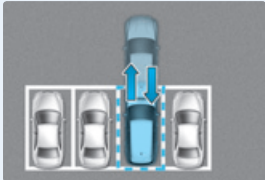

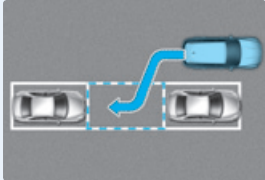
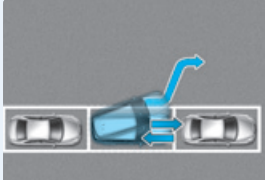


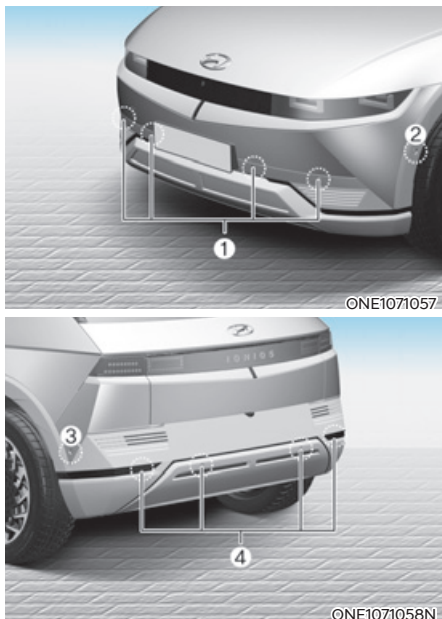
REMOTE SMART PARKING ASSIST (RSPA) (IF EQUIPPED)

Remote Smart Parking Assist uses vehicle sensors to help the driver park and exit parking spaces remotely from outside the vehicle by controlling the steering wheel, vehicle speed and gearshifts.

- Remote Smart Parking and Remote Operation function may be operated from outside the vehicle using the smart key.
- Smart Parking and Remote Smart Parking function may be operated from inside the vehicle.
- Smart Parking and Remote Smart Parking function helps the driver with perpendicular reverse parking and parallel reverse parking.
- Smart Exit function helps the driver with parallel forward exit.
- When Remote Smart Parking Assist operates, Parking Distance Warning, Rear View monitor and Surround View Monitor will also operate. For more details, refer to “Parking Distance Warning (PDW)”, “Rear View Monitor (RVM)” and “Surround View Monitor (SVM)” sections in this chapter.

Function	Description
Remote Operation	Remotely moving forward or backward  OJX1079037
	Perpendicular reverse parking  OJX1079034
Smart Parking or Remote Smart Parking	Parallel reverse parking  OJX1079035
	Parallel forward exit  OJX1079036

Detecting sensors



- [1] : Front ultrasonic sensors,
 [2] : Front corner ultrasonic sensors,
 [3] : Rear corner ultrasonic sensors,
 [4] : Rear ultrasonic sensors

Refer to the picture above for the detailed location of the detecting sensors.



CAUTION

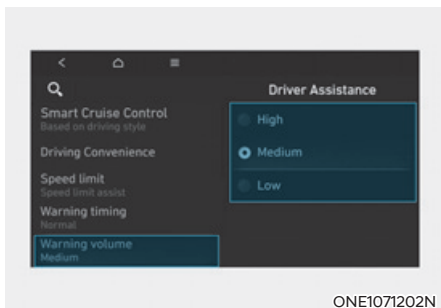
Take the following precautions to maintain optimal performance of the detecting sensors:

- **Never disassemble the detecting sensor or sensor assembly, or cause any damage to it.**
- **If the detecting sensors need repair, have the vehicle be inspected by an authorized HYUNDAI dealer.**

- **Remote Smart Parking Assist may malfunction if the vehicle bumper height or ultrasonic sensor installation has been modified or damaged. Any non-factory installed equipment or accessories may also interfere with the sensor performance.**
- **When the ultrasonic sensor is frozen or stained with snow, dirt, or water, the sensor may not operate until the stains are removed using a soft cloth.**
- **Do not push, scratch or strike the ultrasonic sensor. Sensor damage could occur.**
- **Do not spray the ultrasonic sensors or its surrounding area directly with a high pressure washer.**

Remote Smart Parking Assist Settings

Settings features



Warning Volume






With the vehicle on, select 'Driver Assistance → Warning Volume' from the Settings menu to change the Warning Volume to 'High', 'Medium' or 'Low' for Remote Smart Parking Assist.

If you change the warning volume, the Warning Volume of other Driver Assistance systems may change.

Remote Smart Parking Assist Operation

Remote Smart Parking Assist button

Parking/View button, Parking Safety button	Smart key
	
ONE1071059	ONE1071060

Location	Name	Symbol	Description
Inside vehicle	Parking/View button		<ul style="list-style-type: none">Press and hold the Parking/View button to turn on Remote Smart Parking Assist. Also, Forward/Reverse Parking Distance warning will automatically turn on.However, functions may differ depending on the situations. Refer to each function's description for more details in the following pages.Press and hold the Parking/View button while Smart Parking or Smart Exit function is on to operate the function.
	Parking Safety button		<ul style="list-style-type: none">Press the Parking Safety button while Remote Smart Parking Assist is operating to end Remote Smart Parking Assist operation.
Smart key	Remote Start button		<ul style="list-style-type: none">Press the Remote Start button after the door is locked with the vehicle off to start the vehicle remotely.Press the Remote Start button while Remote Smart Parking or Remote Operation function is operating to end function operation.
	Forward button		<ul style="list-style-type: none">When using Remote Smart Parking function, regardless of which direction button is pressed, parking is supported while the button is pressed.
	Backward button		<ul style="list-style-type: none">When using the Remote Operation function, the vehicle moves in the direction of the button while the button is pressed.

Remote Operation

Operating order

Remote Operation operates in the following order:

1. Getting ready to remotely move forward and backward
2. Remotely moving forward and backward

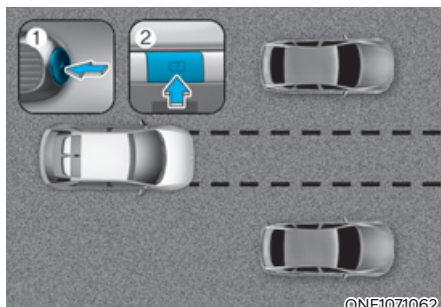
1. Getting ready to remotely move forward and backward

There are two ways to operate Remote Operation function.



Method (1) Using the function with vehicle off

- (1) Within a certain range from the vehicle press the door lock (🔒) button on the smart key and lock all doors.
 - (2) Press and hold the Remote Start button (🔑) within 4 seconds until the vehicle starts.
- For more details on remotely starting the vehicle, refer to “Remote Start” section in chapter 6.



Method (2) Using the function with vehicle on

- (1) Park the vehicle in front of the space where you want to use Remote Operation function, and shift the gear to P (Park).
- (2) Press and hold the Parking/View (P) button to turn on Smart Parking Assist. A message 'Under Remote Control' will appear on the infotainment system screen.
- (3) Get out of the vehicle with the smart key and close all doors.

- 'Agree' must be selected on the infotainment system screen and the infotainment system has to operate properly to use Remote Operation function.
- Method (2) can be used after the vehicle has been driven above 3 mph (5 km/h).
- If the function is turned on again after parallel parking is completed by Remote Smart Parking Assist, Remote Operation function can be used with Method (2).

2. Remotely moving forward and backward



- (1) Press and hold one of the Forward (⏮) or Backward (⏭) button on the smart key. Remote Smart Parking Assist will automatically control the steering wheel, vehicle speed and gearshift. The vehicle will move in the direction of the button pressed.

- (2) While Remote Operation function is operating, if you do not hold down the Forward (⏮) or Backward (⏭) button, the vehicle will stop and function control will pause. The function will start operating again when the button is pressed and held again.
- (3) When the vehicle reaches the target location, release the smart key Forward (⏮) or Backward (⏭) button.
- (4) When the driver gets in the vehicle with the smart key, a message will appear informing the driver Remote Operation function is complete on the infotainment system screen and the vehicle will remain on.

In addition, when the Remote Start (HOLD) button is pressed on the smart key from outside the vehicle, a message will appear informing the driver Remote Operation function is complete and the vehicle will turn off.

- Check that all smart keys are outside the vehicle when using Remote Operation function.
- Remote Operation function will operate only when the smart key is within 13 ft. (4 m) from the vehicle. If there is no vehicle movement even when the Forward (⏮) or Backward (⏭) button is pressed on the smart key, check the distance to the vehicle and press the button again.
- The detecting range of the smart key may vary depending on the surroundings that are affected by radio waves such as transmission tower, broadcast station, etc.
- When remotely moving forward using method (1), it is recognized as an exit situation, and the vehicle moves 13 ft. (4 m) to check for pedestrians, animals or objects around the vehicle. After confirmation, the steering wheel is controlled according to the condition ahead.
- When remotely moving forward using method (2), it is recognized as a parking situation, and will immediately control the steering wheel according to the condition ahead to assist with entering the parking space and aligning the vehicle. However, performance may reduce depending on the pedestrians, animals, shape of objects, location, etc., around the vehicle.
- For moving remotely backward, both method (1) and (2) aligns the steering wheel first, and then will only move the vehicle straight.
- When remotely moving forward or backward is completed, the vehicle will automatically shift to P (Park) and engage EPB (Electronic Parking Brake).



CAUTION




- **When using Remote Operation function, make sure that all passengers have gotten out of the vehicle.**
- **If the vehicle's battery is discharged or Remote Smart Parking Assist malfunctions when parked in a narrow parking space, Remote Operation function will not operate. Always park your vehicle in a space wide enough for you to get in or out of your vehicle.**
- **Please note that depending on the parking space, you may not be able to exit from the space you have entered by using Remote Operation function.**
- **After parking, the surrounding may change due to the movement of surrounding vehicles. If this occurs, Remote Operation function may not operate.**
- **Before leaving the vehicle, close windows and vision roof, and make sure the vehicle is off before locking the doors.**

Remote Operation function operation status



Operation status	Smart key LED	Hazard warning light
Under control	Green LED continuously blinks	-
Pause	Red LED continuously blinks	Blinks
Off	Red LED illuminates for 4 seconds and then turns off	Blinks 3 times and turns off
Complete	Green LED illuminates for 4 seconds and then turns off	Blinks 1 time and turns off

- * Operation status by the hazard warning light may not be applicable based on the regulation of your country.
- * If the smart key is not within the operating range from the vehicle (approximately 13 ft. (4m)), the smart key LED will not illuminate or blink. Use the smart key within the operating range.

How to turn off Remote Operation function while operating

- Press the Parking/View () button while the infotainment system screen guides the driver using method 2.
- Shift the gear except to P (Park) while the infotainment system screen guides the driver using method 2.
- Press the Parking Safety () button or select 'Cancel' on the infotainment system screen.
- Press the Remote Start () button on the smart key while the vehicle is being controlled by Remote Operation function. Remote Operation function will turn off. At this time, the vehicle will turn off.
- Get on the vehicle with the smart key. Remote Operation function will turn off. At this time, the vehicle will remain on.

The function will pause in the following conditions when:

- There is a pedestrian, animal or object in the direction the vehicle is moving
- The door or liftgate is open
- The Forward () or Backward () button is not continuously pressed
- Simultaneously pressing multiple buttons on a smart key
- The smart key is not operated within 13 ft. (4 m) from the vehicle
- Button of another smart key is pressed in addition to the operating smart key (Excluding start button)
- Blind-Spot Collision-Avoidance Assist or Rear Cross-Traffic Collision-Avoidance Assist operates while the vehicle is being controlled in the reverse direction.

- The vehicle moves 22 ft. (7 m) while the smart key is pressed with Remote Operation function (maximum travel distance per button press)

When Remote Operation function is paused, the vehicle will stop. If the condition that made the function to pause disappears, the function may operate again.

The function will cancel in the following conditions when:

- The steering wheel is steered
- The gear is shifted while the vehicle is moving
- Operating EPB while the vehicle is moving
- The vehicle hood is open
- The brake pedal or accelerator pedal is depressed when all the doors are closed
- The smart key is outside the vehicle when the brake pedal is depressed while the driver's door is open
- Rapid acceleration occurs
- Vehicle skid occurs
- The wheel is stuck by an obstacle and cannot move
- Approximately 3 minutes and 50 seconds has passed after Remote Operation function has started to operate
- The slope of the road exceeds the operational range
- The function is paused for more than 1 minute
- The total travel distance of the vehicle has exceeded 45 ft. (14 m) after Remote Operation function operation
- The steering wheel, gearshift, braking, and drive controls are not working properly
- There is a problem with the smart key or the smart key battery is low
- ABS, TCS or ESC system operates due to slippery road conditions
- The alarm of the Theft Alarm System sounds
- The Charging door opens
- The EV mode is utility mode

When Remote Operation function is canceled, the vehicle will automatically stop, shift the gear to P (Park) and engage EPB (Electronic Parking Brake).

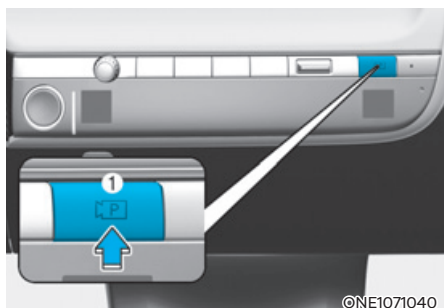
Smart Parking, Remote Smart Parking

Operating order

Parking function operates in the following order:

1. Getting ready for parking
 2. Searching for parking space
 3. Select parking type and operating mode
 4. Smart Parking
 5. Remote Smart Parking
- Parking function includes Smart Parking and Remote Smart Parking.

1. Getting ready for parking



- (1) With the vehicle turned on, depress the brake pedal and shift the gear to D (Drive) or N (Neutral).
 - (2) Press and hold the Parking/View (P) button to turn on Remote Smart Parking Assist.
- 'Agree' must be selected on the infotainment system screen and the infotainment system has to operate properly to use Parking function.
 - If you drive above 3 mph (5 km/h) with the vehicle on, you may use the Parking function with the gear shifted to N (Neutral).

2. Searching for parking space

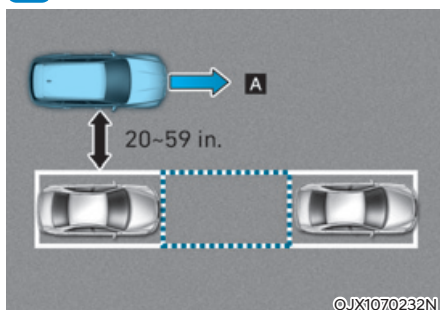


ONE1071229L

- (1) Slowly drive forward maintaining the distance of approximately 40 in. (100 cm) from the parked vehicles.
- (2) When searching for a parking space is complete, a message will appear on the infotainment system screen with an audible sound to notify the search is complete.
- (3) 'Select Parking Type' will be displayed on the infotainment system screen and the selected parking space will appear on Top View screen of Surround View Monitor.

- Remote Smart Parking Assist searches for parking spaces that are next to parked vehicles, or parking spaces with parked vehicles in front or rear.
- While searching for a parking space, when vehicle speed is above 12 mph (20 km/h), a message will appear on the infotainment system screen informing you to slow down. When vehicle speed is above 18 mph (30 km/h), Parking function will turn off.
- Searching for a parking space will be completed when there is enough space to move the vehicle in addition to the parking space.
- Even if an audible sound is heard to notify that searching for a parking space is complete, search completion can be canceled immediately depending on surroundings.

Information



[A] : Searching for parking space


- If the distance is below 20 in. (50 cm) or over 59 in. (150 cm), Remote Smart Parking Assist may not be able to search for a parking space.
- If you do not maintain a certain distance from the parked vehicle, the performance to search for a parking space may reduce.
- Even if a diagonal parking space is searched as a parking space, parking is not assisted properly.
- Due to abnormal performance of the ultrasonic sensor or the influence of the surroundings, Parking function may not be able to search for a parking space even if there is a parking space, or may search for a space that is not suitable for parking.

3. Select parking type and operating mode



- (1) Parking type – Perpendicular reverse (Left/Right), Parallel reverse (Left/Right)

With the vehicle stopped by depressing the brake pedal, touch the infotainment system screen to select the desired parking type.

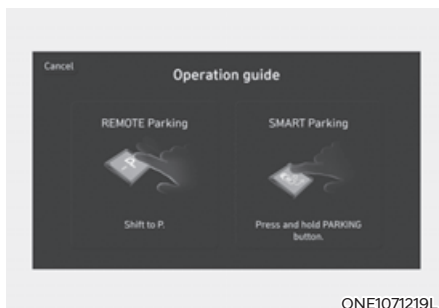
- If you continue to drive without stopping after the parking type selection screen appears, Remote Smart Parking Assist will return to the previous stage and search for a parking space.
- If Parking function is canceled unintentionally by pressing the Parking/View () button before the parking type is selected, you can return to the parking type selection stage by pressing and holding the button again while the vehicle is stopped.



CAUTION

Before selecting the Parking type, the driver should check whether the parking space is suitable.

If the searched parking space by Remote Smart Parking Assist is narrow or unsuitable for parking, do not select the Parking type and move the vehicle to search for another parking space.



- (2) Operating mode – Remote Parking, Smart Parking

After selecting a parking type, the infotainment system screen will guide you with Remote Smart Parking function and Smart Parking function. Follow the instructions to operate Remote Smart Parking Assist.

- Operating instructions will be displayed on the screen for each desired function you select.
- Do not take your foot off the brake pedal during the Parking function guide. When the vehicle moves, Remote Smart Parking Assist will turn off.

i Information



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If Remote Smart Parking Assist cannot activate Remote Smart Parking function, only the Smart Parking guide will be displayed on the infotainment system screen.

4. Smart Parking



OJX1070250N



OJX1070251N

- (1) Press the Parking/View (P) button when the vehicle is stopped by depressing the brake pedal. When the brake pedal is released, Remote Smart Parking Assist will automatically control the steering wheel, vehicle speed and gearshift.
- (2) While Smart Parking function is operating, if you do not hold down the Parking/View button, the vehicle will stop and function control will pause. The function will start operating again when the Parking/View button is pressed and held again.
- (3) When the vehicle reaches the target parking position, a message will appear on the infotainment system screen to inform you that parking is complete.

- Smart Parking function will not operate if the door is open or the seat belt is not fastened.
- The parking location indicator is displayed on Surround View Monitor screen and is displayed until the vehicle enters the parking space for the first time by Smart Parking function.
- Vehicle speed can be adjusted by depressing the brake pedal while Smart Parking function is operating. However, the vehicle does not accelerate even when the accelerator pedal is depressed.
- Depending on parking environments, if the vehicle is stopped by a stopper, parking may be completed.
- If you need to change the vehicle's position or location, manually complete parking your vehicle.

5. Remote Smart Parking



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- (1) Shift the gear to P (Park), get out of the vehicle with the smart key, and close all doors.
- (2) Press and hold one of the Forward (⬆️) or Backward (⬇️) button on the smart key. Remote Smart Parking Assist will automatically control the steering wheel, vehicle speed and gearshift.
- (3) While Remote Smart Parking function is operating, if you do not hold down the Forward (⬆️) or Backward (⬇️) button, the vehicle will stop and function control will pause. The function will start operating again when the button is pressed and held again.
- (4) When the vehicle reaches the target parking position, a message will appear on the infotainment system screen to inform you that parking is complete. The vehicle will automatically shift to P (Park), engage EPB (Electronic Parking Brake) and the vehicle will turn off.




- When operating Remote Smart Parking function, make sure all smart keys are outside of the vehicle.
- Remote Smart Parking function will operate only when the smart key is within 13 ft. (4 m) from the vehicle. If there is no vehicle movement even when the Remote Operation button is pressed on the smart key, check the distance to the vehicle and press the button again.
- The detecting range of the smart key may vary depending on the surroundings that are affected by radio waves such as transmission tower, broadcast station, etc.
- The parking location indicator is displayed on Surround View Monitor screen and is displayed until the vehicle enters the parking space for the first time by Remote Smart Parking function.
- Depending on parking environments, if the vehicle is stopped by a stopper, parking may be completed.
- If you need to change the vehicle's position or location, manually complete parking your vehicle.



CAUTION

- **When using Remote Smart Parking function, make sure that all passengers have gotten out of the vehicle.**
- **After ending or turning off Remote Smart Parking function, before leaving the vehicle, close windows and vision roof, and make sure the vehicle is off before locking the doors.**

How to turn off Parking function while operating

- Press the Parking/View () button in the following stage:
 - Searching for parking space
 - Select parking type
- Shift the gear to R (Reverse) in the following stage:
 - Searching for parking space
 - Select parking type
 - Select operating mode
- Press the Parking Safety () button or select 'Cancel' on the infotainment system screen to turn off Parking function.
- While Smart Parking function is operating:
 - If the vehicle is stopped by depressing the brake pedal, and the gear is shifted, Parking function will turn off. At this time, EPB (Electronic Parking Brake) will not be engaged.
- While Remote Smart Parking function is operating:
 - Press the Remote Start () button on the smart key. Parking function will turn off.
 - Get on the vehicle with the smart key. Parking function will turn off. At this time, the vehicle will remain on.

Parking function operation status

- Smart Parking function

Operation status	Turn signal
Under control	The turn signal of the parking direction blinks until the first reverse is complete.

- Smart Parking function

Operation status	Smart key LED	Hazard warning light	Turn signal
Under control	Green LED continuously blinks	-	The turn signal of the parking direction blinks until the first reverse is complete.
Pause	Red LED continuously blinks	Blinks	-
Off	Red LED illuminates for 4 seconds and then turns off	Blinks 3 times and turns off	-
Complete	Green LED illuminates for 4 seconds and then turns off	Blinks 1 time and turns off	-

- * Operation status by the hazard warning light may not be applicable based on the regulation of your country.
- * If the smart key is not within the operating range from the vehicle (approximately 13 ft. (4 m)), the smart key LED will not illuminate or blink. Use the smart key within the operating range.

The function will pause in the following conditions when:

- Smart Parking
 - There is a pedestrian, animal or object in the direction the vehicle is moving
 - The door or liftgate is open
 - The driver's seat belt is not fastened
 - Blind-Spot Collision-Avoidance Assist or Rear-Cross Traffic Collision-Avoidance Assist operates while the vehicle is being controlled in the reverse direction
 - The Parking/View (P) button is not continuously pressed
 - The vehicle is stopped by depressing the brake pedal
- Remote Smart Parking
 - There is a pedestrian, animal or object in the direction the vehicle is moving
 - The door or liftgate is open
 - The Forward (F) or Backward (B) button is not continuously pressed
 - Simultaneously pressing multiple buttons on a smart key
 - The smart key is not operated within 13 ft. (4 m) from the vehicle
 - Button of another smart key is pressed in addition to the operating smart key
 - Blind-Spot Collision-Avoidance Assist or Rear-Cross Traffic Collision-Avoidance Assist operates while the vehicle is being controlled in the reverse direction

When Parking function is paused, the vehicle will automatically stop. If the condition that made the function to pause disappears, the function may operate again.

The function will cancel in the following conditions when:

- Smart Parking
 - The steering wheel is steered
 - The gear is shifted while the vehicle is moving
 - Operating EPB while the vehicle is moving
 - The hood is open
 - The driver opens the door with the seatbelt unfastened
 - Rapid acceleration occurs
 - Vehicle skid occurs
 - The wheel is stuck by an obstacle and cannot move
 - There are pedestrians, animals or objects at the front and rear of the vehicle at the same time
 - Approximately 3 minutes and 50 seconds have past after Smart Parking function has started to operate
 - The slope of the road exceeds the operational range
 - The function is paused for more than 1 minute
 - The steering wheel, gearshift, braking, and drive controls are not working properly
 - ABS, TCS or ESC system operates due to slippery road conditions
 - The Charging door opens
 - The EV mode is utility mode

When Smart Parking function is canceled, the vehicle will automatically stop, shift the gear to P (Park) and engage EPB (Electronic Parking Brake).

- Remote Smart Parking
 - The steering wheel is steered
 - The gear is shifted
 - Operating EPB while the vehicle is moving
 - The hood is open
 - The brake pedal or accelerator pedal is depressed when all the doors are closed
 - The smart key is outside the vehicle when the brake pedal is depressed while the driver's door is open.
 - Rapid acceleration occurs
 - Vehicle skid occurs
 - The wheel is stuck by an obstacle and cannot move
 - There are pedestrians, animals or objects at the front and rear of the vehicle at the same time
 - Approximately 3 minutes and 50 seconds have past after Remote Smart Parking function has started to operate
 - The slope of the road exceeds the operational range
 - The function is paused for more than 1 minute
 - The steering wheel, gearshift, braking, and drive controls are not working properly
 - There is a problem with the smart key or the smart key battery is low
 - ABS, TCS or ESC system operates due to slippery road conditions
 - The alarm of the Theft Alarm System sounds
 - The Charging door opens
 - The EV mode is utility mode

When Remote Smart Parking function is canceled, the vehicle will automatically stop, shift the gear to P (Park) and engage EPB (Electronic Parking Brake).

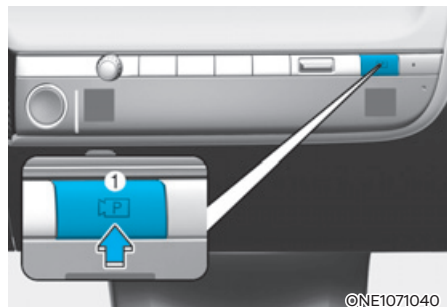
Smart Exit


Operating order

Smart Exit function operates in the following order:

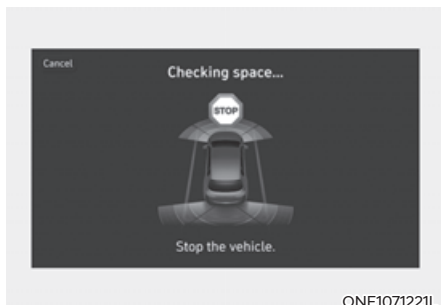
1. Getting ready for exit
2. Checking space
3. Select exit direction
4. Smart Exit

1. Getting ready for exit



- (1) With the vehicle turned on, depress the brake pedal and shift the gear to P (Park) or N (Neutral).
 - (2) Press and hold the Parking/View () button to turn on Remote Smart Parking Assist.
- 'Agree' must be selected on the infotainment system screen and the infotainment system has to operate properly to use Smart Smart Exit function.
 - Drive below 3 mph (5 km/h) with the vehicle on and shift the gear to N (Neutral), Smart Exit function can be used.
 - If the function is turned on again after parallel parking is completed by Remote Smart Parking Assist, Smart Exit function can be used.

2. Checking space



- (1) When the vehicle is stopped by depressing the brake pedal, the vehicle sensors will detect the distance from nearby objects and check for space to exit.
- (2) When checking for space is complete, a message will appear on the infotainment system screen with an audible sound to notify the search is complete.

WARNING

- While checking for space, if there is a risk of collision with pedestrian, animal or object in the direction of vehicle exit, for your safety, Smart Exit function can be turned off.
- Even if check for space is completed, objects in the blind spot area cannot be detected by the sensors. The driver must directly check the blind spot area and continue using the function.

Information

Due to abnormal performance of the ultrasonic sensor or the influence of the surroundings, Parking function may not be able to search for a parking space even if there is a parking space, or may search for a space that is not suitable for parking.

- The parked vehicle has objects attached to the bumper such as bumper guard, trailer hitch, etc.

3. Select exiting direction

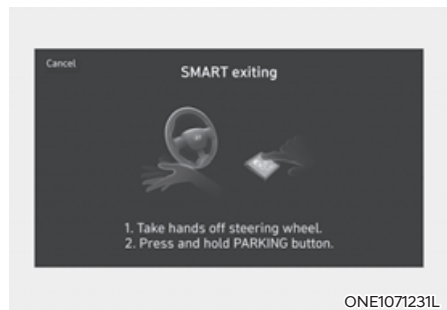


- (1) With the vehicle stopped by depressing the brake pedal, the infotainment system screen displays the possible directions for parallel exit.
- (2) Touch the infotainment system screen to select the desired exit direction.

CAUTION

- Before selecting the Exit Direction, the driver should check whether the space for exit is suitable.
- If the searched exit space by Remote Smart Parking Assist is narrow or unsuitable (surrounding vehicles are parked vertically, etc.), do not use the Smart Exit function.

4. Smart Exit





- (1) Press the Parking/View (P) button when the vehicle is stopped by depressing the brake pedal. When the brake pedal is released, Remote Smart Parking Assist will automatically control the steering wheel, vehicle speed and gearshift.
- (2) While Smart Exit function is operating, if you do not hold down the Parking/View button, the vehicle will stop and function control will pause. The function will start operating again when the Parking/View button is pressed and held again.
- (3) When the vehicle reaches the target exit location, a message will appear on the infotainment system screen to inform you that exit is complete.

- Smart Exit function will not operate if the door is open or the seat belt is not fastened.
- Vehicle speed can be adjusted by depressing the brake pedal while Smart Exit function is operating. However, the vehicle does not accelerate even when the accelerator pedal is depressed.
- If exit is completed while depressing the brake pedal, Smart Exit function will complete with the gear in D (Drive).
- If exit is completed while depressing the accelerator pedal, you must take your foot off the accelerator pedal once for the accelerator pedal to operate.
- If there is no vehicle operation such as depressing the brake pedal or accelerator pedal within 4 seconds after exit is complete, the vehicle will automatically shift to P (Park) and engage EPB (Electronic Parking Brake).
- After Exit function is complete, always check the surroundings before driving.


Smart Exit operation status

Operation status	Turn signal
Under control	The turn signal of the exit direction blinks until the exit is complete or Smart Exit is canceled.

How to turn off Smart function while operating

- Press the Parking/View () button in the following stage:
 - Checking space
 - Select exit direction
- Shift the gear to R (Reverse) in the following stage:
 - Checking space
 - Select exit direction
- Press the Parking Safety () button or select 'Cancel' on the infotainment system screen to turn off Exit function.
- While Smart Exit function is operating, if the vehicle is stopped by depressing the brake pedal, and the gear is shifted, Exiting function will turn off. At this time, EPB (Electronic Parking Brake) will not be engaged.

The function will pause in the following conditions when:

- There is a pedestrian, animal or object in the direction the vehicle is moving
- The door or liftgate is open
- The driver's seat belt is not fastened
- Blind-Spot Collision-Avoidance Assist or Rear-Cross Traffic Collision-Avoidance Assist operates while the vehicle is being controlled in the reverse direction
- The Parking/View () button is not continuously pressed
- The vehicle is stopped by depressing the brake pedal

When Exit function is paused, the vehicle will stop. If the condition that made the function to pause disappears, the function may operate again.

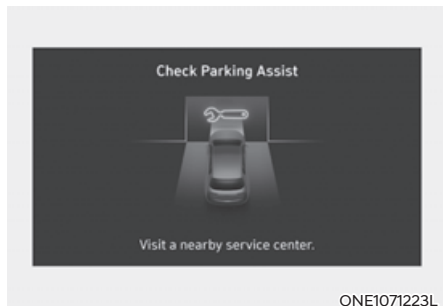
The function will cancel in the following conditions when:

- Smart Exit
 - The steering wheel is steered
 - The gear is shifted while the vehicle is moving
 - Operating EPB while the vehicle is moving
 - The hood is open
 - The driver opens the door with the seatbelt unfastened
 - Rapid acceleration occurs
 - Vehicle skid occurs
 - The wheel is stuck by an obstacle and cannot move
 - There are pedestrians, animals or objects at the front and rear of the vehicle at the same time
 - Approximately 3 minutes and 50 seconds have past after Smart Exit function has started to operate
 - The slope of the road exceeds the operational range
 - The function was paused for more than 1 minute
 - The steering wheel, gearshift, braking, and drive controls are not working properly
 - ABS, TCS or ESC system operates due to slippery road conditions
 - The Charging door opens

When Smart Exit function is canceled, the vehicle will automatically stop, shift the gear to P (Park) and engage EPB (Electronic Parking Brake).

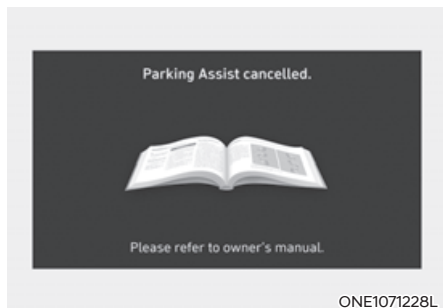
Remote Smart Parking Assist Malfunction and Limitations

Remote Smart Parking Assist malfunction



Remote Smart Parking Assist check

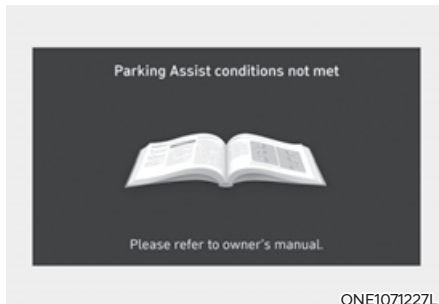
When Remote Smart Parking Assist is not working properly, the 'Check Parking Assist' warning message will appear on the infotainment system screen. If the message appears, stop using Remote Smart Parking Assist, and have the vehicle be inspected by an authorized HYUNDAI dealer.



Remote Smart Parking Assist canceled

When Remote Parking Assist is operating, the function can be canceled, and the 'Parking Assist Canceled' warning message may appear regardless of the parking order. Other messages may appear depending on the situations.

Follow the instructions provided on the infotainment system screen while parking your vehicle with Remote Parking Assist. Always look around and pay attention when using Remote Smart Parking Assist.



Remote Smart Parking Assist standby

When 'Parking Assist Conditions Not Met' message appears, when Parking/View (Ⓟ) button has been pressed and held, Remote Smart Parking Assist is in standby. After a while, press and hold the Parking/View (Ⓟ) button again to see if Remote Smart Parking Assist works.

The message appears even when the smart key's battery is low. Check the smart key battery level.

It does not work even when the EV mode is in the Utility mode. For related information refer to Utility Mode in 'Foreword/Electric Vehicle System Overview'.

Limitations of Remote Smart Parking Assist

In the following circumstances, Remote Smart Parking Assist performance to park or exit the vehicle may be limited, there may be a risk of collision, or Remote Smart Parking Assist may turn off. Park or exit the vehicle manually if necessary.

- An object is attached to the steering wheel
- The vehicle is installed with a snow chain, spare tire or different size wheel
- Tire pressure is lower or higher than the standard tire pressure
- Your vehicle is loaded with cargo longer or wider than your vehicle or a trailer is connected to your vehicle
- There is a problem with the wheel alignment
- Your vehicle is leaned severely to one side
- Your vehicle is equipped with a trailer hitch
- The license plate is installed differently from the original location
- There is a person, animal or object above or below the ultrasonic sensor when Remote Smart Parking Assist is activated
- The parking space is curved or diagonal
- There is an obstacle such as a person, animal or object (trash can, bicycle, motorcycle, shopping cart, narrow pillar, etc.) near the parking space
- There is a circular pillar or narrow pillar, or a pillar surrounded by objects such as fire extinguisher, etc., near the parking space
- The road surface is bumpy (curbstone, speed bump, etc.)
- The road is slippery
- The parking space is near a vehicle with higher ground clearance or big, such as a truck, etc.
- The parking space is Inclined
- There is heavy wind
- Operating Remote Smart Parking Assist on uneven roads, gravel roads, bushes, etc.
- The performance of the ultrasonic sensor is affected by extremely hot or cold weather
- The ultrasonic sensor is covered with snow or water
- An object that generates ultrasonic waves is nearby
- A wireless device with a transmission function operates near the ultrasonic sensors
- Your vehicle is affected by another vehicle's Parking Distance Warning
- The sensor is mounted or positioned incorrectly by an impact to the bumper
- When the ultrasonic sensor cannot detect the following objects:
 - Sharp or slim objects, such as ropes, chains or small poles
 - Objects smaller than 40 in. (100 cm) in length and narrower than 6 in. (14 cm) in diameter
 - Objects which tend to absorb sensor frequency, such as clothes, spongy material or snow
 - A narrow object such as a corner of a square pillar
 - Person, animal or object near the ultrasonic sensor

Remote Smart Parking Assist may not operate properly under the following circumstances:

- Parking on inclines



Park manually when parking on inclines.

- Parking in snow



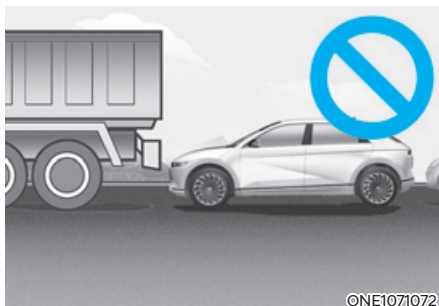
Snow may interfere with sensor operation, or Remote Smart Parking Assist may cancel if the road is slippery while parking.

- Parking on uneven road



Remote Smart Parking Assist may cancel when the vehicle slips, or the vehicle cannot move due to road conditions such as pebbles or fragmented stones.

- Parking behind a truck



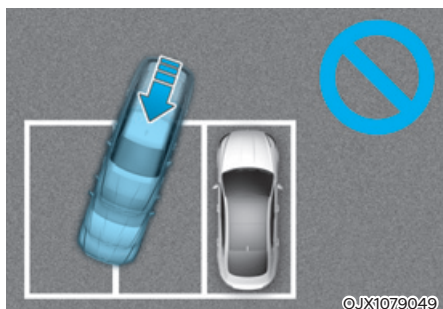
Do not use Remote Smart Parking Assist around vehicles with higher ground clearance, such as a bus, truck, etc. It may lead to an accident.

- Parking near a pillar



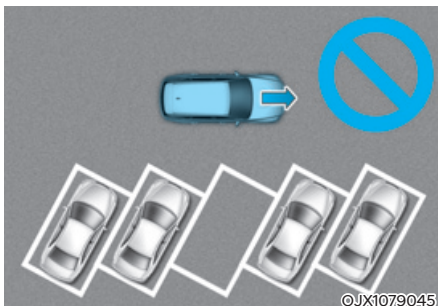
Remote Smart Parking Assist performance may reduce or collision with an obstacle may occur when there is a narrow object, circular pillar, square pillar, or a pillar surrounded by objects such as a fire extinguisher, etc., near the parking space. The driver should park the vehicle manually.

- Parking in a parking space with a vehicle on one side only



If Remote Smart Parking Assist is used, when parking in a parking space with a vehicle only on one side, your vehicle may cross the parking line to avoid the parked vehicle.

- Parking diagonal



Remote Smart Parking Assist does not provide diagonal parking. Even if your vehicle was able to enter the parking space, do not use Remote Smart Parking Assist because the function cannot operate properly.

- Leaving a parking space near a wall or parking in a narrow space



- Remote Smart Parking Assist may not operate properly when leaving a parking space that is narrow and near a wall. Always check for pedestrians, animals, objects while leaving.
- For your safety, Remote Smart Parking Assist does not search for parking spaces at areas with narrow parking spaces that are narrower than the minimum space required for parking.



WARNING

Take the following precautions when using Remote Smart Parking Assist:

- The driver is responsible for safe parking and exit when using Remote Smart Parking Assist.
- When using Remote Smart Parking Assist, stay out of the way in the direction the vehicle moves for your safety.
- Always check surroundings when using Remote Smart Parking Assist. You may collide with pedestrians, animals, or objects if they are near the sensor or are in the sensor's blind spot area.
- A collision may occur if a pedestrian, animal, or object suddenly appears while Remote Smart Parking Assist is operating.
- Do not use Remote Smart Parking Assist when under the influence of alcohol.
- Do not let children or other people to use the smart key.
- If Remote Smart Parking Assist is used continuously for a long period, it may adversely affect Remote Smart Parking Assist performance.

- Remote Smart Parking Assist may not operate properly if the vehicle needs wheel alignment adjustment such as when the vehicle tilts to one side. Have the vehicle be inspected by an authorized HYUNDAI dealer.
- Noise may be heard when braking occurs by Remote Smart Parking Assist or when the brake pedal is depressed by the driver.
- Remote Smart Parking Assist may suddenly apply the brake to avoid collision.
- Use Remote Smart Parking Assist only in a parking space that is large enough for the vehicle to move safely.

NOTICE

- If the 3rd stage warning (continuous beep) of the Forward/Reverse Parking Distance Warning sounds while Remote Smart Parking Assist is operating, it means the obstacle detected is close to your vehicle. At this time, Remote Smart Parking Assist will temporarily stop operating. Make sure there are no pedestrians, animals, or objects around your vehicle.
- Depending on brake operation, the stop lights may come on while the vehicle is moving.
- If the vehicle is remotely started that has been parked in cold weather for a long time, the operation of Remote Smart Parking function may be delayed or canceled depending on vehicle condition.