A. CHANGING THE BATTERY

The Two-Way remote transmitter is powered by one **"AAA"** Battery. When the power of the battery weakens A icon shall be displayed on the **LCD** screen. When the old battery is replaced, there will be beep sounds to indicate the power is back up on the transmitter

The One-way remote is powered by one CR2032 Battery. To replace battery use a coin or small flat blade screwdriver to carefully pry apart case.

B. STANDARD LCD ICON CONFIGURATIONS:

	Door Lock The lock icon will be displayed when the door are locked.		**Door Unlock and Disarmed** The unlock icon will be displayed when the door are unlocked and disarmed
ARMED	**System Armed**		**Valet Mode** All the function shall be temporally on hold.
	Hidden Alarm Mode The security system arm with hidden alarm function (silent alarm)		**The system has been triggered**
	Door Trigger (Zone 1) Door is illegally opened		**Door Ajar** you have left a door lid ajar
	Trunk Trigger (Zone 2) Trunk is illegally opened		**Trunk Ajar** you have left a trunk lid ajar
	Hood Trigger (Zone 3) Hood is illegally opened.		**Hood Ajar** you have left a hood lid ajar
	Shock Sensor Trigger (Zone 4) No Icon = Shock Bypass With Icon = With Shock Sensor Icon Flashing = Shock trigger		**Tilt Sensor Trigger** (Zone 5) No Icon = Tilt Bypass With Icon = With Tilt Sensor Icon Flashing = Tilt Sensor trigger
	Ignition Trigger (Zone 6) Ignition switch was illegally turned on.		**Warn Away Trigger** No Icon = Warn-away Bypass With Icon = With Warn-away Icon Flashing = Warn-away trigger
	System Trigger or Panic mode		**Trunk Release**

	Engine Cranking Your vehicle engine cranking by remote control.		**Engine Running** Your vehicle's engine is running
	Timer Control Start Engine starts automatically every 2 hours		**Timer Control Start** Engine starts automatically every 3 hours
	Daily timer Start Start at the predetermined time of the next day		**Manual Transmission Mode (MTS)**
	2nd Car Operation		**Driver Pager** (Icon flash)
	Button Lock		
	Remote Transmission You are transmitting the signal to control unit.		**In-Range Indicator** You are within the range of the remote control.
	Low Battery		**Power Save**
	Tone Mode		**Vibrating Mode**
	Alarm Clock		**Parking Meter** Reminder when time is up for parking

C. REMOTE TRANSMITTER OPERATION:

Button	System Function	Remark
	Arm & Lock Doors	Press the Lock button for a half second
	Silent Arm & Lock Doors	Press and hold for 1.0 seconds
	Panic Function	Press and hold for 3 seconds to Activate or Deactivate panic function
-	Arm and Warn-Away Bypass	Press Twice within 3 seconds.
- -	Arm and Warn-Away & Shock Sensor Bypass	Press 3 times within 3 seconds.
-	Arm and Tilt Sensor Bypass	Press the button first then press button
- 2.0 sec.	Arm and All Sensors Bypass	Press **2** times and hold the second times for 2.0 seconds
-	Arm and Hidden Alarm Function	Press the button first then press button
	Disarm & Unlock Doors	Press the Unlock button for a half second
	Silent Disarm & Unlock Doors	Press and hold for 1.0 seconds
	Passive Arming Bypass	Press and hold for 3 seconds
-	Disarm & Two Steps Door Unlock (optional)	Press twice within 3 seconds
	Trunk Release (Aux 1)	Press and hold for 2 seconds
-	Car Finder	Press Twice within 3 seconds.

*	Activate or Deactivate the Remote Start	Press * button once. Press * - * button if set to start safety mode.
	Runtime Reset	Press and hold for 2 seconds
- *	Timer Start	Press the button first then press * button.
+	Turbo Mode	Press and hold both button for 2 seconds
+	Aux 2 Timer Output	Press together & release.
+ *	Switch Code for 2nd Car Operation	Press and hold both button for 2 seconds
+ *	Shutdown Diagnostic	Press and hold both button for 2 seconds
F	Level / Move the Setting.	Press **F** button once
	Light up he LCD indicator	Press and hold for 1 second
	LCD Remote Program Setting	Press and hold for 3 seconds

D. LCD REMOTE CONTROL:

1. Press the **F** buttons the number of times corresponding to the **Level** you wish to select; the LCD will display LEVEL number (LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4)
2. Press the button while LEVEL number text is still on to perform the command.

Button	**F** x 1 **Level 1**	**F** x 2 **Level 2**	**F** x 3 **Level 3**	**F** x 4 **Level 4**
	Tone / Vibrating Mode	Button Beeper	Button Lock	Car 1 / Car 2 operation
1 sec.	Vehicle's Status Check /Alarm Report	Voltage Check	LCD Backlight 5 sec./ 10 sec. / Off	
	Remote Valet	Power Save Mode		
	Aux 1	Aux 2		
*	Timer Start	Daily Timer Start		

Tone / Vibrating Mode: Press **F** button first then press button to enter Tone / Vibrating Mode, Under this mode press button to select Tone Mode (icon and TONE text will display) or Vibrating Mode (icon and VIBE text will display) or both (& icon and TONE VIBE will display).

Button Beeper: Press **F** button **2** times first then press button to enter Button Beeper Mode, under this mode press button to turn on the button beep BEEP ON or turn off the button beep BEEP OFF .

Button Lock Mode: Press **F** button **3** times first then press button to enter Button Lock Mode, Under this mode press button to select BUTTON LOCK ON or BUTTON LOCK OFF , the remote control will beep/vibrate 2 times and icon and BUTTON LOCK ON will display when a button is pressed indicating it is locked.

Second Vehicle Security Operation: Press **F** button **4** times first then press button to enter Second Vehicle Security Mode, under this mode press button to select CAR 2 operation (icon and CAR 2 text will display) or CAR 1 operation and CAR 1 text will display.

Vehicle's Status Check /Alarm Report: Press **F** button **1** times first then press and hold buttons for 1 second until the beep confirms and then release the button. The LCD remote transceiver will display the current status of the vehicle (Include trigger condition).

Voltage Check: Press **F** button **2** times first then press and hold buttons for 1 second until the beep confirms and then release the button. The LCD remote transceiver will display the current voltage of the vehicle and 12.6V text will display.

LCD Backlight: Press **F** button **3** times first then press and hold button for 1 second until the beep confirms and then release the button. It will enter the LCD Backlight time Mode, under this mode press button to select LCD Backlight time BACKLIGHT 5 SEC / BACKLIGHT 10 SEC or BACKLIGHT OFF .

Power Saver Mode: Press **F** button **2** times first then press buttons to enter Power Saver Mode, Under this mode press button to enable power saver mode and POWER SAVE icon will display or disable power save mode and EXIT POWER SAVE icon will display While in Power Save Mode the LCD transmitter will not look for any incoming signals from the main unit until a button is pressed.

EXIT: Wait 10 seconds, or press the other buttons to leave the setting except the **F** button

E. CHIRP INDICATORS

Chirp	Function
1 Chirp	Arm
2 Chirps	Disarm
3 Chirps	Defective Reminder
4 Chirps	Disarm / Triggered Warning
6 Chirps	Car Finder

PARKING LIGHT

Parking light	Function
1 Flash	Arm
2 Flashes	Disarm
3 Flashes	Disarm / Triggered Warning
12 Flashes	Car Finder
Constant On	Under Remote Start

F. ALARM OPERATING CONDITION

LED On Duty	Siren / Horn	Parking Light	LED	Doors	Starter	Dome Light
Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable	
Disarming	2 or 4 Chirps	2 or 3 Flashes	OFF	Unlocking		Turns on for 30-Seconds
Trigger	Alarming	Flashes	Flash Pause		Disable	Flashes
Hidden Alarm		Flashes	Slow Flash		Disable	Flashes
Passive Arming			Fast Flash			
Panic	Alarming	Flashes				Flashes
Car Finder	6 Chirps	12 Flashes		Locking		

G. TABLE OF ZONE / ALARM DIAGNOTICS

Situation	Situation LED On Duty
Zone 1 (Door Triggered)	1 flash, break, then repeat
Zone 2 (Trunk Triggered)	2 flashes, break, then repeat
Zone 3 (Hood Triggered)	3 flashes, break, then repeat
Zone 4 (Shock Triggered)	4 flashes, break, then repeat
Zone 5 (Tilt Triggered)	5 flashes, break, then repeat
Zone 6 (Ignition Triggered)	6 flashes, break, then repeat

H. ACTIVE ARMING – LOCK & ARM

Press the button on the transmitter. The alarm arms, doors lock (if connected), and the siren chirps and parking lights flash once. The + **ARMED** icons, the ARMED text and beeps play to confirm. If Valet Mode* is ON, the + z Z icons, the VALET text and tone play on the LCD transceiver. Exit Valet Mode to arm the alarm normally.

DEFECTIVE SENSOR REMINDER: If the siren sounds 3 chirps and the defective / / icon, ***** AJAR text will display on the LCD screen, then you have left a door, trunk, or hood lid ajar. (See feature bank 1-06)

SILENT ARMING: Press and hold the buttons for 1.0 second and the SILENT ARM text will display on the LCD screen. This will arm your security system. No chirp sound will be heard and the arm confirmation will be through the vehicles parking lights only.

WARN-AWAY BY-PASS: T Press button twice will arm the security system and by-pass the warn-away and the warn-away icon will **disappear** and WARN AWAY BYPASS text and tone play on the LCD transceiver.

Note: The bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

SHOCK SENSOR BYPASS: Press button **3** times within 3 seconds. It will arm the security system and bypass the warn- away and shock sensor, the warn-away icon and the shock sensor icon will **disappear** and SHOCK SENSOR BYPASS text and tone play on the LCD transceiver.

TILT SENSOR BY-PASS: Press the button first then press button within 3 seconds will arm the security system and bypass the tilt sensor, the tilt sensor icon will **disappear** and TILT SENSOR BYPASS text and tone play on the LCD transceiver.

ALL SENSORS BYPASS: Press button **2** times and hold the second times for 2 seconds until the beep confirms and then release the button. It will arm the security system and bypass all sensors, the icon, icon and icon will all **disappear** and ALL SENSORS BYPASS text and tone play on the LCD transceiver.

HIDDEN ALARM FUNCTION: The security system will arm and with "Hidden Alarm Function", the siren / horn will be mute even if the sensor is triggered in armed mode. Press the button first. Within 3 seconds press the button to will Arm the security system and activate the hidden alarm function and the hidden alarm icon and HIDDEN ALARM text and tone play on the LCD transceiver.

I. PASSIVE ARMING (See feature bank 1-08)

Active arming / disarming is controlled by your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows:

1. Turn the ignition to the **"OFF"** position and exit the vehicle
2. After all entrances are closed, the security system LED will flash fast for 30 seconds and PASSIVE ARMING text and tone play. If you reopen any door / hood / trunk, the security system LED will stop flashing. It will begin flashing again once all vehicle entrances are closed.
3. After the 30-second time has elapsed, the security system will automatically "ARM" and the + **ARMED** icons, the ARMED text and beeps play to confirm. The siren will chirp [1] time and the parking lights will flash [1] time.

PASSIVE ARMING WITH PASSIVE DOOR LOCKING: The vehicle doors will automatically lock after the passive arming cycle has been completed.

PASSIVE ARMING BY-PASS: Under passive arming mode, press and hold the button for 3 seconds until the beep confirms and then release the button. The system will respond with [1] chirp, LED stop flashes and ARMING BY-PASS text and tone play on the LCD transceiver. The security system will remain in this temporary state for as long as you wish.

J. ACTIVE DISARMING – UNLOCK & DISARM

1. Press the button on the transmitter.
2. The alarm disarms, doors unlock (if connected), and the siren chirps and parking lights flash twice. The icon, the DISARM text and beeps play to confirm and the system status icons update. If Valet Mode* is ON, the doors unlock and the + Z Z icons, the VALET text and tone play on the LCD transceiver. Exit Valet Mode to control the system normally.
3. The dome light will turn on for 30 seconds upon disarming. (if connected)

SILENT DISARMING: Press and hold the buttons for 1.0 second and the SILENT DISARM text to confirm. This will disarm your security system. No chirp sound will be heard and the disarm confirmation will be through the vehicles parking lights only,

TAMPER DISARMING: An alarm report replaces the disarm output, if the alarm was triggered. The siren chirps four and the parking lights will flash 3 times and the icon display, the triggered icon and the DISARM text is replaced by the Alarm report ***** TRIGGER on the LCD transceiver

PATHWAY ILLUMINATION: When receiving an unlock /disarm signal, this feature will turn the parking lights **"ON"** for 30 seconds and for 10 seconds upon the lock signal. (See feature bank 2-04)

TWO-STEPS DOOR UNLOCK (Optional): This feature will independently unlock the driver's door only when disarming the security system. (See feature bank 2-07, 11, 12)

- Press button twice will disarm the security system and unlock the other doors.
- Press and hold the button for 1.0 seconds, within 3 seconds press button will Silent Disarm the security system and unlock the other doors.

AUTOMATIC RE-ARM: If this feature is selected, the security system will automatically re-arm itself in 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed. (See feature bank 1-09)

K. TRIGGER THE SYSTEM:

When armed, your vehicle is protected as follows:

Light impact will trigger the warn-away signal. . Heavy impacts / Doors open / Trunk open / Hood open / Turn on the ignition key / lift the vehicle will trigger the programmed sequence and the trigger icon will flash. The icon and trigger zone fault report ***** TRIGGER and tone play. The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights, and dome light will turn on for 30 seconds and, alerting of an intrusion. It will then stop, automatic reset and re-arm. If any one of the sensors or detectors is still active, the alarm system will sound a **maximum of 3 times**. **Each time is a 30 second cycle**.

NOISE ABATEMENT CIRCUIT: Your system has a "Noise Abatement Circuit". It prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental conditions such as thunder, jackhammers airport noise, etc.

Here's how "Noise Abatement Circuit" works: The alarm triggers five times. Each time, it's all shock sensor triggers the alarm; the "Noise Abatement Circuit" will interpret this pattern of triggers as a false alarm. After the fifth trigger, the "Noise Abatement Circuit" ignores, or bypasses the shock sensor until a different sensor or switch is triggered.

"Noise Abatement Circuit" covers doors (Trunk / Hood / Tilt Sensor / Ignition Switch) differently: If the alarm is triggered by an open door for three full cycles, the doors will be bypassed until the trigger ceases.

L. PANIC FUNCTION:

Press and hold the button for 3 seconds until the beep confirms and then release the button to activate the personal protection alarm. The icon, the PANIC text and beep play to confirm. The alarm Arms (or Locks in Valet) and, sounds the siren and flashes the parking lights for 30 seconds. Press the button for 3 seconds to stop the output

M. DISARMING WITHOUT A TRANSMITTER (See feature bank 1-10)

Number of presses ___

1. Turn the ignition on.
2. Press and release the button on the valet switch the correct number of times (the default s **one press**).
3. After a few seconds, the siren output ceases, and the system is disarmed

N. VALET MODE:

When servicing or loaning your vehicle to others, the system should be placed in Valet Mode. Valet Mode prevents the system from remote starting and disables all alarm functions.

Enter Valet Mode:

1. Under disarmed, turn the ignition switch to **ON**
2. Press and hold valet switch for 2 seconds until the LED turns **"ON"** solid and Z Z icon, the VALET text and tone play on the LCD transceiver. The LED will remain on as long as the system is in valet mode.

Exit Valet Mode:

1. Turn the ignition switch to **ON**.
2. Push and hold the valet switch for 2 seconds. The LED will turn off indicating the system is exiting the Valet Mode and the EXIT VALET text and tone play on the LCD transceiver.

Remote Valet

Under disarmed, press **F** button first then press button. The parking lights will flash once, the remote will read "Valet On" and Z Z icon and the VALET text and tone play on the LCD transceiver.

Exit: Repeat this process to exit valet mode. The parking lights will flash twice, remote read "Valet Off" and Z Z icon will disappear and the EXIT VALET text and tone play to. Confirm valet mode is disabled.

O. CAR FINDER:

Press button twice to activate the car finder function. The siren will chirp 6 times. The parking light will flash 12 times, assisting you in easily find your car and the CAR FINDER text and tone play on the LCD transceiver.

P. DRIVER PAGING / LOST & FOUND (For two-way transceiver operation only)

This feature is useful in the event that someone wants to page the driver of a parked vehicle or someone cannot find his LCD remote transceiver. Under the ignition switch "OFF" condition, Press and hold the valet switch for 2 seconds to page the driver. One chirp sound is emitted from the vehicle, and icon flash, PAGER text and a paging melody will continue to sound on the LCD transceiver.

Q. DOME LIGHT CONVENIENCE SUPERVISION

(See feature bank 2-03, 07, 09, 11, 12) The alarm has a unique feature that will turn on your vehicle dome light as follows:

1. Upon disarming, the interior light will remain on for 30 seconds.
2. If the vehicle is intruded, the interior light will flash for the same duration as the siren.

Note: Turning on the ignition switch or arming the alarm will turn off the dome light.

R. IGNITION CONTROL DOOR LOCK/UNLOCK. (See feature bank 2-02)

If the vehicles door locks have been interfaced to the security system, the system will automatically lock the vehicle's doors when the ignition is turned **"ON"** and /or unlock the vehicle's doors when the ignition is turned **"OFF"**.

S. TRUNK RELEASE OUTPUT. (Aux 1 one second pulse).

(See feature bank 2-07, 08)

Press and hold the button on the transmitter for 2 seconds. until the beep confirms and then release the button. The icon the TRUNK text and tones play to confirm. The trunk opens (if connected).

Programmable Output: Trunk (Aux **1** one second pulse) / Aux **1** Latch / Aux **1** Latch Reset with Ignition / Aux **1** Flex /

***(Aux 1** Control by Remote / Control by Arm / Control by Disarm / Control by Arm & Disarm /Control by Remote Start)*

Latch: when the Aux 1 command is received the output will turn ON and remain ON until the command is received again and. the EXIT AUX 1 text and tones play to confirm.

Latch/Reset/Ignition: when the Aux 1 command is received the wire will turn ON and remain ON until the ignition is turned ON command is received again and. the EXIT AUX 1 text and tones play to confirm.

Flex: when the Aux 1 command is received the output will turn ON for the programmed time duration (Default one second.).

Aux 1 Output Control:

Control by Remote: This option allows Aux 1 (output time based on feature 2-08) to be triggered by remote control command. Press **F** button first then press button or press and hold buttons for 2 seconds until the beep confirms and then release the button to activate Aux 1 function and. the AUX 1 text and tones play to confirm.

1. **Control by Arm:** The Aux 1 output will activate for the Arm command. If you send a second lock/arm command it will not trigger Again.
2. **Control by Disarm:** The Aux 1 output will activate for the Disarm command. if the vehicle is already in the unlocked/disarmed state and you send a second unlock/disarm command it will not trigger the output
3. **Control by Arm and Disarm:** Aux 1 output will activate for the Arm & Disarm commands.
4. **Control by Remote Start:** Aux 1 output will activate for any Remote Start activation.

T. AUX 2 OUTPUT (Optional Feature). (See feature bank from 2-09, 10),

Press **F** button **2** times first then press button or press buttons + simultaneously to activate (or if ON, deactivates) Aux 2 function and. the AUX 2 text and tones play to confirm. This output can be programmed for different applications

Programmable Output: Aux **2** Latch / Aux **2** Latch Reset with Ignition / Aux **2** Flex / ***(Aux 2** Control by Remote / Control by Arm / Control by Disarm / Control by Arm & Disarm /Control by Remote Start)*

U. SECOND VEHICLE SECURITY OPERATION.

You can be utilized to control a second vehicle's security system. To program the remote transmitter to a second vehicle, Press and hold the + ✱ buttons 2 seconds until the beep confirms and then release the button to select car 2 or car 1 operation.

4 Button Remote Transmitter:

For Car 2: When the LED start 2 pause flash then release buttons.

For Car 1: When the LED start 1 pause flash then release the buttons.

LCD Remote Transceiver:

For Car 2: When icon and the CAR 2 text show on the LCD display then release the button. Under Car 2 Mode, the icon will flash. For Car 1: When icon is disappeared and the CAR 1 text show on the LCD display then release the buttons

V. POWER ON MEMORY:

This security system is equipped with circuitry that will allow the unit to remember its alarm state if the power is lost and then reconnected.

W. CLEAR THE FLASHING TAMPER WARNING MESSAGE ICONS:

The flashing warning message icons in the LCD display will clear and reset when the transmitter is used to lock the vehicle. Also, Locking then Unlocking the system will clear the flashing icons.

X. STOP THE TRIGGER MELODY SOUND:

While triggering the alarm, the LCD screen will alert the user through a melody sound and a flashing trigger icon. Press any button on the LCD remote transmitter to stop the melody sound only.

Y. ILLUMINATE LCD DISPLAY:

Press and hold the **F** button for 1 second and the LCD indicator will light up.

Z. OUT OF REMOTE RANGE:

If the icon disappears and the OUT OF RANGE text and tones play to indicate the remote failed to receive a command confirmation.

WARNINGS

As with any product that performs automatic functions, there are certain safety precautions that you must practice and be aware of.

2. **Keep the transmitter out of children's reach.**
3. **Do not leave anyone in the vehicle while running on remote control.**
4. **Alert servicing personnel that the vehicle can be started automatically.**
5. **Do not start the vehicle by remote while it's in an enclosed area or garage.**
6. **Always apply the parking brake and lock the vehicle as you exit the vehicle.**
7. **The vehicle windows must be rolled up.**
8. **Should the unit malfunction, disconnect the fuse until the problem is corrected.**
9. **The use and operation of this system is the sole responsibility of the operator.**
10. **Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.**
11. **It is not safe to remote start the vehicle if the vehicle is parked on a steep incline.**

REMOTE START OPERATION

A. TO REMOTE START THE VEHICLE:

When you want to start your vehicle:

1. Press the ✱ button once on the transmitter to activate or deactivate the remote start.
2. The parking light will activate to indicate the remote start has received the signal and the REMOTE START ON text and the icon will scroll to indicate that the engine is starting.
3. After a couple of seconds with the engine running, the parking lights will turn on and the climate controls will activate to adjust the vehicle's interior temperature to your preset setting. While the vehicle is running, the icon, the run time start countdown 29:59 text and tones play to confirm.
4. The vehicle will run for a programmable 3 to 45 minutes cycle before shutting down. (See feature bank 3-04 setting) When the countdown timer is off or press ✱ button, the system will be shut down and the icon will disappear the REMOTE START OFF text and tones play to confirm on the LCD transceiver.
5. The vehicle refused to start running after **3** unsuccessful attempts.
6. If Remote Start fails to start, the parking light will fast flashing 4 times and REMOTE START FAIL PRESS F BUTTON text will display and the beeps play on LCD remote to confirm, within 5 seconds press **F** button and the Cause of failure **** ***** text will display on the LCD transceiver.

B. PROGRAMMABLE SAFETY START (See feature bank 3-08)

By default, your remote starter is programmed to start/stop after pressing the ✱ button one time. This default setting can be re-programmed to require 2 presses

✱-✱. This setting is known as "**Child Safety Mode**".

Contact your installer to reprogram this feature if needed.

C. RUNTIME RESET

If more time is needed while remote start is active, runtime reset will reset the runtime counter to the pre-programmed setting. Follow the steps below to reset the runtime.

1. The remote start must already be active.
2. Press and hold the ✱ button for 2 seconds until the beep confirms and then release the button.
3. The system will chirp 1 time and flash the parking lights 4 times, the countdown 29:59 text and tones play to confirm that the runtime has been reset and will indicate a countdown timer based on the 3, 10, 20, 30 or 45minutes runtime.
4. If the remote start is OFF. Activate runtime reset and the NOT AVAILABLE text and tones play to confirm. The runtime reset available when remote start is ON.

D. ENTERING THE VEHICLE WHILE IT IS RUNNING via REMOTE VEHICLE START

1. Disarm the system and enter the vehicle, do not step on the foot brake.
2. Insert the key into the ignition switch and turn to the ON or RUN. The parking lights turn off to indicate remote start is off.
3. Press the brake pedal. The remote vehicle starter will disengage and the vehicle will operate normally.

E. TEMPORARY STOP MODE:

This mode allows the vehicle to remain running after the key has been removed from the ignition. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time but would like to leave the motor running and the

climate control on.

1. While the vehicle is running, place the transmission in PARK, set the emergency / parking brake.
2. With your foot off the brake pedal, press the ✱ button once, the parking lights will turn on and the run time start countdown 29:59 text and tones play t to confirm the system has entered Temporary Stop Mode.
3. Remove the keys from the ignition and exit the vehicle. Press the button to lock the vehicle's doors if desired.

Note: Do not leave children or animals unattended in the vehicle when using the temporary stop feature.

F. TO TURN OFF THE REMOTE START

When the engine is running (by remote start) and you want to stop it:

1. Press the ✱ button once on the remote transmitter under the remote start mode
2. Move the optional remote start enable toggle switch to the **"OFF"** position. (If installed)
3. Press the brake pedal.
4. Pull down the hand brake. (for Manual Transmission Vehicle and Turbo Timer Mode).

The vehicle will shut down and turn off the parking light and the icon will disappear, the REMOTE START OFF text and tones play to confirm the engine has stopped.

G. DISABLING THE REMOTE START SYSTEN:

This feature allows your system's remote start unit to be temporarily disabled to prevent the vehicle from being remote started accidentally. This feature is useful if the vehicle is being serviced or stored in an enclosed area. To disable the remote start

H. TIMER START OPERATION (See feature 3-05 setting)

This feature is designed to allow the user to have the system automatically remote start at the end of a selected timed cycle. (Runtime interval based on feature 3-05 option setting, and temperature start setting based on feature 4-12 and 4-13) It also is controlled by the thermistor so it will start at a specified temperature at the end of the timed cycle.

Activate Timer start ON / OFF

Press **F** button first then press ✱ button or press button first, within 2 seconds press ✱ button to activate timer start (or if ON, deactivates and the TIMER START OFF text will display). A chirp from siren and the parking light flashes 3 times and the 2 or 3 icon and the 2 HOURS TIMER START text and tone play on the LCD transceiver.

Note: For Timer Start and Daily Timer Start:

1. This will be repeated in 24 hours.
2. Manually starts or remote starts the vehicle will cancel the timer start.
3. Two chirps from siren indicate fail setting FAIL TO SETTING PRESS F BUTTON text will display and within 5 seconds press **F** button and the Cause of failure **** ***** text will display on the LCD transceiver.

IMPORTANT: Timer Start and Daily Timer Start should be used only in open areas, never start and run the vehicle in on enclosed space as a garage or carport.

Contact your installer to reprogram this feature if needed

I. DAILY TIMER START: (See LCD programming 2 setting)

This option will allow the user to set a predetermined time to remote start on the 2-way LCD remote. Sets the time which you would like the start the vehicle first (predetermined time based on LCD programming 2 setting)

Note: it is important that the remote time is as accurate as possible when activating the timer mode to ensure that it will start at the desired time. **Activate Daily timer start on / off:** Press **F** button **2** times first then press ✱ button (or if ON, deactivates and the TIMER START OFF text will display). The parking light flashes 4 times and the icon, the DAILY TIMER START 06:30 AM text and tone play on the LCD transceiver to confirm activates predetermined time start. The vehicle is now programmed to start at the same time of the next day. Repeat the same step to turn off daily timer start mode

J. TURBO TIMER MODE (See feature bank 3-11)

The built-in turbo timer keeps the vehicle's engine running for either 1, 3, or 5 minutes, after the vehicle key has been removed from the ignition. This feature will keep oil running through the turbo system to allow for appropriate cooling time.

To Activate:

Step 1: While the vehicle is running, place the transmission in neutral, set the emergency / parking brake

Step 2: With your foot off the brake pedal, press buttons + simultaneously for 2 seconds until the beep confirms and then release the button and the parking lights will turn on. Remove the key from the vehicle's ignition. The vehicle's engine should remain running even after the key has been removed. If the vehicle does not remain running visit your local authorized dealer for service.

Step 3: Exit the vehicle and close the door. Press the transmitter button, the vehicle's doors will lock/arm and then engine will keep runs for the Turbo Mode runtime and the run time start countdown 2:59 text and tones play to confirm.

Cancelling Turbo Timer Mode:

The system will exit Turbo Timer Mode if any of the following occur:

- You did not activate the parking brake prior to turning off the ignition.
- You pressed the foot brake after the key was removed from the ignition.
- You released the parking brake after the key was removed from the ignition.

- You entered valet mode, opened the vehicle's door, hood, trunk or set off the alarm.
- Press the buttons + simultaneously for 2 seconds to turn off turbo mode.

Note: Turbo Timer must be turned on by an authorized dealer.

K. MANUAL TRANSMISSION START (MTS) (See feature bank 3-06)

In order to remote start a manual transmission vehicle, the system must first be set in MTS. MTS must be set each and every time you want to remote start a manual transmission vehicle. The purpose of MTS is to leave the transmission in neutral before exiting the vehicle.

IMPORANT:

- The vehicle's door pins must be in working order.
- The hood must be closed.
- The transmission must be left in the neutral position.
- The optional start toggle switch must be in ON position (if install).
- The vehicle's windows must be rolled up.
- Do not install this remote start on a manual transmission vehicle that has a convertible or removable top.

Do not set reservation mode or remote start with people in the vehicle

Activating MTS

Step 1: While the vehicle is running, place the transmission in neutral, **set the emergency / parking brake**.

Step 2: With your **foot off the brake pedal**, **press and hold** ✱ button until the LED flash then release the button and the MTS text and tones play to confirm, the parking lights will turn on and remove the key from the vehicle's ignition. The vehicle's engine should remain running even after the key has been removed. If the vehicle does not remain running visit your local authorized dealer for service.

Step 3: Exit the vehicle and **close the door**. Press the transmitter button to lock/arm and then engine will shut down and the icon, the MTS SETTED text and tones play to confirm. If the vehicle's engine does not shut off, your door trigger may be functioning improperly. Do not use the remote start feature and take your vehicle to a local authorized dealer for service.

Note: If MTS mode cannot be set, FAIL TO SETTING PRESS F BUTTON text will display and the beeps play to confirm, within 5 seconds press **F** button and the Cause of failure **** ***** text will display on the LCD transceiver.

Cancelling MTS Mode

MTS mode will be cancelled for the following reasons;

- You did not activate the parking brake prior to turning off the ignition.
- You pressed the foot brake after the key was removed from the ignition.
- You released the parking brake after the key was removed from the ignition.

You entered valet mode, opened the vehicle's door, hood, or set off the alarm

L. SHUTDOWN DIAGNOSTICS

Shutdown diagnostics: If the remote start activates but fails to stay running, the remote start module has the ability to inform you of what may have caused the remote start failure. Before performing shutdown diagnostics it is important that you let the remote start shut OFF on its own i.e., let it attempt to start 3 times then shut down, if this is not done the unit will report the shutdown last used to shut OFF the remote start. Press and hold both buttons + ✱ simultaneously for 2 seconds until the beep confirms and then release the button.

4 Button Remote Transmitter: The parking light and chirps will now report the reason of the system last shutdown by flashing in the following grouped patterns,

LCD Remote Transceiver: The LCD display on the 2-way remote transceiver will report the reason of the last shutdown, and the Cause of failure 1 - 4 text display and a fault tone play to confirm.

GROUP 1 (One Flash of Parking Light)		
Chirps	**Shutdown Mode**	**Solution**
1	Hood Open	• Close the hood. • Check 16-pin Light Green wire connection.
2	Optional Enable Switch OFF or Light Blue wire must have a ground	• Check 16-pin Light Blue wire connection. • Move the Enable Toggle Switch to "ON" position. (If installed.) • Move the gear selector to "Park"/ "NEUTRAL" position
3	Foot Brake on	• Check 16-pin White wire connection • Release Foot Brake.
4	System is in Valet Mode	Exit the Valet mode
5	Hi Voltage (Voltage Checking Type)	Set the "Feature 3-02 to "Low Level"
	Low or No RPM (Tachometer Checking Type)	• Check 16-pin Pink wire connection • Set the "Feature 3-02 to "Hi Level" • Re-learning the RPM
6	The engine has run successfully but is still starting (Tachometer Checking Type)	Set the "Feature 3-02 to "Low Level"

GROUP 2 (Two Flash of Parking Light)		
Chirps	**Shutdown Mode**	**Solution**
1	Alarm triggered	
2	Running Time expired	
3	Transmitter Shutdown (or Optional Star Activation Push Switch.)	
4	Over-Rev Shutdown	
5	Wait-to-start input timed out	(For Diesel Engine Only) See the Feature 3-07

GROUP 3 (Three Flash of Parking Light) for Manual transmission vehicle.		
Chirps	**Shutdown Mode**	**Solution**
1	Manual transmission mode enable and not initialized	Follow the manual transmission setup steps (page 26 of the user manual)
2	Door Open	• Close the Door. • Check 16-pin Dark Green or Violet wire connection.
3	(-) Parking Brake / E-Brake in Shutdown	• Set the Parking Brake / E-brake Brake. • Check 16 pin Yellow/ Black wire connection.
4	No RPM or the vehicle's clutch bypasses fail.	• Check 16 pin Violet/ White wire connection • The vehicle's clutch must be temporarily bypassed • Re-learning the RPM
5	Accelerometer trigger	• Move the gearshift lever to the neutral gear

Note: The Accelerometer monitors sudden movement forward or backward during the remote start process. It will Stop Remote Start once detected forward or backward movement.

M. LCD REMOTE PROGRAM SETTING

2. Press and hold **F** button for 3 seconds until 1 beep is heard then release the button and the **DISPLAY SETTING** text display on the LCD screen.

1. Press the **F** button to select and move to the next setting and the **"Display"** text and tone play on the LCD transceiver.

Exit and Save: Wait for 10 seconds or press and hold the **F** button for 3 seconds until 2 beeps are heard and then release the button to exit and save the setting.

	Feature	Display	button	button	* button	Function / Description
1	Time	PM 10:00	Adjusts Hour	Adjusts Minute		Sets the time on your remote
2	Daily timer start	AM 6:00 flash	Adjusts Hour	Adjusts Minute		Sets the time at which you want your vehicle to start every day.
3	Alarm Clock Time	AM 6:00 flash	Adjusts Hour	Adjusts Minute	On/Off	Sets the time which you would like the remote alarm clock to alert you.
4	Parking Meter Timer	2:00 flash	Adjusts Hour	Adjusts Minute	On/Off	Sets the time which you would like the parking meter timer to alert you.
5	Backlight Color	Color	Adjusts color White (Default)			White, Cyan, Magenta, Blue, Yellow, Green, Red
6	Temperature	**F or C**	F	C		Change the temperature readout from Fahrenheit or Celsius