

Re: Certification for Bosch BSM Receiver
P/Ns: 6002JE0019, 6002JE0016, 6002JE0015
FCC ID: PFJSIP1V6
CANADA: to be provided by IC

USER'S MANUAL INFORMATION

(PRELIMINARY)

The Vehicle User's Manual is in preparation. The following material will be contained in the manual:

FCC ID: PFJSIP1V6

CANADA: to be provided by IC

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two 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.

WARNING: Changes or modifications not expressively approved by the party responsible for compliance could void the user's authority to operate the equipment.

Controls and features

must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The remote entry system allows you to lock or unlock all vehicle doors and liftgate without a key.

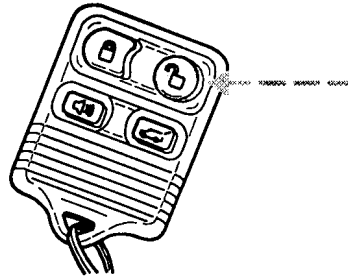
The remote entry features only operate with the vehicle in P (Park) or N (Neutral) and the ignition in the LOCK position.

If there is any potential remote keyless entry problem with your vehicle, ensure **ALL key fobs** (remote entry transmitters) are brought to the dealership, to aid in troubleshooting.

Unlocking the doors/liftgate

Press this control to unlock the driver's door. The interior lamps will illuminate with the ignition OFF.

Press the control a second time within three seconds to unlock all doors and liftgate.



Locking the doors/liftgate

Press this control to lock all doors and liftgate. The doors and liftgate will lock and the lamps will flash.

To confirm all doors are closed and locked, press the control a second time within three seconds. The doors will lock again and the horn will chirp.

If any of the doors or liftgate are ajar, the horn will make two quick chirps, reminding you to properly close all doors.



Controls and features

Opening the liftgate window

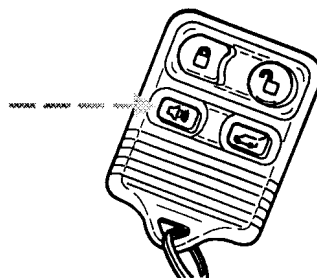
Press the control to open the liftgate window.



Sounding a panic alarm

Press this control to activate the alarm.

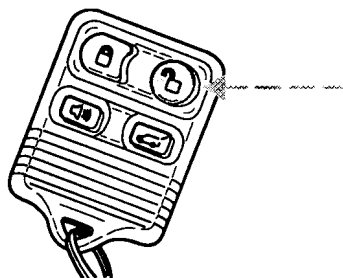
To deactivate the alarm, press the control again or turn the ignition to ACC or ON.



Memory seat feature (if equipped)

The remote entry system can also control the memory seat feature.

Press the control once to unlock the driver's door and move the memory seat feature to the corresponding memory position, just as if you had pressed the memory control in the vehicle.



Controls and features

Activating the memory seat feature

To activate this feature:

1. Position the seat to the position you desire.
2. Press the SET control on the driver's door panel.
3. Within 5 five seconds, press one control on the remote transmitter and then press the 1 or 2 button on the driver's door panel to which you would like to associate with the seat and Driver 1 or Driver 2 positions.
4. Repeat this procedure for another remote transmitter if desired.

Deactivating the memory seat feature

To deactivate this feature:

1. Press the SET control on the driver's door panel.
2. Within 5 five seconds, press one control on the remote transmitter which you would like to deactivate and then press the SET control on the driver's door panel.
3. Repeat this procedure for another remote transmitter if desired.

Replacing the battery

The remote transmitter is powered by one coin type three-volt lithium battery CR2032 or equivalent. Typical operating range will allow you to be up to 10 meters (33 feet) away from your vehicle. A decrease in operating range can be caused by:

- weather conditions
- nearby radio towers
- structures around the vehicle
- other vehicles parked next to the vehicle

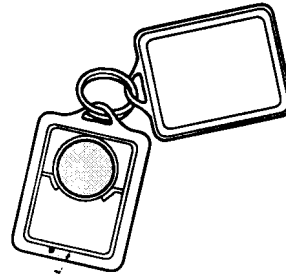
Controls and features

To replace the battery:

1. Twist a thin coin between the two halves of the transmitter near the key ring. **DO NOT TAKE THE FRONT PART OF THE TRANSMITTER APART.**

2. Place the positive (+) side of new battery in the same orientation. Refer to the diagram inside the transmitter unit.

3. Snap the two halves back together.

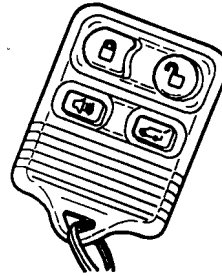


Replacement of the battery will **not** cause the remote transmitter to become deprogrammed from your vehicle. The remote transmitter should operate normally after battery replacement.

Replacing lost transmitters

If a remote transmitter has been lost and you would like to remove it from the vehicle's memory, or you would like to purchase additional remote transmitters and have them programmed to your vehicle:

- Take **all** your vehicle's transmitters to your dealer for programming, or
- Perform the programming procedure yourself



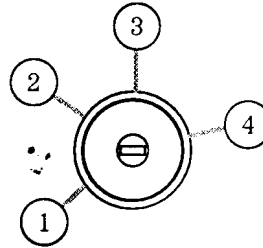
Controls and features

Programming remote transmitters

It is necessary to have **all** (maximum of four — original and/or new) of your remote transmitters available prior to beginning this procedure.

To program the transmitters yourself:

- Insert a key in the ignition and turn from 1 (LOCK) to 2 (ACC) and cycle between 2 (ACC) and 3 (ON) eight times in rapid succession (within 10 seconds) with the eighth turn ending in the 3 (ON) position. The doors will lock/unlock to confirm that programming mode has been entered.
- Within 20 seconds, program a remote transmitter by pressing any button on a transmitter. The doors will lock/unlock to confirm that the remote transmitter has been programmed. (If more than 20 seconds pass before pressing a remote transmitter button, the programming mode will exit and the procedure will have to be repeated.)
- Repeat the previous step to program additional remote transmitters. The doors will lock/unlock to confirm that each remote transmitter has been programmed.
- When you have completed programming the remote transmitters, turn the ignition to 2 (ACC) or wait 20 seconds. Again the doors will lock/unlock to confirm programming has been completed.



Illuminated entry

The interior lamps illuminate when the remote entry system is used to unlock the door(s).

The system automatically turns off after 25 seconds or when the ignition is turned to the ON or ACC position. The dome lamp control (if equipped) must **not** be set to the OFF position for the illuminated entry system to operate.

The inside lights will not turn off if:

- they have been turned on with the dimmer control or
- any door is open.

The battery saver will shut off the interior lamps 10 minutes after the ignition has been turned to the OFF position.

Controls and features

KEYLESS ENTRY SYSTEM (IF EQUIPPED)

With the keyless entry keypad, you can:

- lock or unlock the vehicle doors and liftgate without using the key
- open the liftgate
- arm and disarm the perimeter alarm system (if equipped)

See also *Remote entry system* and *Perimeter alarm system* in this chapter for more information.

Your vehicle has a factory-set 5-digit code that operates the keyless entry system. You can also program your own 5-digit personal entry code.

The factory-set code is located:

- on the owner's wallet card in the glove compartment
- taped to the computer module
- or at your dealer

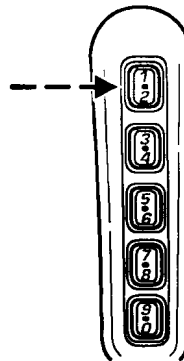
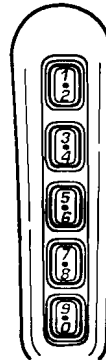
When pressing the controls on the keyless entry keypad, press the middle of the controls to ensure a good activation.

Programming your own personal entry code

1. Enter the factory-set code (keypad will illuminate when pressed).
2. Press the 1/2 control within five seconds of step 1.
3. Enter your personal 5 digit code. Enter each digit within five seconds of the previous one.

Do not set a code that includes three of the same number or presents them in sequential order. Thieves can easily figure out these types of codes.

Your personal code does not replace the permanent code that the dealership gave you. You can use



Controls and features

either code to unlock your vehicle. If a second personal code is entered, the module will erase the first personal code in favor of the new code.

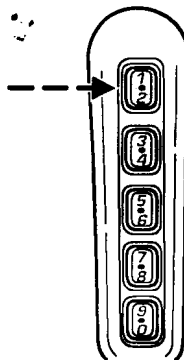
To exit, press 7/8 and 9/0 simultaneously or allow more than 5 seconds to elapse since a button press occurred and the 5 digit keycode will be programmed.

If you wish to erase your personal code, use the following instructions:

Erasing personal code

1. Enter the factory-set code.
2. Press 1/2 within five seconds of step 1 and release.
3. Press the 1/2 control and hold for 2 seconds to erase the customer programmed keycode, within five seconds of step 2.

The system will now only respond to the factory-set code.



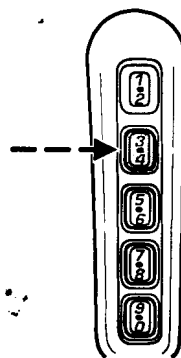
Unlocking the doors and releasing the liftgate with the keyless entry system

The driver's door must be unlocked before any other. If more than five seconds pass between pressing numbers, enter the code again. The system has shut down if the keypad light is out. If the keyless entry system does not work, use the key or remote entry transmitter(s).

1. To unlock the driver's door, enter one of the two codes. After pressing the fifth number, the driver's door unlocks.

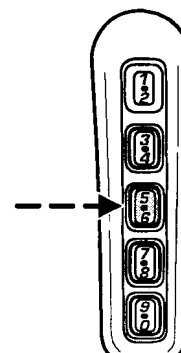
Controls and features

2. To unlock the passenger's door(s), press the 3/4 control within five seconds of unlocking the driver's door.

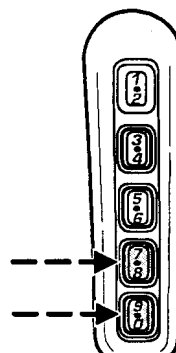


3. To unlock the liftgate, enter the five-digit factory-set code, then press the 5/6 control within five seconds.

After the factory-set code or personal code has been entered, you can unlock all doors (press 3/4) and release the liftgate window (press 5/6) as long as the controls are pressed within five seconds of each other.



Locking the doors and liftgate, press the 7/8 and 9/0 controls at the same time. This can be done only when the driver's door is closed.



Controls and features

Autolock

The autolock feature will lock all of the vehicle doors when:

- all doors are closed
- the engine is running and
- you shift into any gear putting the vehicle in motion

The autolock feature repeats when:

- any door, except the drivers door, is opened then closed while the engine is running and
- you put the vehicle in motion

Deactivating/activating autolock

There are 2 methods to enable/disable this feature. One through your dealer and the second with a door lock sequence using the following instructions:

1. Turn the ignition key to RUN, then press the door UNLOCK control button 3 times.
2. Turn the ignition key to OFF, then press the door UNLOCK control button 3 times.
3. Turn the ignition key to RUN, within five seconds press the door UNLOCK control button 1 time.

The user should receive a **horn chirp** to indicate the system has been altered.

Pressing the power door UNLOCK control button again will toggle the Autolock/Relock states.

- Turn ignition to OFF to exit.

Deactivating/activating horn chirp

There are 2 methods to enable/disable this feature. One through your dealer and the second with a door lock sequence using the following instructions:

1. Turn the ignition key to RUN, then press the door UNLOCK control button 3 times.
2. Turn the ignition key to OFF, then press the door UNLOCK control button 3 times.
3. Turn the ignition key to RUN, within five seconds press the door UNLOCK control button 2 times.

Controls and features

The user should receive two **horn chirps** to indicate the system had been altered.

Pressing the power door UNLOCK control button two times again will toggle the Autolock/Relock states.

- Turn ignition to OFF to exit.

PERIMETER ALARM SYSTEM (IF EQUIPPED)

The perimeter anti-theft system will help prevent your vehicle from unauthorized entry.

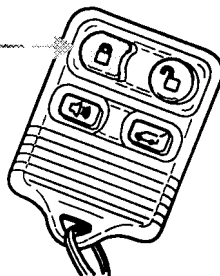
If there is any potential perimeter anti-theft problem with your vehicle, ensure **ALL key fobs** (remote entry transmitters) are brought to the dealership, to aid in troubleshooting.

Arming the system

When armed, this system will help protect your vehicle from unauthorized entry. When unauthorized entry occurs, the system will flash the headlamps and/or parking lamps, and will chirp the horn.

The system is ready to arm whenever the key is removed from the ignition. Any of the following actions will prearm the alarm system:

- Press the remote entry lock control (doors opened or closed).



Controls and features

- Press 7/8 and 9/0 controls on the keyless entry pad at the same time to lock the doors (when the driver's door is closed).
- Open a door and press the power door lock control to lock the doors.

There is a 20 second countdown when any of the above actions occur before the vehicle becomes ARMED.

Each door/hood or liftgate arm individually, and if any door/hood or liftgate is open, then it must be closed for it to be armed.

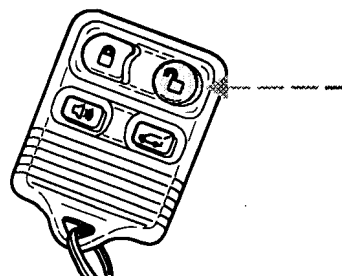
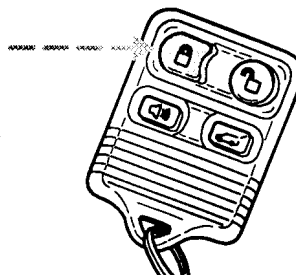
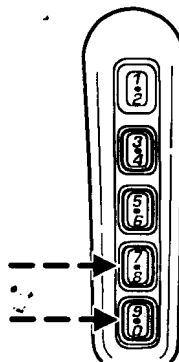
When you press the lock control twice within three seconds on your remote entry transmitter, the horn will chirp once to let you know that all doors/hood and liftgate are closed.

If the doors/hood or liftgate are not closed and you press the remote entry transmitter twice to confirm the doors are locked, the horn will chirp twice to warn you that a door/hood or liftgate is still open.

Disarming the system

You can disarm the system by any of the following actions:

- Unlock the doors by using your remote entry transmitter.

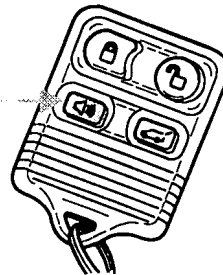


Controls and features

- Unlock the doors by using your keyless entry pad.



- Unlock the doors or liftgate with a key. Turn the key full travel (toward the front of the vehicle) to make sure the alarm disarms.
- Turn ignition to ON.
- Press the PANIC control on the remote entry transmitter. This will only shut the horn OFF when the alarm is sounding. The alarm system will still be armed.



Triggering the anti-theft system

The armed system will be triggered if:

- Any door, liftgate or hood is opened without using the door key or the remote entry transmitter.

SECURILOCK™ PASSIVE ANTI-THEFT SYSTEM

SecuriLock™ passive anti-theft system is an engine immobilization system. This system prevents the engine from being started unless a **coded key** is used.

The SecuriLock™ passive anti-theft system is not compatible with non-Ford aftermarket remote start systems. Use of these systems may result in vehicle starting problems and a loss of security protection.