FM SECURITY/REMOTE START SYSTEM

Standard Features

The system has the following standard features:

- (1) 3-button LCD display remote control
- Status indicator (LED)
- Program/Valet switch
- Remote Start capabilities
- Extended Range Transceiver
- Multi-tone siren (120dB)
- Dual stage shock sensor
- Remote panic
- Valet mode
- Remote chirp mute
- Remote sensor bypass
- Passive or active arming
- Stop & Go Feature
- Auto Cold Start
- Flashing parking lights
- Auto Rearm
- Passive Arming

Optional Features

The system has many optional features that may require additional parts and/or labor. Please contact your dealer for more details.

- Remote keyless entry (Door lock/unlock)
- Illuminated entry
- Hood & trunk protection
- Horn honk
- Trunk/hatch release
- Window roll-up
- Back up battery
- Additional sensors
     glass breakage
     microwave

Note: *Some features may not be appropriate for certain vehicles. <u>Automatic transmission and electronic fuel injection</u> are required on vehicles for use with this system.*
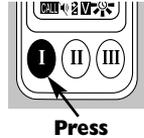
Security System Operation

ARMING OPERATION

To arm the system press transmitter button 1:

- The siren will chirp once.
- The parking lights will flash once.
- The doors will lock*.
- The L.E.D. will turn solid for 2 seconds then start flashing slowly. After 10 seconds the system is armed.

* **If Installed**

PASSIVE ARMING

The passive arming feature allows the system to arm automatically without any user intervention. *This feature must be programmed during installation.*

To arm the system passively:

1. Turn the ignition key off.
   - The LED will start flashing rapidly to indicate that the system is preparing to arm. The system can be armed at any time by pressing transmitter button 1.
2. Close all doors.
   - The siren will chirp 30 seconds after the last door is closed to indicate the system is now armed*.
   - The doors will lock**.

* **As an option, the passive arming chirps can be eliminated during programming.**

** **If Passive Locking is programmed during installation.**

DISARMING OPERATION

To disarm the system press transmitter button 1.

- The siren will chirp twice.*

- The parking lights will flash twice.
- The doors will unlock.
- The optional illuminated entry feature will turn on the dome light for 30 seconds.

* **In the event the alarm was triggered while away, the system will respond with 3 chirps and 3 parking light flashes.**

AUTO REARM FEATURE

The Auto Rearm feature allows the system to automatically re-arm itself in the event the system is disarmed and a door is not opened within 30 seconds. *This feature must be programmed during installation.*

NOTE: *This feature will not work on vehicles with the illuminated entry feature enabled.*

CHIRP DELETE

For full time silent operation, the ARM/DISARM chirps can be permanently disabled. *This feature must be programmed during installation.*

IGNITION LOCK

The ignition locking feature allows the doors to automatically lock when the ignition key is turned on, and automatically unlock when the ignition key is turned off. *This feature must be programmed during installation.*

VALET MODE

When the system is placed into the Valet Mode, both the remote starting feature and the security system will be disabled. However, the keyless entry and trunk release features will still function.

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To enter the Valet Mode:
1. Be sure the system is disarmed.
2. Turn the ignition key on.
3. Press and hold the valet/service mode switch for 3 seconds.
   • The LED will turn on solid indicating the system is in Valet Mode.

To exit Valet Mode:
1. Turn the ignition key on.
2. Press and hold the valet/service mode switch for 3 seconds.
   • The LED will turn off.
   • The Siren will chirp 2 times.

EMERGENCY OVERRIDE
If the transmitter becomes lost or fails to operate, the system can be disarmed by using the emergency override feature.

To override the system:
1. Enter the vehicle.
   • Because the system is armed, the siren will sound.
2. Turn on the ignition key.
3. Press the Valet/Service Mode switch.
   • The siren will stop sounding.

REMOTE PANIC
In the event of an emergency (PANIC) situation, the system's siren can be triggered to attract attention. To activate the Panic Feature, press transmitter button 1 for 3 seconds:
   • The siren will sound .
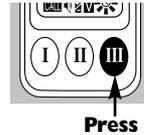   • The parking lights will flash.

The Panic mode will run for 45 seconds, or until transmitter button 1 is pressed again. The Panic Feature will not operate when the ignition is on. Also, if the vehicle is Remote Started, activating the Panic Feature will shut down the Remote Start.

TRUNK RELEASE
Press button 3 for approximately 2 seconds to open the trunk.

Press

TRUNK DISARM FEATURE
The trunk disarm feature allows the alarm to disarm automatically whenever transmitter button 3 is used to activate the trunk release. This eliminates having to first disarm the alarm before activating the trunk release. *This feature must be programmed during installation.*

CAR LOCATOR FEATURE
The Car Locator feature allows the parking lights to stay on for 30 seconds instead of flashing when the alarm is disarmed. *This feature must be programmed during installation and is not recommended for vehicles with additional aftermarket or auxiliary lighting.*
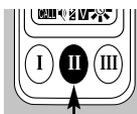
Remote Start Operation

Important: *The system should be placed into the valet mode when parked inside a garage or being left for service. Only start the vehicle in a well ventilated area. Do not use in a closed garage or indoors. Be sure to familiarize yourself with all features prior to using this product.*

REMOTE STARTING THE VEHICLE
To remote start the vehicle:
Press button 2 on the transmitter.

- The siren chirps 3 times.
- The parking lights turn on.
- Approximately 2 seconds later the system will attempt to start the vehicle.

Press

- Once the car has started, the heater or air conditioner will turn on and run for the preprogrammed time (15 or 25 minutes). If the engine fails to start on the first attempt, it will repeat the starting procedure 2 more times. If the vehicle fails to start after a total of 3 times the siren will chirp 4 times.

Driving vehicle after Remote Starting:
Unlock the door by pressing button 1 on the remote transmitter. Enter vehicle, turn ignition key to the on position (**Note**: *Do not turn the key all the way to the start position as you may damage the starter*).

Once the ignition key is turned to the on position, press the brake pedal and shift the car into the proper gear and you may now drive the vehicle (**Note**: *If brake pedal is pressed prior to turning on ignition, engine will turn off*).

REMOTE ENGINE SHUTDOWN
If the vehicle has been remotely started and you desire to turn the vehicle off, simply press button 2 on the remote transmitter. After the motor has turned off the doors will relock (optional).

AUTO COLD START
Cold start feature allows the remote starter to start and run the vehicle every one or two hours (selectable by your installer) for a period of 24 hours. This allows the engine to remain at an operational temperature in extremely cold weather. *Auto Cold Start must be enabled during installation or it cannot be engaged.*

Engaging the Auto Cold Start feature:
To turn Auto Cold Start on:
While holding the brake pedal down, push the program switch and transmitter button 2 for two seconds.
- The parking lights will flash three times.
- The siren will chirp three times.
- The engine will start and run for thirty seconds to indicate the Cold Start feature is engaged.

Disengaging the Auto Cold Start feature:
The Auto Cold Start feature can be deactivated in one of three ways:
- Press the brake pedal.
- Turn on the ignition.
- Remote start the vehicle using the transmitter.

STOP AND GO

The Stop and Go feature allows the vehicle to remain running without use of the ignition key during short stops.

To activate the Stop and Go feature:

1. Press and hold the brake pedal.
2. While pressing the brake pedal, push transmitter button 1.
   • The LED will flash rapidly.
   • The parking lights will flash four times.
3. Release the brake pedal.
4. Remove the key from the ignition switch.
5. Exit the vehicle and lock the doors manually or using transmitter button 1*.

To resume driver control:

1. Unlock the doors manually or by pressing transmitter button 1.*
2. Turn on the ignition.
3. Press the brake pedal.
   • The vehicle resumes driver control.
   • The LED will turn off.

*If optional keyless entry feature is installed.

SAFETY FEATURES

The system will not start the vehicle if the brake pedal is pressed or the hood is open. Also, if the brake is pressed or the hood is opened while remote running, the remote start will shut down.

REPLACING LOST OR STOLEN REMOTE TRANSMITTERS

The system can "learn" a maximum of 2 LCD transmitters. To add a transmitter or replace lost/stolen transmitters, please consult with an authorized dealer.

SYSTEM REFERENCE INDICATORS

PARKING LIGHTS FUNCTIONS

On Solid = Vehicle Remote Starting

Flash 1x = Doors Locked

Flash 2x = Doors Unlocked

Flash 3x = Open Zone Indication (after arming)

Flash 4x = Remote Starting Failed

Flash 5x = Auto Cold Start Engaged

STATUS INDICATOR (LED) FUNCTIONS

On Solid = Valet Mode

Slow Flash = System Armed

Rapid Flash = Passive Arming

Flash 2x = Remote Start

Flash 3x = Stop and Go Mode

Flash 4x = Cold Start Mode

TRANSMITTER OPERATION

Button	Operation
I	ARM/DISARM/PANIC Button – To **arm** or **disarm** the system, press button 1. To activate the **panic** feature, press
II	START Button – To **start** the vehicle, press and hold button 2 for two seconds. To **shut down** the vehicle, press button 2 and hold for two seconds.
III	TRUNK Button – To activate the **trunk** output, press button 3.
II + III	STATUS CHECK – To check current **status** of the system press buttons 2 and 3 together. The current status of the system

Arm Start Trunk

Transmitter Confirmation Indications

Arm -
The display will flash the ARM icon and the animated icon to confirm arming.

Disarm -
The display will flash the DISARM icon and the animated icon to confirm disarming. If the alarm was triggered while away the ◀) icon will be displayed.

Trunk -
The display will flash the icon opening to confirm trunk operation.

Warn Away -
If the warning stage of the shock sensor is triggered, the CALL icon and the icon will alternately flash.
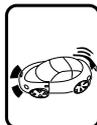
Shock/Page -
The display will show the icon and flash the animated icon to indicate shock sensor triggering (when the system is armed) or a passenger paging from the vehicle (when the system is disarmed).
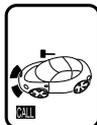
Start -
The display will show the icon and the O icon to indicate the ignition is turned on and the engine is going to crank. When the engine starts and continues to run, the icon will be displayed, the exhaust icon will flash and the icon will rotate.

Door -
If a door is opened while the system is armed, the icon will be displayed, the doorframe will animate, and the ◀) icon will be displayed.

Note: Some icons that appear on the transmitter are reserved for future use and have no functions at this time.