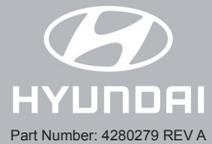




# OWNER'S GUIDE

# REMOTE START



Part Number: 4280279 REV A

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## INTRODUCTION

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Congratulations on your purchase of a Hyundai Remote Start System with Deluxe Vehicle Security featuring PowerCode Technology™. This easy-to-use manual details the operating instructions and benefits of the Remote Start System with Deluxe Vehicle Security. Should you have questions or concerns regarding this system that this manual does not address, please contact your local Hyundai dealer.

## TABLE OF CONTENTS:

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### Remote Control Quick Guide \_\_\_\_\_ 2

### Features and Benefits of the System \_\_\_\_\_ 3

### Remote Control Operation \_\_\_\_\_ 4

- Your remote control transmitter
- Arming the security system
- Disarming the security system
- Progressive Car Find®
- Personal protection alarm
- Illuminated entry

### Using the Remote Start Function \_\_\_\_\_ 5

- Starting your vehicle
- Remote start safety features
- Enter the vehicle while it is running via remote start

### Using the Remote Start Function \_\_\_\_\_ 6

- Pre-Heating or Pre-Cooling the vehicle interior
- Using the "Quick-Stop" feature

### Using Valet/Service Mode \_\_\_\_\_ 7

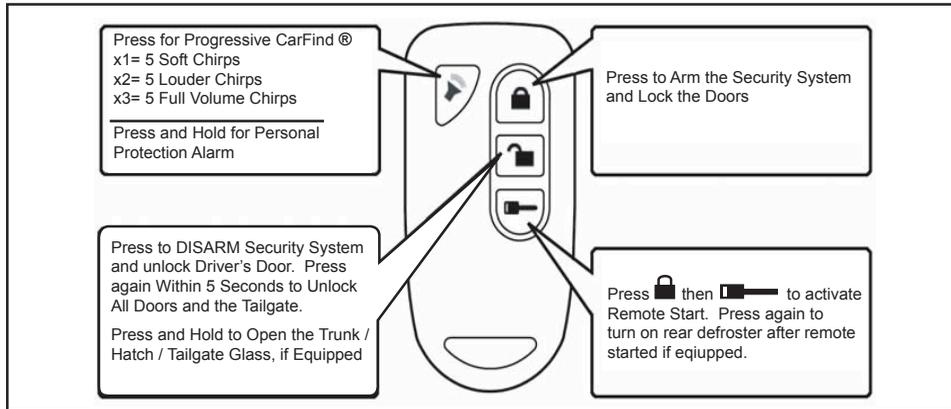
### Security System Functions \_\_\_\_\_ 8

- When the security system is armed
- Pre-Arm mode
- Attempted theft alert
- Trip ID

### Emergency Override Procedure \_\_\_\_\_ 9

### System Maintenance \_\_\_\_\_ 9

- Changing the Remote Control Batteries



## Caution:

Do not remote start vehicle in an enclosed environment (i.e. closed garage). Prolonged operation of a motor vehicle in an enclosed environment can cause a harmful build-up of Carbon Monoxide. Carbon Monoxide is harmful to your health. Exposure to high levels of carbon monoxide can cause headaches, dizziness or in extreme cases unconsciousness and/or death. Do not leave children or animals unattended in a vehicle while using the remote start function.

## FCC COMPLIANCE

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

## Warning!

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

## FEATURES AND BENEFITS OF THE REMOTE START SYSTEM WITH DELUXE VEHICLE SECURITY

- **Remote-Start** - Start your vehicle with the press of a button. Preheat or precool the vehicle's interior.
- **Remote Keyless Entry** - Lock and Unlock the vehicle's doors and tailgate.
- **All Vehicle Entrances are Protected** - Opening any entrance protected by the security system immediately sounds the vehicle horn and flashes the parking lights. Protected entrances include all doors, hood and trunk/tailgate.  
**Note:** Vehicle entrances are protected 10 seconds after arming the security system.
- **Starter Kill** - The vehicle starter is disabled whenever the system is armed.
- **Personal Protection Alarm** - The red "panic" button on your remote control triggers the vehicle horn and parking lights to scare away a potential attacker.
- **Progressive Car Find®** - Helps locate your vehicle in a parking lot.
- **Emergency Override** - A hidden Emergency Override Button disarms the security system in case your remote control becomes lost or disabled.

### Your Remote Control Transmitter

The remote control keyless entry transmitter controls the arming and disarming functions of the security system, as well as remote start, car finder and panic. The system is armed when the doors are locked with the remote control transmitter. The system is disarmed when the doors are unlocked with the remote control transmitter.

### Arming the Security System

Press the  button on the remote control transmitter. The system will lock the doors and flash the parking lights one time to indicate that the security system has armed. If the  button is pressed a second time within 5 seconds, the system will lock the doors again, flash the parking lights and chirp the horn one time confirming the system has armed.

### Disarming the Security System

Press the  button on the remote control transmitter. The system will unlock the driver's door and flash the parking lights two times to indicate that the security system has disarmed. If the  button is pressed a second time within 5 seconds, the system will unlock all remaining doors and the tailgate and flash the parking lights two times confirming the system has disarmed.

### Opening the Trunk / Hatch / Tailgate Glass

Press and hold the  button to open the trunk / hatch / tailgate glass, if equipped.

### Progressive Car Find®

The remote control car find function can help locate your vehicle in a dark or crowded parking lot. Pressing the  button on your remote control transmitter will chirp the horn 5 times. Subsequent presses of the  button within 5 seconds of the first press will activate the car find function again - sounding the horn slightly louder on the second and third activations and then at a constant sound level (equal to the third activation).

### Personal Protection Alarm with RPS® (Real Panic Sound)

The remote control panic function helps draw attention to your vehicle and yourself in an emergency situation. Press and hold the  button on your remote control transmitter for 3 seconds to activate the panic function. The horn and parking lights will sound/flash in random pulses for 30 seconds. Pressing the  button will turn off the panic feature.

### Illuminated Entry (Not Available on all Models)

When the security system is disarmed / unlocked with the remote control transmitter, the vehicle courtesy lights will turn on for one minute, or until the ignition key is turned on or the system is re-armed / re-locked with the remote control transmitter.

## USING THE REMOTE START FUNCTIONS

### Starting Your Vehicle

The remote start function is activated by pressing the  button followed by pressing the  button within 3 seconds on your remote control transmitter. The system will check the vehicle to ensure that it is safe to start, and if all safety parameters are correct, the engine will start within 5 seconds and run for up to 15 minutes. Press and hold the  button again for 2 seconds to turn off the vehicle.

### Remote Start Safety Features

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

- The brake pedal is pressed before the vehicle ignition key is turned on
- The vehicle hood or trunk/tailgate is opened
- The security system is triggered

As a safety precaution, the vehicle will shut off if left unattended after 15 minutes.

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

1. Press the  button on the remote control transmitter to unlock the doors and disarm the security system.
2. Enter the vehicle. Do not press the brake pedal.
3. Insert the key into the ignition and turn to the ON position.
4. Press the brake pedal. The remote start system disengages and the vehicle will operate normally.

## USING THE REMOTE START FUNCTION

### Pre-Heating or Pre-cooling the Interior

Before exiting the vehicle, set the temperature controls to the desired setting and operation. After the system starts the vehicle, the heater or air-conditioning will activate and heat or cool the interior to your setting.

### Using the “Quick-Stop” Feature

If you want to make a short stop and leave your vehicle running (to keep the interior warm or cool), the quick-stop feature allows you to do this while keeping your vehicle secure and your keys with you.

#### To engage quick-stop:

1. Stop the vehicle and place the transmission in PARK.
2. With your foot off the brake pedal, press the  button on the remote control transmitter. The parking lights will turn on and the driver's door will unlock (if locked), indicating the vehicle is now running via remote start.
3. Remove the keys from the ignition and exit the vehicle. Press the button  on the remote control transmitter to arm the security system and lock the vehicle doors if desired.

**Caution:** Do not leave children or animals unattended in the vehicle when using the quick-stop feature.

**Note:** If the vehicle's windshield wipers are left on when the vehicle was last driven, then the wipers will turn on if the remote start function is activated. To avoid damage to the wiper blades (i.e. due to heavy ice or snow accumulated on the windshield), it is a good idea to get in the habit of turning the vehicle's windshield wipers off when parking the vehicle.

### Using Valet/Service Mode

Service mode is used when servicing the vehicle to prevent the system from unexpectedly starting the engine while being serviced. While in service mode, the system's keyless entry functions will operate normally, but the security system will not arm and the remote start function is temporarily disabled. **The system will honk the horn 2 times if an attempt is made to activate the remote start system.**

**To Engage Valet/Service Mode;** turn the ignition key to the ON or RUN position and press and hold the  button for 2 seconds on the remote control transmitter.

**To Exit Valet/Service Mode (Return the system to its normal operating mode);** turn the ignition key to the ON or RUN position and press and hold the  button for 2 seconds on the remote control transmitter.

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

## SECURITY SYSTEM FUNCTIONS

### When the Security System is Armed

- All interior entry points are (doors, hood & trunk/tailgate) monitored for unauthorized entry.  
**Note:** Vehicle entrances are protected 10 seconds after arming the security system.
- When the Security System is triggered, the horn sounds and the parking lights flash in a random pattern.

The alarm cycle lasts for 30 seconds. At the end of the 30 second cycle, the security system will pause for 10 seconds and then begin monitoring for any further alarm trigger conditions. If another alarm condition is detected, the system will begin another alarm cycle. The system will trigger up to 5 times for each different alarm condition (i.e. door open or tailgate open). After the 5th trigger the system will consider any further trigger, on the same entry point, a faulty trigger and prevent it from triggering the security system.

### Pre-Arm Mode

The security system will alert you to an open entry point by NOT flashing the parking lights when you attempt to arm the security system by pressing the LOCK button on the remote control transmitter. If an entry point is open when the system attempts to arm, the system will wait up to 5 minutes for the open entry point to be closed. If the entry point is still open after 5 minutes the system will go ahead and arm the system, ignoring the open entry point until after it is closed. The entry point will be monitored after it has been closed.

### Attempted Theft Alert

The security system will alert you that a trigger occurred while you were away from the vehicle by honking the horn four times when you disarm your security system.

### Trip ID

The trip ID feature will let you know what entry point caused the security system to trigger while you were away from your vehicle. After disarming the system, enter the vehicle and press the override / programming button (located on the driver's side, secured to the remote start wire harness) before turning on the ignition key. The horn will honk a number of times to indicate which entry point in the chart to the right, triggered the alarm.

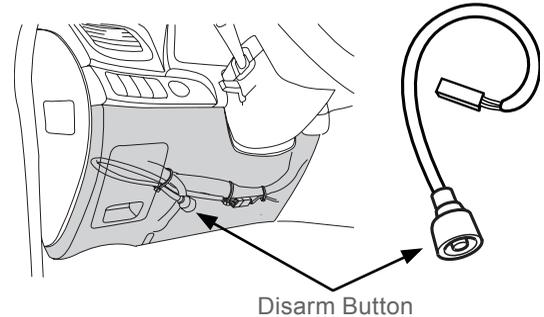
TRIP ID Chart	
Chirps	Entry Point
2 Chirps	Door
3 Chirps	Hood or Brake
4 Chirps	Trunk/Tailgate
5 Chirps	Ignition was turned on

## EMERGENCY OVERRIDE PROCEDURE

### Emergency Override Procedure

Use this procedure if your remote control transmitter is lost or fails to function to disarm the security system and start your vehicle.

1. Use your key to enter the vehicle. The alarm will sound after the door is opened.
2. Insert your key into the ignition and turn it to the ON position.
3. Press the override/programming button secured to the remote start wire harness above the driver's kick panel. The vehicle alarm will stop sounding and the vehicle will be able to be started with the key.



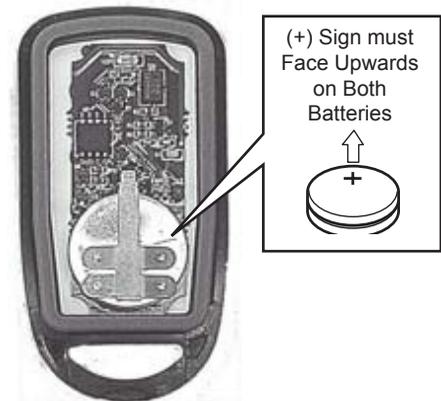
## SYSTEM MAINTENANCE

### Changing the Remote Control Transmitter Batteries

The (2) 3-volt lithium batteries (Model CR2016) supplied in your remote control transmitter should last approximately three years, depending on usage. When the batteries begin to weaken, you will notice a decrease in range or the distance from the vehicle that your remote control will operate.

**Follow the instructions below to change the remote control batteries.**

1. Insert the edge of a coin into the slot on the bottom of the remote control. Twist the coin to pry the remote control halves apart.
2. Remove the old batteries and replace with new ones. Be sure to observe the (+) and (-) sign when inserting the new batteries. The (+) sign must face upward on both batteries.
3. Carefully snap the case halves back together, then test the remote control.



Recycle or dispose of the old batteries according to your local laws or regulations.

