

## 2-2 Keys, Doors, and Windows

### Keys and Locks

#### Keys

##### WARNING

Leaving children in a vehicle with the ignition key is dangerous for many reasons. Children or others could be badly injured or even killed. They could operate the power windows or other controls or even make the vehicle move. The windows will function with the keys in the ignition and children could be seriously injured or killed if caught in the path of a closing window. Do not leave the keys in a vehicle with children.

##### WARNING

Leaving children in a vehicle with the Remote Keyless Entry (RKE) transmitter is dangerous for many reasons; children or others could be badly injured or even killed. They could operate the power windows or other controls or even make the vehicle move. The windows will function with the RKE transmitter in the vehicle and they could be seriously injured or killed if caught in the path of a closing window. Do not leave the RKE transmitter in a vehicle with children.



The key that is part of the Remote Keyless Entry (RKE) transmitter can be used for the ignition and all locks if the vehicle is a key access vehicle. If the vehicle has the keyless ignition, the key can be used for the locks.



Press the button on the RKE transmitter to extend the key. Press the button and the key blade to retract the key.

If the vehicle has an ignition and it becomes difficult to turn the key, inspect the key blade for debris. Periodically clean with a brush or pick.

See your dealer if a new key is needed.

If locked out of the vehicle, see *Roadside Assistance Program* on page 13-5.

With an active OnStar subscription, an OnStar Advisor may remotely unlock the vehicle. See *OnStar®* on page 1-22.

### Remote Keyless Entry (RKE) System

See *Radio Frequency Statement* on page 13-15 for information regarding Part 15 of the Federal Communications Commission (FCC) rules and Industry Canada Standards RSS-GEN/210/220/310.

If there is a decrease in the RKE operating range:

- Check the distance. The transmitter may be too far from the vehicle.
- Check the location. Other vehicles or objects may be blocking the signal.
- Check the transmitter's battery. See "Battery Replacement" later in this section.

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- If the transmitter is still not working correctly, see your dealer or a qualified technician for service.

### Remote Keyless Entry (RKE) System Operation

The transmitter functions will work up to 20 m (65 ft) away from the vehicle. On vehicles with remote start the distance will be greater.

Keep in mind that other conditions, such as those previously stated, can impact the performance of the transmitter.



**🔒 (Lock):** Press to lock all doors.

The turn signal indicators may flash and/or the horn may sound to indicate locking. See “Locking Feedback” under *Vehicle Personalization* on page 5-33.

If the driver door is open when **🔒** is pressed, all doors lock except the driver door, if enabled through the vehicle personalization.

If the passenger door is open when **🔒** is pressed, all doors lock.

Pressing **🔒** may also arm the theft-deterrent system. See *Vehicle Alarm System* on page 2-14.

**🔓 (Unlock):** Press to unlock the driver door or all doors. See “Door Unlock Options” under *Vehicle Personalization* on page 5-33.

The turn signal indicators may flash and/or the horn may sound to indicate unlocking. See “Unlock Feedback” under *Vehicle Personalization* on page 5-33.

Pressing **🔓** will disarm the theft-deterrent system. See *Vehicle Alarm System* on page 2-14.

**🚗 (Remote Trunk Release):** Press and hold briefly to open the trunk.

## 🔔 (Vehicle Locator/Panic

**Alarm):** Press and hold briefly to locate the vehicle. The exterior lamps flash and the horn chirps.

Press and hold 🔔 for at least two seconds to sound the panic alarm. The horn sounds and the turn signals flash for 30 seconds, or until 🔔 is pressed again or the vehicle is started.

## 🔑 (Remote Vehicle Start):

For vehicles with this feature, press 🔒 and then press and hold 🔑 within five seconds to start the engine from outside the vehicle using the RKE transmitter. See *Remote Vehicle Start* on page 2-9 for additional information.

The buttons on the keys are disabled when there is a key in the ignition, if equipped.

## Keyless Access Operation

Some vehicles have a keyless access system that lets you lock and unlock the doors and access the trunk without removing the RKE transmitter from your pocket, purse, briefcase, etc. The RKE transmitter should be within 1 m (3 ft) of the door or trunk being opened. If the vehicle has this feature, there will be a body colored touch pad on the outside front door handles.

## Keyless Unlocking

With the RKE transmitter within 1 m (3 ft), approach the front door and pull the handle to unlock and open the door. If the transmitter is recognized, the door will unlock and open.

Entering any door other than the driver door will always cause all of the doors to unlock. This is not customizable.

To customize which doors unlock when the driver door is opened, see “Door Unlock Options” under *Vehicle Personalization* on page 5-33.

## Keyless Locking

If the vehicle has the keyless access system, this feature allows you to select whether the doors automatically lock during normal vehicle exit. When the vehicle is turned off and all doors become closed, the vehicle will determine how many keyless access transmitters remain in the vehicles interior. If at least one keyless access transmitter has been removed from the interior of the vehicle, the doors will lock after eight seconds.

3. With the vehicle in P (Park) or N (Neutral), press the brake pedal and the ignition button. See *Starting the Engine* on page 9-20 for additional information about the vehicle's keyless ignition with pushbutton start.

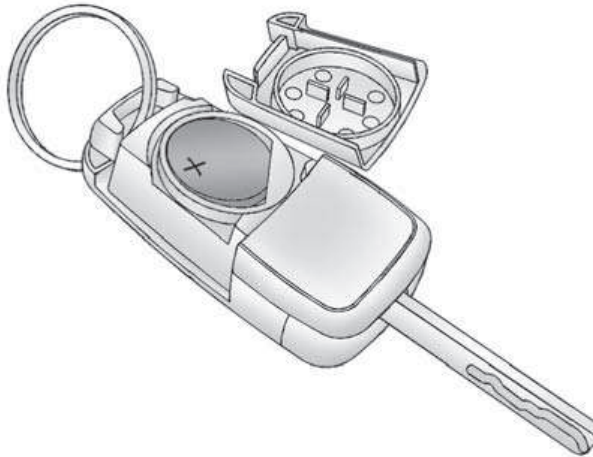
Replace the transmitter battery as soon as possible.

### Battery Replacement

Replace the battery if the REPLACE BATTERY IN REMOTE KEY message displays in the DIC. See "Replace Battery in Remote Key" under *Key and Lock Messages* on page 5-30.

The battery is not rechargeable. To replace the battery:

1. Push the button on the transmitter to extend the key blade.



2. Remove the battery cover by prying it with a finger.
3. Remove the battery by pushing on the battery and sliding it toward the key blade.
4. Insert the new battery, positive side facing up. Push the battery down until it is held in place. Replace with a CR2032 or equivalent battery.
5. Snap the battery cover back on to the transmitter.

### Remote Vehicle Start

The vehicle may have this feature that allows you to start the engine from outside the vehicle.

#### (Remote Vehicle Start):

This button will be on the RKE transmitter if the vehicle has remote start.

Vehicles with an automatic climate control system will default to a heating or cooling mode depending on the outside temperature during a remote start. A vehicle without automatic climate control will default to the last used heating or cooling mode. Once the key is turned to ON/RUN, the climate control system will turn on at the setting the vehicle was last set to. If the vehicle has heated seats, they may come on during a remote start. See *Heated Front Seats* on page 3-6 for more information.



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Laws in some local communities may restrict the use of remote starters. For example, some laws require a person using remote start to have the vehicle in view. Check local regulations for any requirements.

Other conditions can affect the performance of the transmitter. See *Remote Keyless Entry (RKE) System* on page 2-3 for additional information.

### Starting the Vehicle

To start the engine using the remote start feature:

1. Aim the RKE transmitter at the vehicle.
2. Press and release .
3. Immediately after completing Step 2, press and hold  until the turn signal lamps flash, or for about two seconds if the vehicle is not in view.

When the engine starts, the parking lamps will turn on and remain on as long as the engine is running. The doors will be locked and the climate control system may come on.

The engine will continue to run for 10 minutes. Repeat the steps for a 10-minute time extension. Remote start can be extended only once.

Start the vehicle before driving.

### Extending Engine Run Time

For a 10-minute extension, repeat Steps 1– 3 while the engine is still running. The remote start can be extended once.

When the remote start is extended, the second 10 minutes will start immediately.


For example, if the engine has been running for five minutes, and 10 minutes are added, the engine will run for a total of 15 minutes.

A maximum of two remote starts, or a single start with an extension, is allowed between ignition cycles.

The vehicle's ignition must be turned on and then back off before the remote start procedure can be used again.

### Canceling a Remote Start

To cancel a remote start, do one of the following:

- Aim the RKE transmitter at the vehicle and press and hold  until the parking lamps turn off.
- Turn on the hazard warning flashers.
- Turn the vehicle on and then off.

### Conditions in Which Remote Start Will Not Work

The remote vehicle start feature will not operate if:

- The key is in the ignition (key access) or if the key is in the vehicle (keyless access).
- The hood is not closed.
- The hazard warning flashers are on.

- The malfunction indicator lamp is on.
- The engine coolant temperature is too high.
- The oil pressure is low.
- Two remote vehicle starts, or a single remote start with an extension, have already been used.
- The vehicle is not in P (Park).

### Door Locks

#### **WARNING**

Unlocked doors can be dangerous.

- Passengers, especially children, can easily open the doors and fall out of a moving vehicle. The chance of being thrown out of the vehicle in a crash is increased if the doors are not locked. So, all passengers

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#### **WARNING (Continued)**

should wear safety belts properly and the doors should be locked whenever the vehicle is driven.

- Young children who get into unlocked vehicles may be unable to get out. A child can be overcome by extreme heat and can suffer permanent injuries or even death from heat stroke. Always lock the vehicle whenever leaving it.
- Outsiders can easily enter through an unlocked door when slowing or stopping the vehicle. Lock the doors to help prevent this from happening.


To lock or unlock a door from outside the vehicle, use the Remote Keyless Entry (RKE) transmitter. From inside the vehicle, use the power door lock switch or the manual lock knob. Pushing down the manual lock knob on the driver door will lock all doors.

The doors can also be unlocked from the inside by pulling the door handle. Pulling the door handle again unlatches the door.

GM will not access this data or share it with others except: with the consent of the vehicle owner or, if the vehicle is leased, with the consent of the lessee; in response to an official request by police or similar government office; as part of GM's defense of litigation through the discovery process; or, as required by law. Data that GM collects or receives may also be used for GM research needs or may be made available to others for research purposes, where a need is shown and the data is not tied to a specific vehicle or vehicle owner.

## OnStar®

If the vehicle is equipped with an active OnStar system, that system may also record data in crash or near crash-like situations. The OnStar Terms and Conditions provides information on data collection and use and is available in the OnStar glove box kit, at [www.onstar.com](http://www.onstar.com) (U.S.) or

[www.onstar.ca](http://www.onstar.ca) (Canada), or by pressing the  button and speaking to an advisor.

## Navigation System

If the vehicle has a navigation system, use of the system may result in the storage of destinations, addresses, telephone numbers, and other trip information. Refer to the navigation manual for information on stored data and for deletion instructions.

## Radio Frequency Identification (RFID)

RFID technology is used in some vehicles for functions such as tire pressure monitoring and ignition system security, as well as in connection with conveniences such as key fobs for remote door locking/unlocking and starting, and in-vehicle transmitters for garage door openers. RFID technology in GM vehicles does not use or record

personal information or link with any other GM system containing personal information.

## Radio Frequency Statement

This vehicle has systems that operate on a radio frequency that comply with Part 15 of the Federal Communications Commission (FCC) rules and with Industry Canada Standards RSS-GEN/210/220/310.

Operation is subject to the following two conditions:

1. The device may not cause harmful interference.
2. The device must accept any interference received, including interference that may cause undesired operation of the device.

Changes or modifications to any of these systems by other than an authorized service facility could void authorization to use this equipment.