opened.

13- GREEN **Negative Door Input (-)** - Connect this wire to the door pin switch if it changes to Negative when the door is opened.

4 PIN SHOCK SENSOR CONNECTOR

**1- WHITE****Pre-Warn Trigger (-) Input**

When this wire is grounded by an auxiliary sensor (i.e: Radar Sensor) the system will chirp the SIREN 3 times.

2- BLUE**Full Alarm Trigger (-) Input**

When this wire is grounded by an auxiliary sensor (i.e: Radar Sensor) the alarm will activate for up to 60 sec.

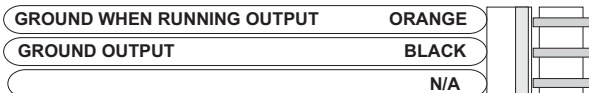
3- BLACK**Sensor Ground Output (-)**

This wire provides a ground output for the auxiliary sensor.

4- RED**Sensor 12volt Output (+)**

This wire provides a 12volt output for the auxiliary sensor.

3 PIN BYPASS CONNECTOR

**1- ORANGE Wire- Ground When Running (-)**

Connect this wire to the your bypass modules negative turn on wire. When the remote starter is activated this wire will switch to ground.

2- BLACK Wire- System Ground (-)

Connect this wire to the ground input on the bypass module.

3- RED Wire-

N/A

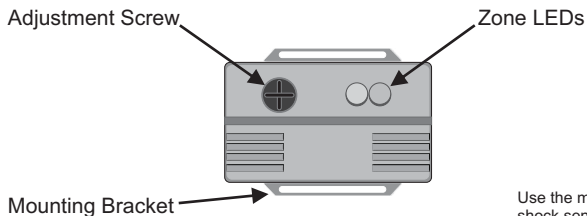
4 PIN DATA BYPASS CONNECTORS

These inputs are used to connect bypass modules and other devices such as GPS tracking using the data to data type connection. For bypass modules there are 2 selection types. The default setting is set for FORTIN™ Bypass Module, the second is for IDATA™ Bypass Modules.

SHOCK SENSOR ADJUSTMENT

The supplied dual stage shock sensor connects directly to the shock sensor connector on the remote starter module. The adjustment screw on the sensor will increase or decrease the sensitivity. The first and second stage are controlled by the same adjustment screw.

Test the alarm sensitivity then adjust as required. If the alarm is triggered 3 times in a row you will need to cycle the ignition on then off to reset the shock sensor before testing again.



Use the mounting bracket's to firmly attach the shock sensor to the under dash area of the vehicle before setting the sensitivity.

NOTES

If the system has been triggered (shock sensor, door input..), the siren will sound for approximately 60 seconds. Press and release the lock or unlock button to silence the siren (the system will remain armed). Press the unlock button to disarm the system. The siren will chirp and the park lights will flash three times to indicate the system had been triggered.

If the shock sensor is triggered 3 times in a row the system will ignore the shock sensor until the ignition is turned cycled on then off.

PROGRAMMING ADDITIONAL TRANSMITTERS

The system can lean up to 4 different remote's. Each remote to be used **MUST** be programmed together during the same sequence. For security, when a new remote is programmed all previous remote's are deleted. Please see remote operation chart for information on using Second Car / Pad Lock Operations.

ENTERING REMOTE PROGRAM MODE



**Cycle the Ignition Key - ON/OFF ON/OFF ON
(Leaving the key ON)**



**Press and HOLD the valet switch, the Park Lights will turn on and the siren will chirp once.
(Repeat from Step 1 if the system does not respond)**



Continue holding the valet switch, after 5 seconds the Park Lights will turn off and the siren will chirp 5 times.

PROGRAMMING REMOTE'S



Press and release the Lock Button on each of the remote's to be programmed. See notes below if the remote is to be programmed for 2nd car or PADLOC.



The system will respond by flashing the park lights and a single chirp from the siren for each remote.



Turn off the key when all the remote's are programmed.

SECOND CAR & PADLOCK

PADLOC is used to prevent accidental activation on the remote. The Trunk Button must be Pressed at the same time as the intended feature button. (See Second Car/ PADLOC operation) Use the same remote programming mode and enter the transmitter's using the Trunk Button instead on the Lock Button.

2nd Car Operation allows a single remote to control two vehicles. Use the same remote programming mode and enter the transmitter as shown below.

In Car One- Press Lock on both car 1 remote's. Press Trunk on both car 2 remote's.

In Car Two- Press Lock on both car 2 remote's. Press Trunk on both car 1 remote's.

DIAGNOSTICS CHART

If the remote starter does not activate when the start button is pressed the park lights will flash a diagnostic to indicate what shutdown input has been triggered. For example: If the start button is pressed the park lights flash 3 times slowly. Looking at the chart below this would indicate that the system is in Service Mode, simply follow the instructions listed in the owners manual on exiting Service Mode and the remote starter will begin to function as normal.

PARK LIGHTS

3 Slow Flashes
4 Slow Flashes
5 Flashes
5 Slow Flashes
6 Flashes
7 Flashes
8 Flashes

STATUS LED

LEDs "ON" Solid
Series of 4 Flashes
Series of 5 Flashes
Series of 5 Flashes
Series of 6 Flashes
Series of 7 Flashes
Series of 8 Flashes

DIAGNOSTIC CODE

System Is In Service Mode
N/A
Hood Open
Ignition On During Start Attempt
Brake Pedal Shutdown
Tach Lock-Out
3 Start Attempts Without Starting

TO ENTER DIAGNOSTIC MEMORY

Step 1- Turn the ignition ON then OFF. Press and release the Program Button.

Step 2- The system will respond with three park light flashes and the Siren will chirp the same number of times as the events in memory.

****Maximum four events, four honks****

NOTE: If the Siren does not chirp, there are no events in memory.

Step 3- Press the Program Button once to view the last shut down code. The Siren will chirp once to confirm code one.

****If the Siren does not chirp, there are no codes in memory.****

Step 4- The LEDs on the antenna will flash a code corresponding to a shut down trigger. Press the Program Button again for the second code.

The Siren will chirp twice to confirm code two three time for code three...

Step 5- To Clear Diagnostic Memory. While in Diagnostic Mode press and hold the Program Button for five seconds. The park lights will flash and the Siren will chirp once.

****Once diagnostic memory has 4 shutdown events in memory, the system will not record any further shutdown events until the system memory has been cleared.****

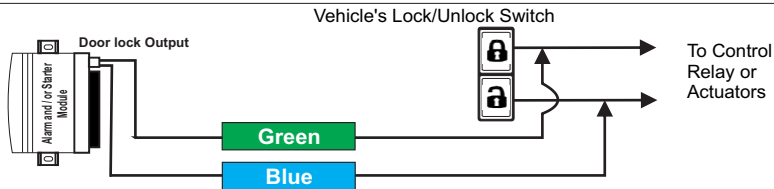
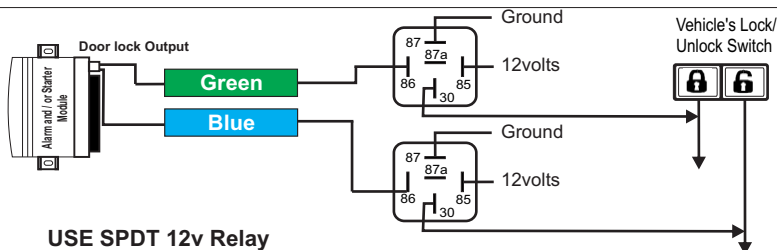
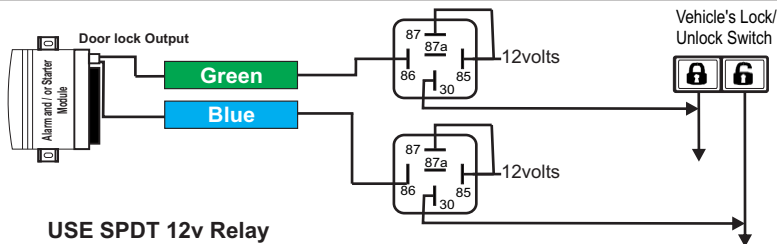
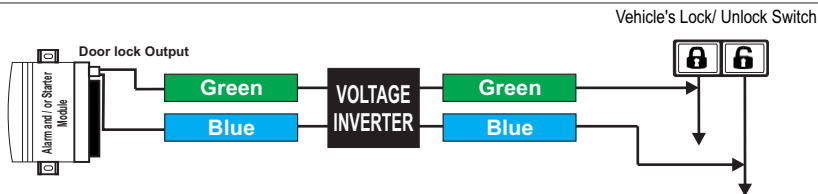
LED Flashes

5 Flashes
6 Flashes
7 Flashes
8 Flashes

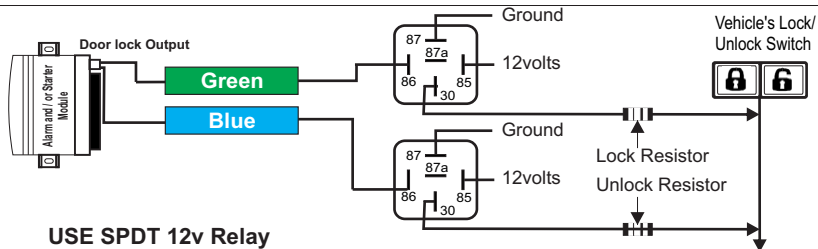
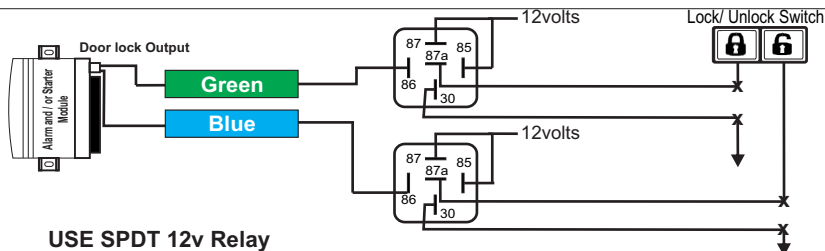
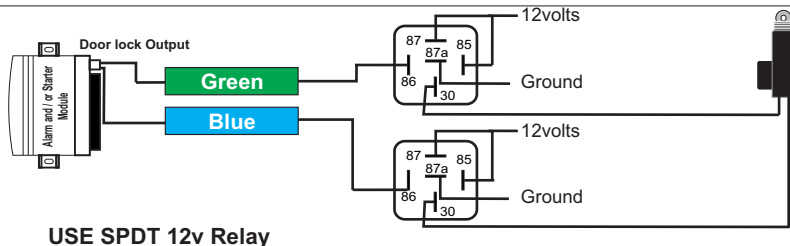
Diagnostic

The system was shutdown by the brake switch input
The system was shutdown by the hood pin input
The system did not detect the Tach signal.
The system made 3 start attempts without starting

DOOR LOCK DIAGRAMS

NEGATIVE DOOR LOCK
(LOW CURRENT)NEGATIVE DOOR LOCK
(LOW CURRENT)POSITIVE DOOR LOCK
(LOW CURRENT)POSITIVE TYPE USING
INVERTER

DOOR LOCK DIAGRAMS

NEGATIVE ONE WIRE
DOOR LOCKSREVERSE POLARITY DOOR
LOCK SYSTEMAFTER-MARKET DOOR
LOCK ACTUATORS

TARANTULA



by SOUNDSTREAM

tech support: tech-support@soundstream.com

website: www.security.soundstream.com