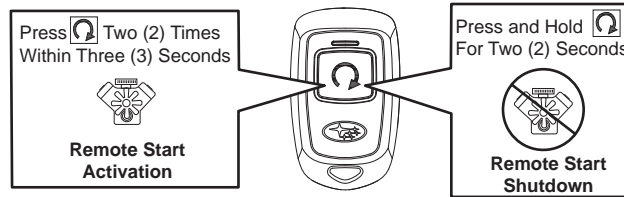




## REMOTE START QUICK REFERENCE\*



**NOTE:** All vehicle doors, hood, trunk or rear gate must be closed prior to activating the remote engine start system. Any open entry point will prevent starting or cause the system to shut down.

Upon successful activation, the remote start transmitter will flash and beep one (1) time\*\*, the horn will honk one (1) time and the side marker lights, tail lights and parking lights will flash one (1) time. The system will check certain safety preconditions before starting and if all conditions are met, the engine will start within five (5) seconds. After the engine starts, the remote start transmitter will flash and beep two (2) times\*\*, the horn will honk one (1) time and the side marker lights, tail lights and parking lights will flash one (1) time. While the engine is running via the remote engine start system, the remote start transmitter will continue to flash one (1) time every three (3) seconds, the side marker lights, tail lights and parking lights will remain illuminated and the power window switches will be disabled. The engine will continue to run for fifteen (15) minutes unless one of the safety parameters below is triggered. The system also has a timer that will allow the system to operate for a maximum of twenty (20) minutes (under multiple remote start activations). Using the factory ignition key (Turn start models) or Access key (Push start models) to turn on the ignition resets the twenty (20) minute timer.

If the engine turns over but does not start (or starts and stalls) the remote engine start system will power off and then attempt to start the engine three (3) additional times. The system will not attempt to restart the engine if it determines a vehicle malfunction is preventing it from starting. If the engine does not start after the three (3) additional attempts, the remote engine start request will be aborted.

### **Remote Start Safety Parameters**

For safety and security reasons, the system will fail to start or shut down the engine during remote start operation if any of the following occur:

- The remote start system has operated for twenty (20) minutes between ignition "ON" cycles  
*The horn will honk three (3) times and the parking lights will flash three (3) times*
- Any of the vehicle's doors, trunk or rear gate are open  
*The horn will honk six (6) times and the parking lights will flash six (6) times*
- The vehicle's hood is open  
*The horn will honk two (2) times and the parking lights will flash two (2) times*
- The ignition key is resting in the ignition cylinder (Turn start models)  
*The horn will honk two (2) times and the parking lights will flash two (2) times*
- The transmission shifter is not in the "park" position  
*The horn will honk two (2) times and the parking lights will flash two (2) times*
- The vehicle's brake pedal is pressed before the vehicle ignition is turned "ON"  
*The horn will honk two (2) times and the parking lights will flash two (2) times*
- The vehicle's engine idle speed has reached a level over 3,500 RPM (this will cause the vehicle to shutdown)
- The vehicle's security system is triggered by opening the door or rear gate (if the security system is armed at the time of remote start activation)

In addition to the items above, if the vehicle's engine management system determines there is a safety risk due to a vehicle related problem, the engine will shut down.

**WARNING: TO AVOID DANGER OF CARBON MONOXIDE, NEVER REMOTE START A VEHICLE IN A CLOSED SPACE SUCH AS A CLOSED GARAGE.**

**NOTE:** Laws in some communities require that the vehicle be within view of anyone using the Remote Engine Start. In some areas, use of the Remote Engine Start may violate state, provincial or local laws. Before using the Remote Engine Start, check your state, provincial and local laws.

\* See the vehicle owner's manual for more details.

\*\* Provided that the remote start transmitter is within the operating range of the system.

### **Entering the Vehicle While it is Running via Remote Start**

1. Unlock the vehicle's doors using the remote keyless entry system. If the vehicle's doors are unlocked manually using the mechanical key, the vehicle's security system will trigger (if the security system is armed prior to activating the remote start system) and the engine will turn off. Turning on the ignition or pressing the unlock button on the remote keyless entry transmitter will disarm the security system.
2. Enter the vehicle.
3. The engine will shut down upon opening any vehicle door, trunk, hatch or rear gate on 5-door / wagon vehicles.
4. Using the factory ignition key (Turn start models) or Access key (Push start models), re-start the engine.

### **Remote Start Confirmation Feature**

Your remote start transmitter is equipped with a unique bidirectional confirmation feature. This feature will allow the transmitter's LED to display system status provided the vehicle and transmitter fall within the system's operating range. Typical transmitter LED flash sequences are outlined below.

<b>Transmitter LED Flash &amp; Beep Sequence</b>	<b>Feature Description</b>
Flash when button is pressed (no audible beep)	Indicates that the system is transmitting an RF signal
Two (2) long flashes (no audible beep) following remote start activation (Transmitter button is pressed two (2) times within three (3) seconds)	Indicates that the transmitter did not receive remote start activation confirmation from the vehicle system. The transmitter will automatically send one (1) additional remote start activation attempt. This usually occurs when the operational range is at its limit or has been exceeded.
One (1) flash & one (1) beep following remote start activation (Transmitter button is pressed two (2) times within three (3) seconds)	Indicates that the transmitter has received remote start activation confirmation from the vehicle system.
Two (2) flashes & two (2) beeps following remote start activation (Transmitter button is pressed two (2) times within three (3) seconds)	Indicates that the transmitter has received confirmation of a successful start from the vehicle system (vehicle is now running).
One (1) flash every five (5) seconds (no audible beep)	Indicates that the vehicle is running via remote start. If the transmitter is moved outside of the system's operating range, this sequence will time out after the default fifteen (15) minute run time.
Three (3) flashes & three (3) beeps	Indicates that the engine has turned off due to the remote start system fifteen (15) minute time out, vehicle safety parameter or normal shut down.

**Important Note:** When taking your vehicle in for service, it is recommended that you inform the service personnel that your vehicle is equipped with a remote engine start system.

### **Selectable Run-Time**

The system is preprogrammed to run for fifteen (15) minutes before automatically stopping. The programmed run time can be changed to alternate times using the following procedure.

1. Enter the vehicle and close all vehicle doors, trunk or rear gate.
2. Verify that the transmission shifter is in the "park" position.
3. Turn the ignition "ON" then "OFF", "ON" then "OFF", "ON" then "OFF", then back "ON" and leave on throughout the programming process.  
(ON/OFF ignition cycles must be completed within eight (8) seconds).
4. The system will honk the horn the number of times corresponding to the current run time setting.
5. Open and close the driver's door to advance to the next run time setting. The system will honk the horn the number of times corresponding to the new run time setting.
6. Run time selection mode will exit via turning off the ignition or thirty (30) seconds of inactivity. Upon exit, the current run time selection will be stored.

<b>Horn Honks</b>	<b>Run Time</b>
1	Three (3) Minutes
2	Five (5) Minutes
3	Ten (10) Minutes
4	Fifteen (15) Minutes (Default Setting)

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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