

REMOTE START / KEYLESS ENTRY SYSTEM

OWNER'S MANUAL

Standard Features

The System has the following standard features:

- 5-button remote transmitter
- Status indicator (LED)
- Valet mode switch
- Remote Start capabilities
- Extended Range Receiver
- Remote panic
- Valet mode
- Stop & Go Feature
- Auto Cold Start
- Flashing parking lights

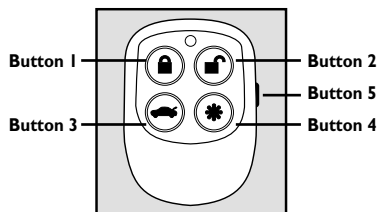
Optional Features

This 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
- LCD FM 2-way Remote (BWN500P)
- Horn honk
- Trunk/hatch release
- Window roll-up
- Back up battery
- Additional sensors: glass breakage/microwave
- Starter defeat
- Siren or Piezo (audible status)

Note: Some features may not be appropriate for certain vehicles. Automatic transmission and electronic fuel injection are required. on vehicles for use with this system.

REMOTE TRANSMITTER FUNCTIONS



**5-Button
Transmitter**

Button 1 Locks the doors and engages optional starter kill*. Button 1 also activates the Panic feature.

Button 2 Unlocks the doors*.

Button 3 Activates the optional Trunk Release feature*.

Button 4 Activates the Remote Start Feature.

Button 5 Auxiliary Shift Key.

Buttons 5 then 3 Activates the 2nd auxiliary function.

* Optional Feature

Keyless Entry Operation

TO LOCK DOORS*

Press transmitter button 1:

- The parking lights will flash once.
- The doors will lock*.
- The L.E.D. will flash slowly.

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 may be disabled during installation.*

REMOTE PANIC

In the event of an emergency (PANIC) situation, the system can be triggered for 45 seconds to attract attention. To activate the Panic Feature, press transmitter button 1 for 3 seconds:

- The horn will honk*.
- The parking lights will flash.

Press button 1 to exit panic mode and lock the doors. Press button 2 to exit panic mode and unlock the doors. The Panic Feature will operate when the ignition is on.

VALET MODE

When the system is placed into the Valet Mode the optional keyless entry and trunk release will still function.

NOTE: *Remote Start feature maybe disabled during valet mode if programmed during installation.*

To enter the Valet Mode:

1. Be sure the system is off.
2. Turn the ignition key on.
3. Press and hold the valet/service mode switch for 5 seconds.
 - The Lights will flash once.
 - 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 5 seconds.
 - The LED will turn off.
 - The Lights will flash 2 times.

OPTIONAL TRUNK RELEASE

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

Remote Start Operation

Important: *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 transmitter button 4 for 3 seconds.

- The parking lights will flash twice.
- Approximately 2 seconds later the system will attempt to start the vehicle.
- Once the car has started, the parking

* Optional Feature

lights will turn on, the heater or air conditioner will turn on (if pre-selected) and run for the pre-programmed time (12 or 24 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 system will shut down.

Driving vehicle after Remote Starting:

Unlock the door by pressing button 2* 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 and hold button 4 on the remote transmitter for three seconds. After the motor has turned off the doors will relock*. *This feature must be programmed during installation.*

AUTO COLD START

This feature allows the system 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.

Engaging the Auto Cold Start feature:

To turn Auto Cold Start on:

1. Press and hold the brake pedal.
2. While holding the brake pedal down, push the Valet switch and transmitter button 2 for two seconds.
 - The parking lights will flash four times to indicate the Cold Start feature is engaged.
3. Release the brake pedal.

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. With engine running push transmitter button 4 (on FM 2-way press button 2).
 - The parking lights will turn on.
2. Remove the key from the ignition.
3. 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 2*.
2. Turn on the ignition.
 - The vehicle resumes driver control.

* Optional Feature

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

This System can “learn” a maximum of 4 remote transmitters. To add a transmitter or replace lost/stolen transmitters, please consult with an authorized Black Widow Dealer.

REMOTE START WITH FACTORY (OEM) KEYLESS/SECURITY SYSTEM

To remote start the vehicle:

Press transmitter lock button 3 times.

- The parking lights turn on.
- Approximately 2 seconds later the system will attempt to start the vehicle.
- Once the vehicle has started, the heater or air conditioner (if pre-selected) will turn on and run for the pre-programmed time (12 or 24 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 system will shut down.

REMOTE ENGINE SHUTDOWN

If the vehicle has been remotely started and you desire to turn the vehicle off, simply press the lock button 3 times.

NOTE: *Auto Cold Start Feature will not operate on Factory Keyless/Security System.*

* **Optional Feature**