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FOLDING KEY

Record your key number



The key code number is stamped on the bar code tag attached to the key set. Should you lose your keys, this number will enable an authorized HYUNDAI dealer to duplicate the keys easily. Remove the bar code tag and store it in a safe place. Also, record the code number and keep it in a safe and handy place, but not in the vehicle.

Key operations



- Used to start the engine.
- Used to lock and unlock the doors.
- Used to lock and unlock the glove box.
- To unfold the key, press the release button then the key will unfold automatically. To fold the key, fold the key manually while pressing the release button.

⚠ CAUTION

Do not fold the key without pressing the release button. This may damage the key.

⚠ WARNING

Use only HYUNDAI original parts for the ignition key in your vehicle. If an aftermarket key is used, the ignition switch may not return to ON after START. If this happens, the starter will continue to operate causing damage to the starter motor and possible fire due to excessive current in the wiring.

⚠ WARNING - Ignition key

Leaving children unattended in a vehicle with the ignition key is dangerous even if the key is not in the ignition. Children copy adults and they could place the key in the ignition. The ignition key would enable children to operate power windows or other controls, or even make the vehicle move, which could result in serious bodily injury or even death. Never leave the keys in your vehicle with unsupervised children.

Door Lock (1)



1. Close all doors, engine hood and tailgate.
2. Press the lock button(1).
3. All doors and tailgate will lock. The hazard warning lights will blink once.
4. If the lock button is pressed once more within 4 seconds, the hazard warning lights will blink and the horn will sound once.
5. Make sure that doors are locked by checking the door lock button inside or pulling the outside door handle.

Door Unlock (2)

1. Press the unlock button(2).
2. The driver's door will unlock. The hazard warning lights will blink two times.
3. Press the unlock button(2) twice within 4 seconds and all doors and tailgate will unlock. The hazard warning lights will blink two times.

✻ NOTICE

You can activate or deactivate the Two Turn Unlock function. Refer to "User settings" in this section.

Tailgate unlock (3)

The tailgate is unlocked if the button is pressed for more than 1 second.

Also, once the tailgate is opened and then closed, the tailgate will be locked automatically.

Panic (4)

The horn sounds and hazard warning lights flash for about 30 seconds if this button is pressed for more than 1.5 second. To stop the horn and lights, press any button except the trunk button on the transmitter.

Transmitter precautions

✻ NOTICE

The transmitter will not work if any of following occur:

- **The ignition key is in the ignition switch.**
- **You exceed the operating distance limit (about 30 m [90 feet]).**
- **The battery in the transmitter is weak.**
- **Other vehicles or objects may be blocking the signal.**
- **The weather is extremely cold.**
- **The transmitter is close to a radio transmitter such as a radio substation or an airport which can interfere with normal operation of the transmitter.**

When the transmitter does not work correctly, open and close the door with the ignition key. If you have a problem with the transmitter, contact an authorized HYUNDAI dealer.

(Continued)

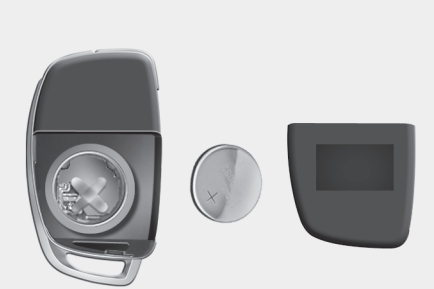
(Continued)

- **If the transmitter is in close proximity to your mobile phone, the signal could be blocked by your mobile phones normal operational signals. This is especially important when the phone is active such as making and receiving calls, text messaging, and/or sending/receiving emails. Avoid placing the transmitter and your mobile phone in the same pants or jacket pocket and always try to maintain an adequate distance between the two devices.**

⚠ CAUTION

Keep the transmitter away from water or any liquid. If the keyless entry system is inoperative due to exposure to water or liquids, it will not be covered by your manufacturer's vehicle warranty.

Battery replacement



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The transmitter uses a 3 volt lithium battery which will normally last for several years. When replacement is necessary, use the following procedure.

1. Insert a slim tool into the slot and gently pry open the transmitter center cover.
2. Replace the battery with a new battery (CR2032). When replacing the battery, make sure the battery position.
3. Install the battery in the reverse order of removal.

For replacement transmitters, see an authorized HYUNDAI dealer for transmitter reprogramming.

- The transmitter is designed to give you years of trouble-free use, however it can malfunction if exposed to moisture or static electricity. If you are unsure how to use your transmitter or replace the battery, contact an authorized HYUNDAI dealer.
- Using the wrong battery can cause the transmitter to malfunction. Be sure to use the correct battery.
- To avoid damaging the transmitter, don't drop it, get it wet, or expose it to heat or sunlight.
-  An inappropriately disposed battery can be harmful to the environment and may cause human health. Dispose the battery according to your local law(s) or regulation.

⚠ CAUTION - Transmitter damage

Do not drop, wet or expose the keyless entry system transmitter to heat or sunlight.

⚠ IC WARNING

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Immobilizer system

Your vehicle is equipped with an electronic engine immobilizer system to reduce the risk of unauthorized vehicle use.

Your immobilizer system is comprised of a small transponder in the ignition key and electronic devices inside the vehicle.

With the immobilizer system, whenever you insert your ignition key into the ignition switch and turn it to ON, it checks and determines and verifies if the ignition key is valid.

If the key is determined to be valid, the engine will start.

If the key is determined to be invalid, the engine will not start.

To activate the immobilizer system:

Turn the ignition key to the OFF position. The immobilizer system activates automatically. Without a valid ignition key for your vehicle, the engine will not start.

To deactivate the immobilizer system:

Insert the ignition key into the key cylinder and turn it to the ON position.

⚠ WARNING

In order to prevent theft of your vehicle, do not leave spare keys anywhere in your vehicle. Your Immobilizer password is a customer unique password and should be kept confidential. Do not leave this number anywhere in your vehicle.

✻ NOTICE

When starting the engine, do not use the key with other immobilizer keys around. Otherwise the engine may not start or may stop soon after it starts. Keep each key separate in order to avoid a starting malfunction.

⚠ CAUTION

Do not put metal accessories near the ignition switch.

Metal accessories may interrupt the transponder signal and may prevent the engine from being started.

✻ NOTICE

If you need additional keys or lose your keys, contact an authorized HYUNDAI dealer.

⚠ CAUTION

The transponder in your ignition key is an important part of the immobilizer system. It is designed to give years of trouble-free service, however you should avoid exposure to moisture, static electricity and rough handling. Immobilizer system malfunction could occur.

⚠ CAUTION

Do not change, alter or adjust the immobilizer system because it could cause the immobilizer system to malfunction and should only be serviced by an authorized HYUNDAI dealer.

Malfunctions caused by improper alterations, adjustments or modifications to the immobilizer system are not covered by your vehicle manufacturer warranty.

This device complies with Industry Canada Standard RSS-210.

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.

⚠ CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. If the keyless entry system is inoperative due to changes or modifications not approved by the party responsible for compliance, it will not be covered by your manufacturer's vehicle warranty.

"Limp Home" Mode and Related Procedures

If the immobilizer warning indicator blinks for five seconds when the ignition key is turned to the "ON" position, this indicates the immobilizer system requires service. The engine cannot be started without using the procedure below.

The following procedure describes how to start the engine using the limp home function (0, 1, 2, 3 as a sample password).

✻ NOTICE

You can get a limp home password when the vehicle is first delivered to you. If you do not have a password, consult your authorized HYUNDAI dealer.

1. To activate the password, turn the ignition key "ON" and "OFF" according to the digit numbers. The immobilizer indicator will blink along with the operation of the ignition key. For example, turn the ignition key once for digit number "1", and twice for "2", and so on. For the digit number "0", you must cycle the ignition key 10 times.
2. Wait for 3~10 seconds.
3. You may set the remaining number of digits by following steps 1 and 2.
4. If all of the four password digits have been successfully entered, turn the ignition key "ON" and check that the immobilizer indicator illuminates. From this time, you have to start your engine within 30 seconds. If you try to start your engine after 30 seconds, your engine will not start.

✻ NOTICE

If the engine stalls while driving in the "limp home" mode, you can start your engine within 3 seconds without re-entering the password.

If the immobilizer indicator blinks for five seconds, you must re-enter the password (steps 1~4).

After performing the limp home activation procedure, consult with your authorized HYUNDAI dealer as soon as possible.

⚠ CAUTION

- ***If the password is entered incorrectly three consecutive times, wait for about one hour to perform the limp home activation procedure again.***
- ***If you cannot start your engine using the limp home activation procedure, have your vehicle towed by an authorized HYUNDAI dealer.***

SMART KEY

Record your key number



The key code number is stamped on the bar code tag attached to the key set. Should you lose your keys, this number will enable an authorized HYUNDAI dealer to duplicate the keys easily. Remove the bar code tag and store it in a safe place. Also, record the code number and keep it in a safe and handy place, but not in the vehicle.

Smart key function



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To remove the mechanical key, press and hold the release button(1) and remove the mechanical key (2).

To reinstall the mechanical key, put the key into the hole and push it until a click sound is heard.

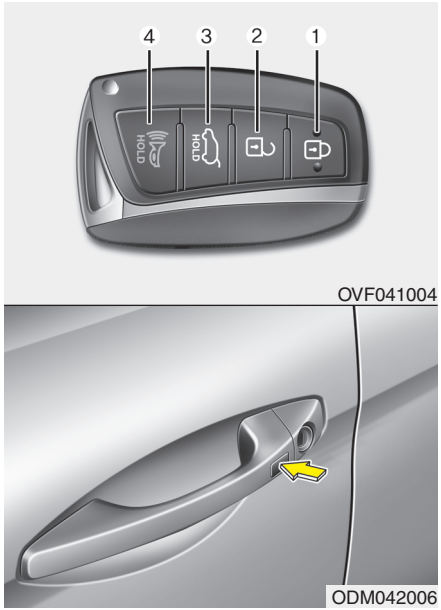
With a smart key, you can lock or unlock a door (and Tailgate) and start the engine.

Refer to the following for more details.

⚠ WARNING - Smart key

Leaving children unattended in a vehicle with the smart key is dangerous. Children copy adults and they could press the engine start/stop button. It would enable children to operate power windows or other controls, or even make the vehicle move, which could result in serious bodily injury or even death. Never leave the keys in your vehicle with unsupervised children.

Door Lock



Using the door handle button

1. Carry the smart key.
2. Close all doors, engine hood and tailgate.
3. Press the button of the outside door handle.
4. The hazard warning lights will blink and the chime will sound once.
5. Make sure that doors are locked by pulling the outside door handle.

✻ NOTICE

- **The button will only operate when the smart key is within 0.7~1m (28~40in.) from the outside door handle.**
- **Even though you press the outside door handle button, the doors will not lock and the chime will sound for 3 seconds if any of following occur:**
  - **The smart key is in the vehicle.**
  - **The engine start/stop button is in ACC or ON position.**
  - **Any door except the tailgate is open.**

Using the button on the smart key

1 Close all doors, engine hood and tailgate.
2. Press the lock button(1).
3. The hazard warning lights will blink and the chime will sound once.
4. Make sure that doors are locked by pulling the outside door handle.

Unlocking

Using the door handle button

1. Carry the smart key.
2. Press the button of the driver's outside door handle.
3. The driver's door will unlock. The hazard warning lights will blink and the chime will sound two times.
4. Press the button twice within 4 seconds and all doors and the tailgate will unlock and the hazard warning lights will blink and the chime will sound two times.

❈ If you press the button of the front passenger's outside door handle while carrying the smart key, all doors will unlock.

✻ NOTICE

- **The button will only operate when the smart key is within 0.7~1m (28~40in.) from the outside door handle.**
- **When the smart key is recognized in the area of 0.7~1m (28~40in.) from the front outside door handle, other people can also open the doors.**
- **After unlocking the driver's door or all doors, the door(s) will lock automatically unless the door is opened.**

Using the button on the smart key

1. Press the unlock button(2) of the smart key.
2. The driver's door will unlock. The hazard warning lights will blink and the chime will sound two times.
3. Press the unlock button(2) twice within 4 seconds and all doors and the tailgate will unlock. The hazard warning lights will blink and the chime will sound two times.

✻ NOTICE

After pressing the button, the doors will lock automatically unless any door is opened within 30 seconds.

✻ NOTICE

You can activate or deactivate the Two Turn Unlock function. Refer to "User settings" in this section.

Tailgate unlocking

Using the tailgate handle button

1. Carry the smart key.
2. Press the tailgate handle button.
3. When all doors are locked, the hazard warning lights will blink two times.

   Once the tailgate is opened and then closed, the tailgate will lock automatically.

✻ NOTICE

The button will only operate when the smart key is within 0.7~1m (28~40in.) from the tailgate handle.

Using the button on the smart key

1. Press the tailgate unlock button(3) for more than 1 second.
2. When all doors are locked, the hazard warning lights will blink two times.

Panic

1. Press the panic button(4) for more than 1 second.
2. The horn sounds and hazard warning light flash for about 30 seconds.

✻ NOTICE

To stop the horn and lights, press any button on the smart key.

Start-up

You can start the engine without inserting the key. For detailed information refer to the “Engine start/stop button” in section 5.

Loss of the smart key

A maximum of 2 smart keys can be registered to a single vehicle.

If you happen to lose your smart key, you will not be able to start the engine. You should immediately take the vehicle and remaining key to your authorized HYUNDAI dealer(tow the vehicle, if necessary) to protect it from potential theft.

Smart key precautions

- The smart key will not work if any of the following occur:
  - The smart key is close to a radio transmitter such as a radio station or an airport which can interfere with normal operation of the smart key.
  - The smart key is near a mobile two way radio system or a cellular phone.
  - Another vehicle's smart key is being operated close to your vehicle.
- When the smart key does not work correctly, open and close the door with the mechanical key and contact an authorized HYUNDAI dealer.
- If the smart key is in close proximity to your cell phone or smart phone, the signal from the smart key could be blocked by normal operation of your cell phone or smart phone. This is especially important when the phone is active such as making a call, receiving calls, text messaging, and/or sending/receiving emails. Avoid placing the smart key and your cell phone or smart phone in the same pants or jacket pocket and maintain adequate distance between the two devices.

⚠ CAUTION

Keep the smart key away from water or any liquid. If the keyless entry system is inoperative due to exposure to water or other liquids, it will not be covered by your manufacturer's vehicle warranty.

Smart key immobilizer system

Your vehicle is equipped with an electronic engine immobilizer system to reduce the risk of unauthorized vehicle use.

Your immobilizer system is comprised of a small transponder in the smart key and electronic devices inside the vehicle.

With the immobilizer system, whenever you turn the engine start/stop button to the ON position by pressing the button while carrying the smart key, it checks and determines and verifies if the smart key is valid or not.

If the key is determined to be valid, the engine will start.

If the key is determined to be invalid, the engine will not start.

To deactivate the immobilizer system:

Turn the engine start/stop button to the ON position by pressing the button while carrying the smart key.

To activate the immobilizer system:

Turn the engine start/stop button to the OFF position. The immobilizer system activates automatically. Without a valid smart key for your vehicle, the engine will not start.

⚠ CAUTION

In order to prevent theft of your vehicle, do not leave spare keys anywhere in your vehicle. Your Immobilizer password is a customer unique password and should be kept confidential. Do not leave this number anywhere in your vehicle.

✻ NOTICE

When starting the engine, do not use the key with other immobilizer keys around. Otherwise the engine may not start or may stop soon after it starts. Keep each key separate in order to avoid a starting malfunction.

⚠ CAUTION

Do not put metal accessories near the smart key.

The engine may not start because the metal accessories may interrupt the transponder signal from transmitting normally.

✻ NOTICE

If you need additional keys or lose your keys, contact an authorized HYUNDAI dealer.

⚠ CAUTION

The transponder in your smart key is an important part of the immobilizer system. It is designed to give years of trouble-free service, however you should avoid exposure to moisture, static electricity and rough handling. Immobilizer system malfunction could occur.

⚠ CAUTION

Do not change, alter or adjust the immobilizer system because it could cause the immobilizer system to malfunction and should only be serviced by an authorized HYUNDAI dealer.

Malfunctions caused by improper alterations, adjustments or modifications to the immobilizer system are not covered by your vehicle manufacturer warranty.

This device complies with Industry Canada Standard RSS-210.

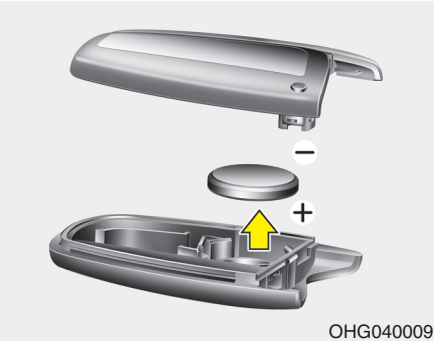
Operation is subject to the following two conditions:

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 expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. If the keyless entry system is inoperative due to changes or modifications not expressly approved by the party responsible for compliance, it will not be covered by your manufacturer's vehicle warranty.

Battery replacement



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A smart key battery should last for several years, but if the smart key is not working properly, try replacing the battery with a new one. If you are unsure how to use your smart key or replace the battery, contact an authorized HYUNDAI dealer.

1. Remove the mechanical key.
2. Pry open the rear cover.
3. Replace the battery with a new battery (CR2032). When replacing the battery, make sure the battery position.
4. Install the battery in the reverse order of removal.

- The smart key is designed to give you years of trouble-free use, however it can malfunction if exposed to moisture or static electricity. If you are unsure how to use or replace the battery, contact an authorized HYUNDAI dealer.
- Using the wrong battery can cause the smart key to malfunction. Be sure to use the correct battery.
- To avoid damaging the smart key, don't drop it, get it wet, or expose it to heat or sunlight.
-  An inappropriately disposed battery can be harmful to the environment and human health. Dispose the battery according to your local law(s) or regulation.

⚠ CAUTION - Smart key damage

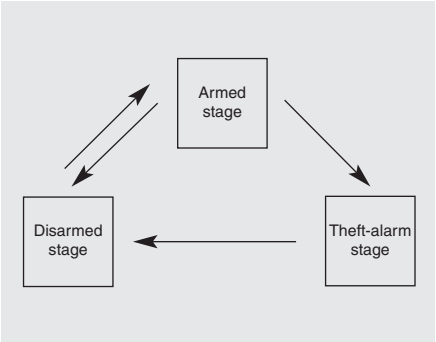
Do not drop, get wet or expose the smart key to heat or sunlight, or it will be damaged.

⚠ IC WARNING

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

THEFT-ALARM SYSTEM (IF EQUIPPED)



This system is designed to provide protection from unauthorized entry into the vehicle. This system is operated in three stages: the first is the "Armed" stage, the second is the "Theft-alarm" stage, and the third is the "Disarmed" stage. If triggered, the system provides an audible alarm with blinking of the hazard warning lights.

Armed stage

Using the smart key (if equipped)

Park the vehicle and stop the engine. Arm the system as described below.

1. Turn off the engine.
2. Make sure that all doors, the engine hood and tailgate lid are closed and latched.
3. • Lock the doors by pressing the button of the front outside door handle with the smart key in your possession.

After completion of the steps above, the hazard warning lights and chime will operate once to indicate that the system is armed.

If any door remains open, the doors won't lock and the chime will sound for 3 seconds. Close the door and try again to lock the doors.

If tailgate lid or engine hood remains open, the hazard warning lights and chime won't operate and theft-alarm will not arm. After you close the tailgate and engine hood, the hazard warning lights blink once.

• Lock the doors by pressing the lock button on the smart key.

After completion of the steps above, the hazard warning lights and chime will operate once to indicate that the system is armed.

If any door, tailgate or engine hood remains open, the hazard warning lights and chime won't operate and theft-alarm will not arm. After you close the tailgate and engine hood, the hazard warning lights blink once.

Using the transmitter (if equipped)

Park the vehicle and stop the engine. Arm the system as described below.

1. Turn off the engine and remove the ignition key from the ignition switch.
2. Make sure that all doors, the engine hood and tailgate are closed and latched.
3. Lock the doors by pressing the lock button on the transmitter.

After completion of the steps above, the hazard warning lights will blink once to indicate that the system is armed.

If any door, tailgate or engine hood remains open, the hazard warning lights won't operate and theft-alarm will not arm. After you close all doors, tailgate and engine hood, the hazard warning lights blink once.

Using the mechanical key

Park the vehicle and stop the engine. Arm the system as described below.

1. Turn off the engine and remove the key from the ignition switch(if equipped).
2. Make sure that all doors, the engine hood and tailgate are closed and latched.
3. Lock the doors by inserting the key into the key hole on the front outside door handle and turning the key toward the rear of the vehicle.

If any door, tailgate or engine hood remains open, the theft-alarm will not arm.

✻ NOTICE

If you lock or unlock the doors by using the mechanical key, the hazard warning light won't operate.

Do not arm the system until all passengers have left the vehicle. If the system is armed while a passenger(s) remains in the vehicle, the alarm may be activated when the remaining passenger(s) leave the vehicle. If any door (or trunk) or engine hood is opened within 30 seconds after the system enters the armed stage, the system is disarmed to prevent an unnecessary alarm.

Theft-alarm stage

The alarm will be activated if any of the following occurs while the system is armed.

- A door is opened without using the transmitter, smart key or mechanical key.
- The tailgate is opened without using the transmitter, smart key.
- The engine hood is opened.

The horn will sound and the hazard warning lights will blink continuously for approximately 30 seconds. The alarm will repeat once more unless the system is disarmed. To turn off the system, unlock the doors with the mechanical key or transmitter or smart key.

Disarmed stage

Using the smart key (if equipped)

The system will be disarmed when the doors are unlocked by pressing the unlock button on the smart key or pressing the lock/unlock button of the front outside door handle with the smart key in your possession.

After unlocking the doors, the hazard warning lights and chime will operate twice to indicate that the system is disarmed.

After unlocking the doors, if any door is not opened within 30 seconds, the system will be rearmed.

Using the transmitter (if equipped)

The system will be disarmed when the doors are unlocked by pressing the unlock button on the transmitter.

After unlocking the doors, the hazard warning lights will blink twice to indicate that the system is disarmed.

After unlocking the doors, if any door is not opened within 30 seconds, the system will be rearmed.

Using the mechanical key

The system will be disarmed when the doors are unlocked with the mechanical key.

✻ NOTICE

If you lock or unlock the doors by using the mechanical key, the hazard warning light and chime sound won't operate.

✻ NOTICE

- **Avoid trying to start the engine while the alarm is activated. The vehicle starting motor is disabled during the theft-alarm stage.**
- **If you lose your keys, contact your authorized HYUNDAI dealer.**

⚠ CAUTION

Do not change, alter or adjust the theft-alarm system because it could cause the theft-alarm system to malfunction and should only be serviced by an authorized Hyundai dealer.

Malfunctions caused by improper alterations, adjustments or modifications to the theft-alarm system are not covered by your vehicle manufacturer warranty.

DOOR LOCKS

Operating door locks from outside the vehicle

Using the folding key (if equipped)



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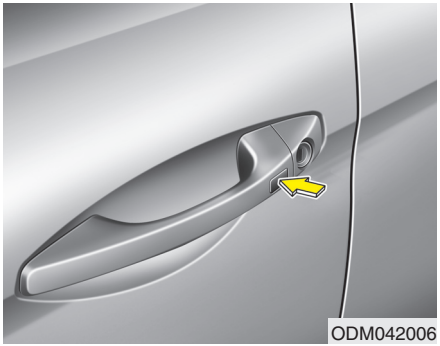
- Doors can be locked and unlocked pressing the lock button(1) and unlock button(2) on the folding key.

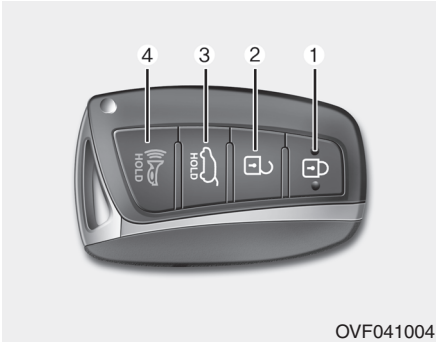
Once the doors are unlocked, they may be opened by pulling the door handle. When closing the door, push the door by hand. Make sure that doors are closed securely.

For more detailed information, refer to "Folding key" in this section.

Using the smart key (if equipped)


ODM042006

- Doors can be locked and unlocked pressing the button of the outside door handle with the smart key in your possession.



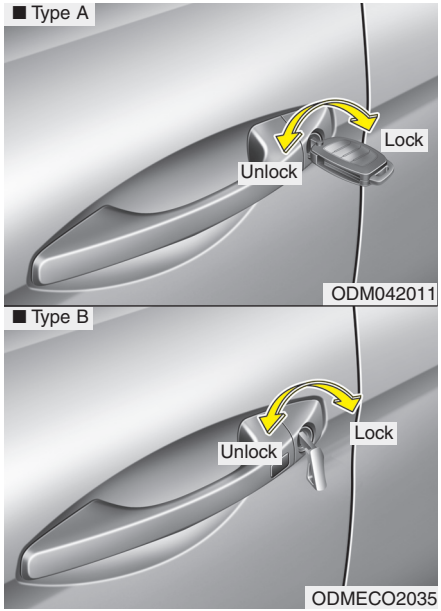
OVF041004

- Doors can be locked and unlocked pressing the lock button(1) and unlock button(2) on the smart key.

Once the doors are unlocked, they may be opened by pulling the door handle. When closing the door, push the door by hand. Make sure that doors are closed securely.

For more detailed information, refer to “Smart key” in this section.

Using the mechanical key in an emergency situation



If the smart key or folding key does not operate normally, you can lock or unlock the doors as follows:

1. Unfold the folding key or remove the mechanical key from the smart key.
2. Insert the key into the hole of the outside door handle. Turn the key toward the front of the vehicle to unlock and toward the rear of the vehicle to lock.

✻ NOTICE

- **In cold and wet climates, door locks and door mechanisms may not work properly due to freezing conditions.**
- **If the door is locked/unlocked multiple times in rapid succession with either the vehicle key or door lock switch, the system may stop operating temporarily in order to protect the circuit and prevent damage to system components.**

✻ NOTICE

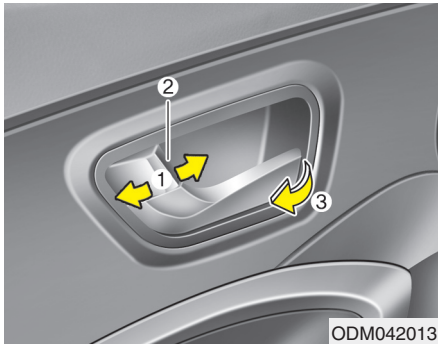
You can activate or deactivate the Tow Turn Unlock function. Refer to "User Settings" in this section.

⚠ WARNING

- **If you don't close the door securely, the door may open again.**
- **Be careful that someone's body and hands are not trapped when closing the door.**

Operating door locks from inside the vehicle

With the door lock button

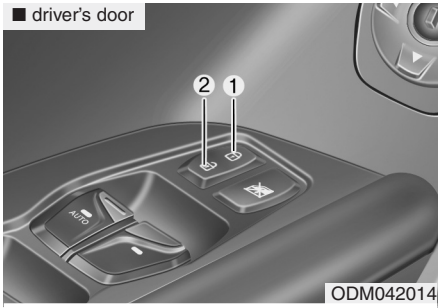


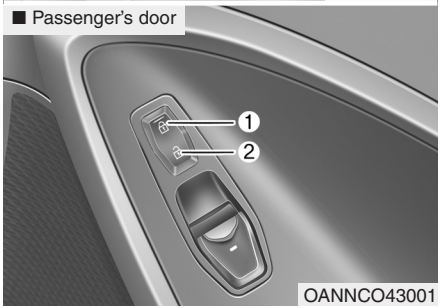
- To unlock a door, push the door lock button(1) to the “Unlock” position. The red mark (2) on the button will be visible.
- To lock a door, push the door lock button(1) to the “Lock” position. If the door is locked properly, the red mark (2) on the button will not be visible.
- To open a door, pull the door handle (3) outward.
- If the inner door handle on either front door is pulled when the door lock button is in the locked position, the door will unlock and open.
- The front door cannot be locked if the ignition key is in the ignition switch and the door is open.
- The door cannot be locked if the smart key is in the vehicle and any door is open.

If a power door lock ever fails to function while you are in the vehicle, try one or more of the following:

- Operate the door unlock feature repeatedly (both electronic and manual) while simultaneously pulling on the door handle.
- Operate the other door locks and handles, front and rear.
- Lower a front window and use the key to unlock the door from outside.

With central door lock switch (if equipped)





Operate by depressing the central door lock switch.

- When pushing down the lock switch (1), all vehicle doors will lock.

- When pushing down the lock release switch (2), all vehicle doors will unlock.
- If the key is in the ignition switch and front door is open, the doors will not lock even though the central door lock switch (1) is pressed.
- If the smart key is in the vehicle and any door is open, the doors will not lock even though the central door lock switch (1) is pressed.

⚠ WARNING - Doors

- **The doors should always be fully closed and locked while the vehicle is in motion to prevent accidental opening of the door. Locked doors will also discourage potential intruders when the vehicle stops or slows.**
- **Be careful when opening doors and watch for vehicles, motorcycles, bicycles or pedestrians approaching the vehicle in the path of the door. Opening a door when something is approaching can cause damage or injury.**

⚠ WARNING - Unlocked vehicles

Leaving your vehicle unlocked can invite theft or possible harm to you or others from someone hiding in your vehicle while you are gone. Always remove the ignition key, engage the parking brake, close all windows and lock all doors when leaving your vehicle unattended.

⚠ WARNING - Unattended children

An enclosed vehicle can become extremely hot, causing death or severe injury to unattended children or animals who cannot escape the vehicle. Furthermore, children might operate features of the vehicle that could injure them, or they could encounter other harm, possibly from someone gaining entry to the vehicle. Never leave children or animals unattended in your vehicle.

Impact sensing door unlock system

All doors will be automatically unlocked when the impact is delivered to impact sensors while the ignition switch is ON.

However, the doors may not be unlocked if mechanical problems occur with the door lock system or battery.

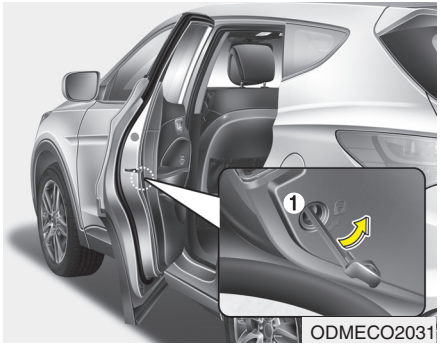
✻ NOTICE

You can select some auto door lock/unlock features in "User Settings" as follows;

- **Speed sensing auto door lock**
- **Auto door unlock when the ignition key is removed from the ignition switch or engine is turned off.**
- **Auto door lock/unlock by shifting the shift lever out of P(Park) or into P(Park).**

For more information, refer to "User Settings" in this section.

Child-protector rear door lock



The child safety lock is provided to help prevent children from accidentally opening the rear doors from inside the vehicle. The rear door safety locks should be used whenever children are in the vehicle.

1. Open the rear door.
2. Insert a key (or screwdriver) into the hole (1) and turn it to the lock (🔒) position. When the child safety lock is in the lock position, the rear door will not open even when the inner door handle is pulled.
3. Close the rear door.

To open the rear door, pull the outside door handle.

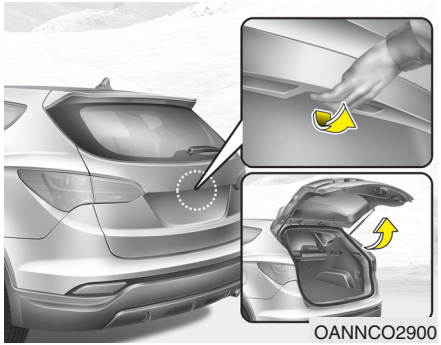
Even though the doors are unlocked, the rear door will not open by pulling the inner door handle until the rear door child safety lock is unlocked.

⚠ WARNING - Rear door locks

If children accidentally open the rear doors while the vehicle is in motion, they could fall out of the vehicle, resulting in severe injury or death. To prevent children from opening the rear doors from the inside, the rear door safety locks should be used whenever children are in the vehicle.

TAILGATE

Opening the tailgate


OANNCO2900

- The tailgate is locked or unlocked when all doors are locked or unlocked with the key, transmitter, smart key or central door lock switch.
- If unlocked, the tailgate can be opened by pressing the handle switch and pulling the handle up.
- Only the tailgate is unlocked if the tailgate unlock button on the transmitter or smart key is pressed for about 1 second, or the tailgate handle button is pressed when the smart key is detected.

✻ NOTICE

In cold and wet climates, door lock and door mechanisms may not work properly due to freezing conditions.

⚠ WARNING

The tailgate swings upward. Make sure no objects or people are near the rear of the vehicle when opening the tailgate.

⚠ CAUTION

Make certain that you close the tailgate before driving your vehicle. Possible damage may occur to the tailgate lift cylinders and attached hardware if the tailgate is not closed prior to driving.

Closing the tailgate


OANNCO43003

To close the tailgate, lower and push down the tailgate firmly. Make sure that the tailgate is securely latched.

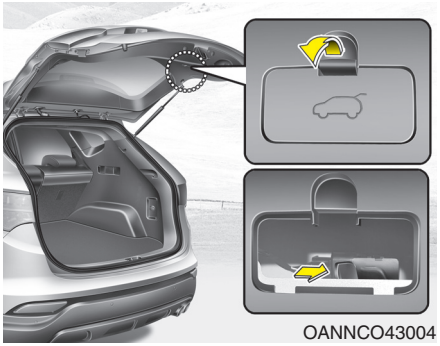
⚠ WARNING - Exhaust fumes

If you drive with the tailgate open, you will draw dangerous exhaust fumes into your vehicle which can cause serious injury or death to vehicle occupants. If you must drive with the tailgate open, keep the air vents and all windows open so that additional outside air comes into the vehicle.

⚠ WARNING - Rear cargo area

Occupants should never ride in the rear cargo area where no restraints are available. To avoid injury in the event of an accident or sudden stops, occupants should always be properly restrained.

Emergency tailgate safety release



OANNCO43004

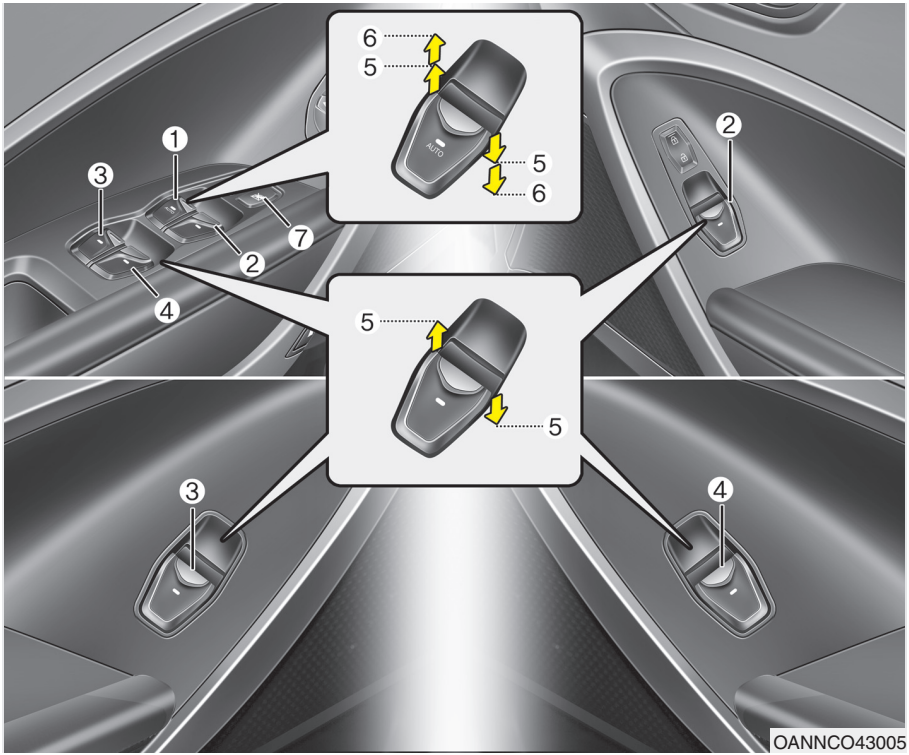
Your vehicle is equipped with the emergency tailgate safety release lever located on the bottom of the tailgate. When someone is inadvertently locked in the luggage compartment, the tailgate can be opened by doing as follows:

1. Remove the cover.
2. Push the release lever to the right.
3. Push up the tailgate.

⚠ WARNING

- **For emergencies, be fully aware of the location of the emergency tailgate safety release lever in this vehicle and how to open the tailgate if you are accidentally locked in the luggage compartment.**
- **No one should be allowed to occupy the luggage compartment of the vehicle at any time. The luggage compartment is a very dangerous location in the event of a crash.**
- **Use the release lever for emergencies only. Use extreme caution, especially while the vehicle is in motion.**

WINDOWS



(1) Driver's door power window switch
(2) Front passenger's door power window switch
(3) Rear door (left) power window switch
(4) Rear door (right) power window switch
(5) Window opening and closing
(6) Automatic power window up/down (if equipped)
(7) Power window lock switch

✻ NOTICE

In cold and wet climates, power windows may not work properly due to freezing conditions.

Power windows

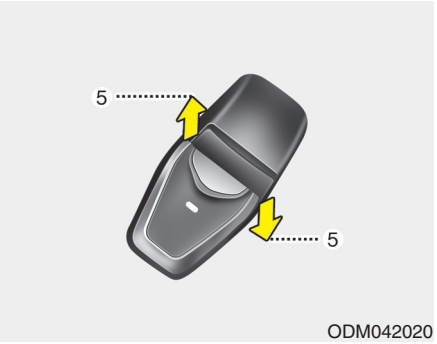
The ignition switch must be in the ON position for power windows to operate.

Each door has a power window switch that controls that door's window. The driver has a power window lock switch which can block the operation of passenger windows. The driver's door has a master power window switch that controls all the windows in the vehicle. The power windows can be operated for approximately 30 seconds after the ignition key is removed or turned to the ACC or LOCK position. However, if the front doors open, the power windows cannot be operated within the 30 second period.

✻ NOTICE

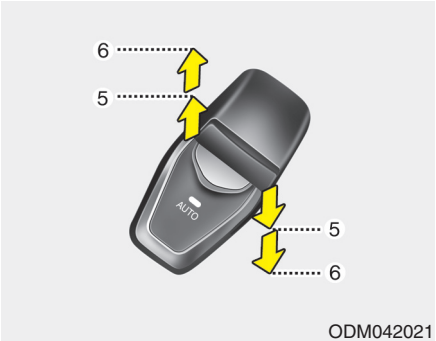
While driving with the rear windows down or with the sunroof (if equipped) in an open (or partially open) position, your vehicle may demonstrate a wind buffeting or pulsation noise. This noise is a normal occurrence and can be reduced or eliminated by taking the following actions. If the noise occurs with one or both of the rear windows down, partially lower both front windows approximately one inch. If you experience the noise with the sunroof open, slightly reduce the size of the sunroof opening.

Window opening and closing



To open or close a window, press down or pull up the front portion of the corresponding switch to the first detent position (5).

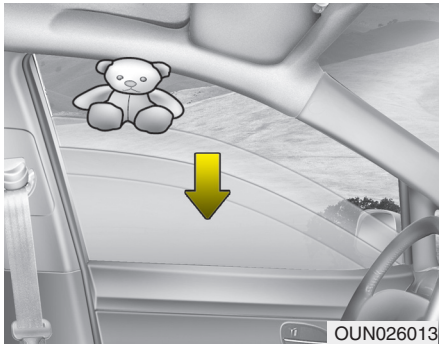
Auto up/down window (if equipped) (driver's window)



Pressing down or pulling up the power window switch momentarily to the second detent position (6) completely lowers or lifts the window even when the switch is released. To stop the window at the desired position while the window is in operation, momentarily pull or push the switch in the direction opposite of the window's movement.

If the power window is not operated correctly, the automatic power window system must be reset as follows:

1. Turn the ignition switch to the ON position.
2. Close driver's windows and continue pulling up on the power window switch for at least 1 second after the window is completely closed.



Automatic reversal

If the upward movement of the window is blocked by an object or part of the body, the window will detect the resistance and will stop upward movement. The window will then lower approximately 30 cm (11.8 in.) to allow the object to be cleared.

If the window detects the resistance while the power window switch is pulled up continuously, the window will stop upward movement then lower approximately 2.5 cm (1 in.). If the power window switch is pulled up continuously again within 5 seconds after the window is lowered by the automatic window reversal feature, the automatic window reversal will not operate.

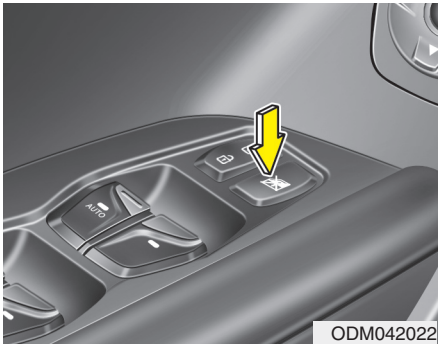
✻ NOTICE

The automatic reverse feature for the driver's window is only active when the "auto up" feature is used by fully pulling up the switch. The automatic reverse feature will not operate if the window is raised using the halfway position on the power window switch.

⚠ WARNING

Always check for obstructions before raising any window to avoid injuries or vehicle damage. If an object less than 4 mm (0.16 in.) in diameter is caught between the window glass and the upper window channel, the automatic reverse window may not detect the resistance and will not stop and reverse direction.

Power window lock button



- The driver can disable the power window switches on the rear passenger doors by pressing the power window lock button on the driver's door to the LOCK position (pressed).
- Even though the power window lock button is in the LOCK position (pressed), the driver's master control can operate all power windows.

⚠ CAUTION

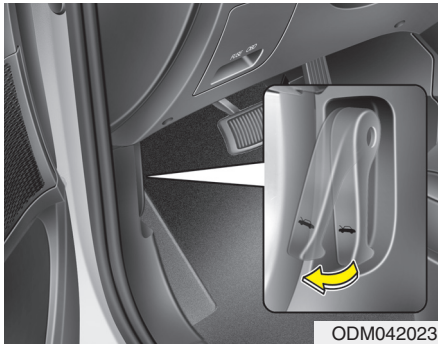
- *To prevent possible damage to the power window system, do not open or close two windows or more at the same time. This will also ensure the longevity of the fuse.*
- *Never try to operate the main switch on the driver's door and the individual door window switch in opposing directions at the same time. If this is done, the window will stop and cannot be opened or closed.*

⚠ WARNING - Windows

- **NEVER leave the ignition key (or smart key) in the vehicle.**
- **NEVER leave any child unattended in the vehicle. Even very young children may inadvertently cause the vehicle to move, entangle themselves in the windows, or otherwise injure themselves or others.**
- **Always double check to make sure all arms, hands, head and other obstructions are safely out of the way before closing a window.**
- **Do not allow children to play with the power windows. Keep the driver's door power window lock switch in the LOCK position (depressed). Serious injury can result from unintentional window operation by the child.**
- **Do not extend any head or arms outside through the window opening while driving.**

HOOD

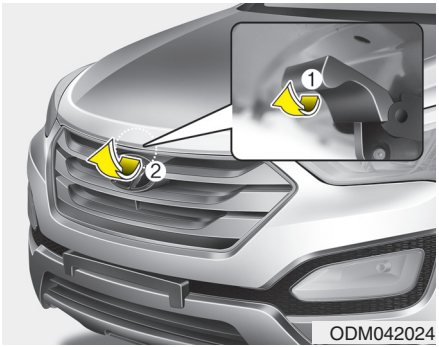
Opening the hood


ODM042023

1. Pull the release lever to unlatch the hood. The hood should pop open slightly.

⚠ WARNING

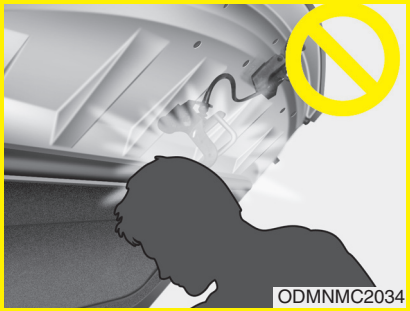
Open the hood after turning off the engine on a flat surface, shifting the shift lever to the P(Park) position, and setting the parking brake.



ODM042024

2. Go to the front of the vehicle, raise the hood slightly, pull the secondary latch (1) inside of the hood up and lift the hood (2).
3. Raise the hood. It will raise completely by itself after it has been raised about halfway.

⚠ WARNING


ODMNMC2034

When you check the engine compartment, please make sure your head is not injured by the hood safety hook which is located inside of the hood.

Closing the hood

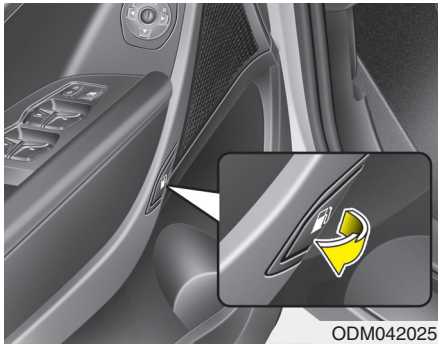
1. Before closing the hood, check the following:
   - All filler caps in engine compartment must be correctly installed.
   - Gloves, rags or any other combustible material must be removed from the engine compartment.
2. Lower the hood halfway and push down to securely lock in place.

⚠ WARNING

- **Before closing the hood, ensure that all obstructions are removed from the hood opening. Closing the hood with an obstruction present in the hood opening may result in property damage or severe personal injury.**
- **Do not leave gloves, rags or any other combustible material in the engine compartment. Doing so may cause a heat-induced fire.**
- **Always double check to be sure that the hood is firmly latched before driving away. If it is not latched, the hood could open while the vehicle is being driven, causing a total loss of visibility, which might result in an accident.**
- **Do not move the vehicle with the hood in the raised position, as vision is obstructed and the hood could fall or be damaged.**

FUEL FILLER LID

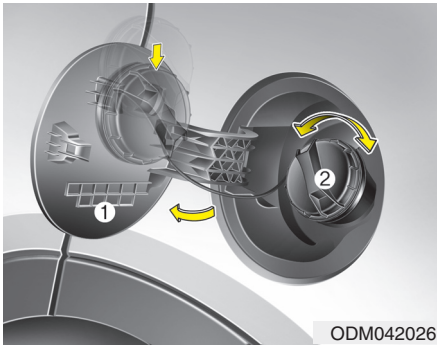
Opening the fuel filler lid



The fuel filler lid must be opened from inside the vehicle by pulling the fuel filler lid opener lever located on the driver's door.

✻ NOTICE

If the fuel filler lid will not open because ice has formed around it, tap lightly or push on the lid to break the ice and release the lid. Do not pry on the lid. If necessary, spray around the lid with an approved de-icer fluid (do not use radiator anti-freeze) or move the vehicle to a warm place and allow the ice to melt.



1. Stop the engine.
2. Pull the fuel filler lid opener lever, then the fuel filler lid will pop up.
3. Pull the fuel filler lid (1) out to fully open.
4. To remove the cap, turn the fuel tank cap (2) counterclockwise.
5. Refuel as needed.

Closing the fuel filler lid

1. To install the cap, turn it clockwise until it "clicks" one time. This indicates that the cap is securely tightened.
2. Close the fuel filler lid and push it in lightly making sure that it is securely closed.

⚠ WARNING - Refueling

- If pressurized fuel sprays out, it can cover your clothes or skin and thus subject you to the risk of fire and burns. Always remove the fuel cap carefully and slowly. If the cap is venting fuel or if you hear a hissing sound, wait until the condition stops before completely removing the cap.
- Do not "top off" after the nozzle automatically shuts off when refueling.
- Tighten the cap until it clicks one time, otherwise the Malfunction Indicator Light will illuminate.
- Always check that the fuel cap is installed securely to prevent fuel spillage in the event of an accident.

⚠ WARNING - Refueling dangers

Automotive fuels are flammable materials. When refueling, please note the following guidelines carefully. Failure to follow these guidelines may result in severe personal injury, severe burns or death by fire or explosion.

- Read and follow all warnings posted at the gas station facility.
- Before refueling, note the location of the Emergency Gasoline Shut-Off, if available, at the gas station facility.
- Before touching the fuel nozzle, you should eliminate potentially dangerous static electricity discharge by touching another metal part of the vehicle, a safe distance away from the fuel filler neck, nozzle, or other gas source.

(Continued)

(Continued)

- Do not get back into a vehicle once you have begun refueling since you can generate static electricity by touching, rubbing or sliding against any item or fabric (polyester, satin, nylon, etc.) capable of producing static electricity. Static electricity discharge can ignite fuel vapors resulting in rapid burning. If you must re-enter the vehicle, you should once again eliminate potentially dangerous static electricity discharge by touching a metal part of the vehicle, away from the fuel filler neck, nozzle or other gasoline source.

(Continued)

(Continued)

- **When using an approved portable fuel container, be sure to place the container on the ground prior to refueling. Static electricity discharge from the container can ignite fuel vapors causing a fire. Once refueling has begun, contact with the vehicle should be maintained until the filling is complete.**

  Use only approved portable plastic fuel containers designed to carry and store gasoline.
- **Do not use cellular phones while refueling. Electric current and/or electronic interference from cellular phones can potentially ignite fuel vapors causing a fire.**

(Continued)

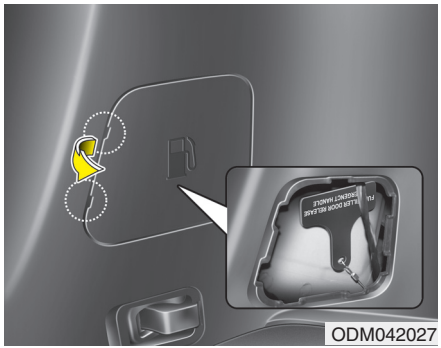
(Continued)

- **When refueling, always shut the engine off. Sparks produced by electrical components related to the engine can ignite fuel vapors causing a fire. Once refueling is complete, check to make sure the filler cap and filler door are securely closed, before starting the engine.**
- **DO NOT use matches or a lighter and DO NOT SMOKE or leave a lit cigarette in your vehicle while at a gas station especially during refueling. Automotive fuel is highly flammable and can, when ignited, result in fire.**
- **If a fire breaks out during refueling, leave the vicinity of the vehicle, and immediately contact the manager of the gas station and then contact the local fire department follow any safety instructions they provide.**

⚠ CAUTION

- ***Make sure to refuel your vehicle according to the "Fuel requirements" suggested in section 1.***
- ***If the fuel filler cap requires replacement, use only a genuine HYUNDAI cap or the equivalent specified for your vehicle. An incorrect fuel filler cap can result in a serious malfunction of the fuel system or emission control system.***
- ***Do not spill fuel on the exterior surfaces of the vehicle. Any type of fuel spilled on painted surfaces may damage the paint.***
- ***After refueling, make sure the fuel cap is installed securely to prevent fuel spillage in the event of an accident.***

Emergency fuel filer door release

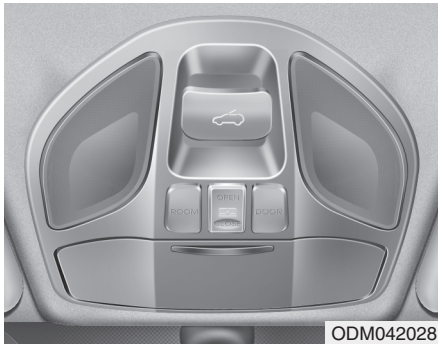


If the fuel filler door does not open using the remote fuel filler door release, you can open it manually. Unsnap and remove the panel in the cargo area. Pull the handle outward slightly.

⚠ CAUTION

Do not pull the handle excessively, otherwise the luggage area trim or release handle may be damaged.

PANORAMIC SUNROOF (IF EQUIPPED)



ODM042028

If your vehicle is equipped with a sunroof, you can slide or tilt your sunroof with the sunroof control lever located on the overhead console.

The sunroof can only be opened, closed, or tilted when the ignition switch is in the ON position.

- In cold and wet climates, the sunroof may not work properly due to freezing conditions.
- After the vehicle is washed or in a rainstorm, be sure to wipe off any water that is on the sunroof before operating it.

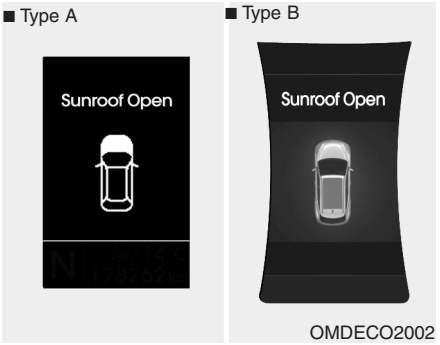
⚠ CAUTION - Sunroof control lever

Do not continue to move the sunroof control lever after the sunroof is fully opened, closed, or tilted. Damage to the motor or system components could occur.

⚠ CAUTION

Make sure the sunroof is fully closed when leaving your vehicle. If the sunroof is opened, rain or snow may leak through the sunroof and wet the interior as well as cause theft.

Sunroof open warning (if equipped)



OMDECO2002

If the driver removes the ignition key (smart key: turns off the engine) and opens the driver-side door when the sunroof is not fully closed, the warning chime will sound for a few seconds and a message "Sunroof Open" will appear on the LCD display.

Close the sunroof securely when leaving your vehicle.

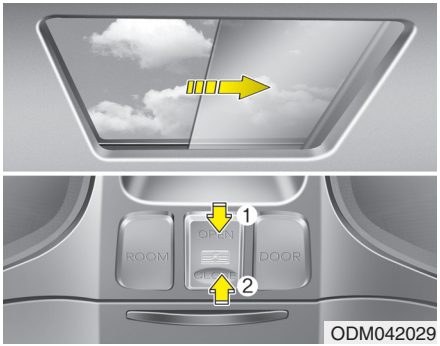
⚠ WARNING

- **Never adjust the sunroof or sunshade while driving. This could result in loss of control and an accident that may cause death, serious injury, or property damage.**
- **If you would like to carry items on the roof using a cross bar, do not operate the sunroof.**
- **When carrying cargo on the roof, do not load heavy items above the sunroof or glass roof.**
- **Do not allow children to operate the sunroof.**

⚠ CAUTION

Do not extend any luggage out side the sunroof while driving.

Sunshade



To open the sunshade

Press the sunshade open button (1).

To close the sunshade when the sunroof glass is closed

- Press the sunshade close button (2).
  ✻ When you press the sunshade close button (2) with the sunroof glass opened, the sunshade will be closed halfway.
- Push the sunroof control lever forward or pull it down.

To stop the sliding at any point, press the sunshade control switch momentarily.

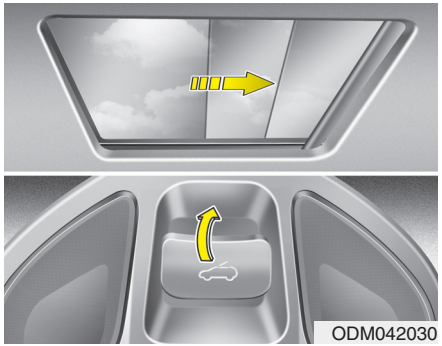
✻ NOTICE

Wrinkles formed on the sunshade as material characteristic are normal.

⚠ CAUTION

- ***Do not pull or push the sunshade by hand. It could cause sunshade failure.***
- ***Close the sunroof when driving through dusty roads. Dust may cause a malfunction of the vehicle system.***

Sliding the sunroof



When the sunshade is closed

If you pull the sunroof control lever backward, the sunshade and sunroof glass will slide all the way open. To stop the sunroof movement at any point, pull or push the sunroof control lever momentarily.

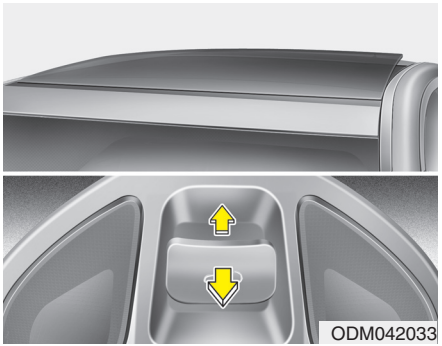
When the sunshade is opened

If you pull the sunroof control lever backward, the sunroof glass will slide all the way open. To stop the sunroof movement at any point, pull or push the sunroof control lever momentarily.

✻ NOTICE

Only the front glass of the panorama sunroof opens and closes.

Tilting the sunroof



When the sunshade is closed

If you push the sunroof control lever upward, the sunshade will slide halfway open then the sunroof glass will tilt.

To stop the sunroof movement at any point, pull or push the sunroof control lever momentarily.

When the sunshade is opened

If you push the sunroof control lever upward, the sunroof glass will tilt.

To stop the sunroof movement at any point, pull or push the sunroof control lever momentarily.

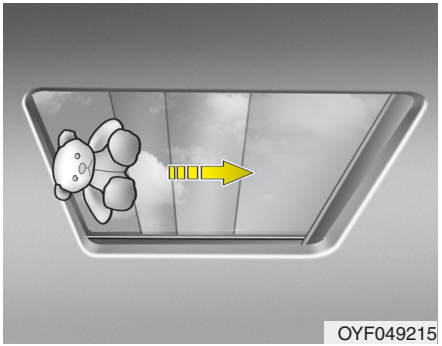
Closing the sunroof

To close the sunroof glass and sunshade

Push the sunroof control lever forward or pull the sunroof control lever down. The sunroof glass and sunshade will close automatically.

To stop the sunroof movement at any point, pull or push the sunroof control lever momentarily.

Automatic reversal



If an object or part of the body is detected while the sunroof glass or sunshade is closing automatically, it will reverse the direction, and then stop.

The auto reverse function does not work if a tiny obstacle is between the sliding glass or sunshade and the sunroof sash. You should always check that all passengers and objects are away from the sunroof before closing it.

Do not extend the face, neck, arms or body outside the sunroof while driving.

⚠ WARNING - Sunroof

- **Be careful that someone's head, hands and body are not trapped by a closing sunroof.**
- **Do not extend the face, neck, arms or body outside through an opened sunroof while driving.**
- **Make sure your hands and face are safely out of the way before closing a sunroof.**
- **A panoramic sunroof is made of glass, therefore it may break in an accident. If you do not have your seat belt on, you may contact the broken glass and get injured or killed. For all passengers safety, have the seat belts on. (ex. seat belt, CRS, etc.)**

⚠ CAUTION

- ***Periodically remove any dirt that may accumulate on the guide rail.***
- ***If you drive with the sunroof opened right after a car wash or rain, water may get inside the vehicle.***

⚠ CAUTION - Sunroof motor damage

If you try to open the sunroof when the temperature is below freezing or when the sunroof is covered with snow or ice, the glass or the motor could be damaged.

Resetting the sunroof

Whenever the vehicle battery is disconnected or discharged, you must reset your sunroof system as follows:

1. Turn the ignition switch to the ON position.
2. Close the sunshade and sunroof completely if opened.
3. Release the sunroof control lever.
4. Push the sunroof control lever forward in the direction of close (about 10 seconds) until the sunroof moves a little. Then, release the lever.
5. Push the sunroof control lever forward in the direction of close, until the sunroof operates as follows again:

   The sunshade and sunroof glass slide open → The sunroof glass slide close → The sunshade close

   Then, release the lever.

When this is complete, the sunroof system has been reset.

✻ NOTICE

If you do not reset the sunroof, it may not work properly.

STEERING WHEEL

Electric power steering (EPS)

The power steering uses a motor to assist you in steering the vehicle. If the engine is off or if the power steering system becomes inoperative, the vehicle may still be steered, but it will require increased steering effort.

The motor driven power steering is controlled by a power steering control unit which senses the steering wheel torque and vehicle speed to command the motor.

The steering becomes heavier as the vehicle's speed increases and becomes lighter as the vehicle's speed decreases for optimum steering control.

Should you notice any change in the effort required to steer during normal vehicle operation, have the power steering checked by an authorized HYUNDAI dealer.

⚠ CAUTION

- ***If the Electric Power Steering System does not operate normally, the warning light will illuminate on the instrument cluster. The steering wheel may become difficult to control or operate abnormally. Take your vehicle to an authorized HYUNDAI dealer and have the vehicle checked as soon as possible.***
- ***When you operate the steering wheel in low temperature, abnormal noise could occur. If temperature rises, the noise will disappear. This is a normal condition.***
- ***When the vehicle is stationary, if you turn the steering wheel all the way to the left or right continuously, the steering wheel becomes heavier from the end. But this is for your safety, not system malfunction. As time passes, the steering wheel return to its normal condition.***

✻ NOTICE

The following symptoms may occur during normal vehicle operation:

- **The EPS warning light does not illuminate.**
- **The steering gets heavy immediately after turning the ignition switch on. This happens as the system performs the EPS system diagnostics. When the diagnostics is completed, the steering wheel will return to its normal condition.**
- **A click noise may be heard from the EPS relay after the ignition switch is turned to the ON or LOCK (OFF) position.**
- **A motor noise may be heard when the vehicle is at a stop or at a low driving speed.**
- **If the Electric Power Steering System does not operate normally, the warning light will illuminate on the instrument cluster. The steering wheel may become difficult to control or operate abnormally. Take your vehicle to an authorized HYUNDAI dealer and have the vehicle checked as soon as possible.**

(Continued)

(Continued)

- **When you operate the steering wheel in low temperature, abnormal noise could occur. If temperature rises, the noise will disappear. This is a normal condition.**
- **When the charging system warning light comes on or the voltage is low (When the alternator (or battery) does not operate normally or it malfunctions), the steering wheel may get heavy and become difficult to control operate abnormally.**

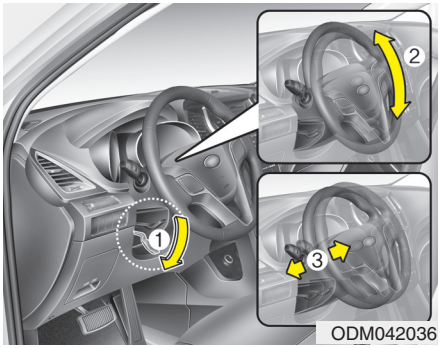
Tilt steering

A tilt steering wheel allows you to adjust the steering wheel before you drive. You can also raise it to give your legs more room when you exit and enter the vehicle (if equipped).

The steering wheel should be positioned so that it is comfortable for you to drive, while permitting you to see the instrument panel warning lights and gauges.

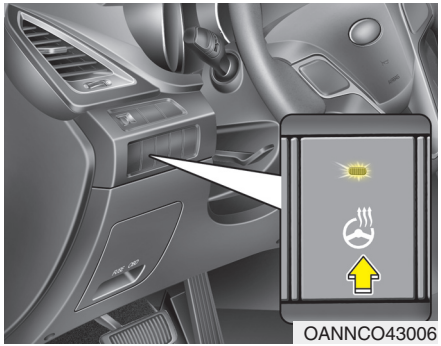
⚠ WARNING - Steering

- **Never adjust the angle and height of steering wheel while driving. You may lose your steering control and cause severe personal injury or accidents.**
- **After adjusting, push the steering wheel both up and down to be certain it is locked in position.**



To change the steering wheel angle, pull down the lock release lever (1), adjust the steering wheel to the desired angle (2) and height (if equipped) (3), then pull up the lock-release lever to lock the steering wheel in place. Be sure to adjust the steering wheel to the desired position before driving.

Heated steering wheel (if equipped)


OANNCO43006

With the ignition switch in the ON position, pressing the heated steering wheel button warms the steering wheel. The indicator on the button will illuminate and notify you on the LCD display.

To turn the heated steering wheel off, press the button once again. The indicator on the button will turn off and notify you on the LCD display.

✻ NOTICE

The heated steering wheel will turn off automatically approximately 30 minutes after the heated steering wheel is turned on.

⚠ CAUTION

Do not install any grip to operate the steering wheel. This causes damage to the heated steering wheel system.

Horn


ODM042038

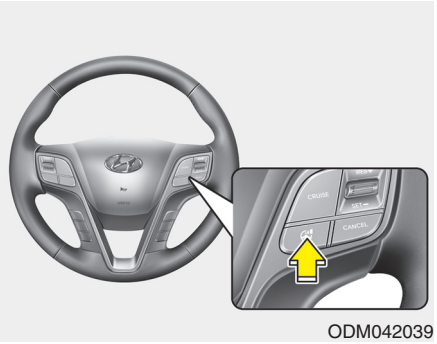
To sound the horn, press the area indicated by the horn symbol on your steering wheel (see illustration). The horn will operate only when this area is pressed.

Check the horn regularly to be sure it operates properly.

⚠ CAUTION

- ***Do not strike the horn severely to operate it, or hit it with your fist. Do not press on the horn with a sharp-pointed object.***
- ***When cleaning the steering wheel, do not use an organic solvent such as thinner, benzene, alcohole and gasoline. Doing so may damage the steering wheel.***

FLEX STEER (if equipped)

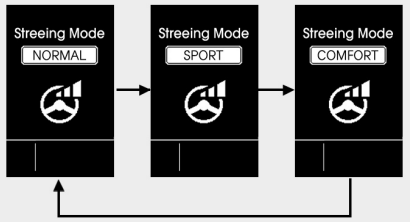


ODM042039

The FLEX STEER controls steering effort as driver's preference or road condition.

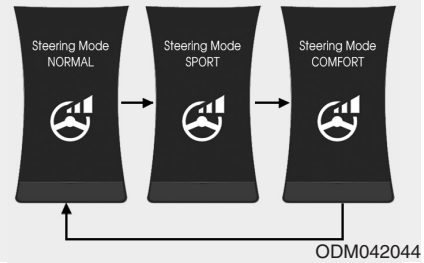
You can select the desired steering mode by pressing the FLEX STEER button.

■ Type A



ODM042040

■ Type B



ODM042044

When the steering mode button is pressed, the selected steering mode will appear on the LCD display.

If the steering mode button is pressed within 4 seconds, the steering mode will change as above pictures.

If the steering wheel mode button is not pressed for about 4 seconds, the LCD display will change to the previous screen.

Normal mode

■ Type A



ODM042041

■ Type B



ODM042045

The normal mode offers medium steering effort.

Comfort mode

■ Type A



ODM042042

■ Type B



ODM042046

The steering wheel becomes lighter. The comfort mode is usually used when driving in downtown or parking the vehicle.

Also, the comfort mode helps weak people to drive easily.

Sport mode

■ Type A



ODM042043

■ Type B



ODM042047

The steering wheel becomes heavier. The sport mode is usually used when driving in highway.

⚠ CAUTION

- ***For your safety, if you press the steering mode button while operating the steering wheel, the LCD display will change, but the steering effort will not change immediately. After operating the steering wheel, the steering effort will change automatically to the selected mode.***
- ***Be careful when changing the steering mode while driving.***
- ***When the electronic power steering is not working properly, the flex steering wheel will not work.***

MIRRORS

Inside rearview mirror

Adjust the rearview mirror so that the center view through the rear window is seen. Make this adjustment before you start driving.

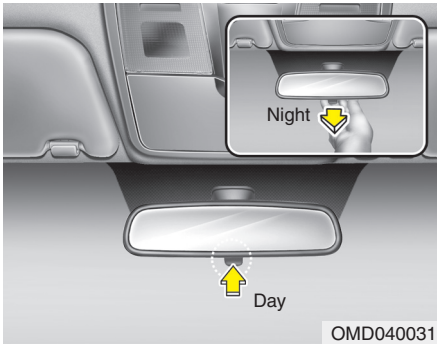
⚠ WARNING - Rear visibility

Do not place objects in the rear seat or cargo area which would interfere with your vision through the rear window.

⚠ WARNING

Do not modify the inside mirror and do not install a wide mirror. It could result in injury, during an accident or deployment of the air bag.

Day/night rearview mirror



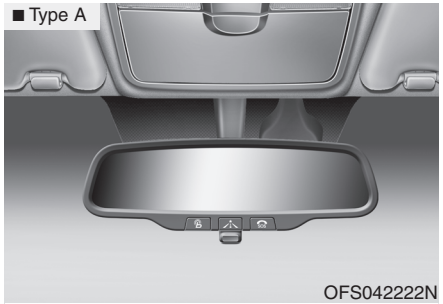
Make this adjustment before you start driving and while the day/night lever is in the day position.

Pull the day/night lever toward you to reduce glare from the headlights of the vehicles behind you during night driving.

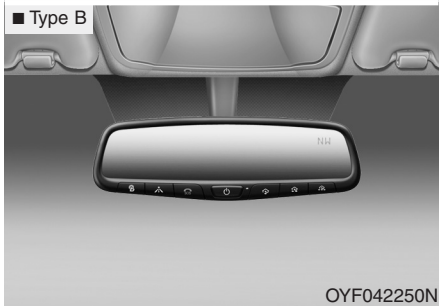
Remember that you lose some rearview clarity in the night position.

Blue Link® center

■ Type A

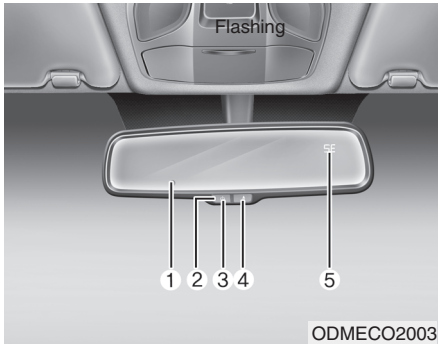


■ Type B



For the details, refer to the Blue Link® Owner's Guide, navigation manual or audio manual. The audio manual is in this section.

Electric chromic mirror (ECM) with compass



1. Rear Light Sensor
2. Status Indicator LED
3. ECM ON/OFF Button
4. Compass Button
5. Display Window

Automatic dimming rear view mirror controls automatically the glare of headlights of the vehicle behind you when it turned on by pressing and holding the button for more than 3 but less than 6 seconds. It is turned off by pressing and holding the button for same time once more.

1. To operate Compass feature

Press and release the button, then the vehicle's directional heading will be displayed. Pressing and releasing the button again will turn off the display.

Heading display
- E : East
- W :West
- S : South
- N : North

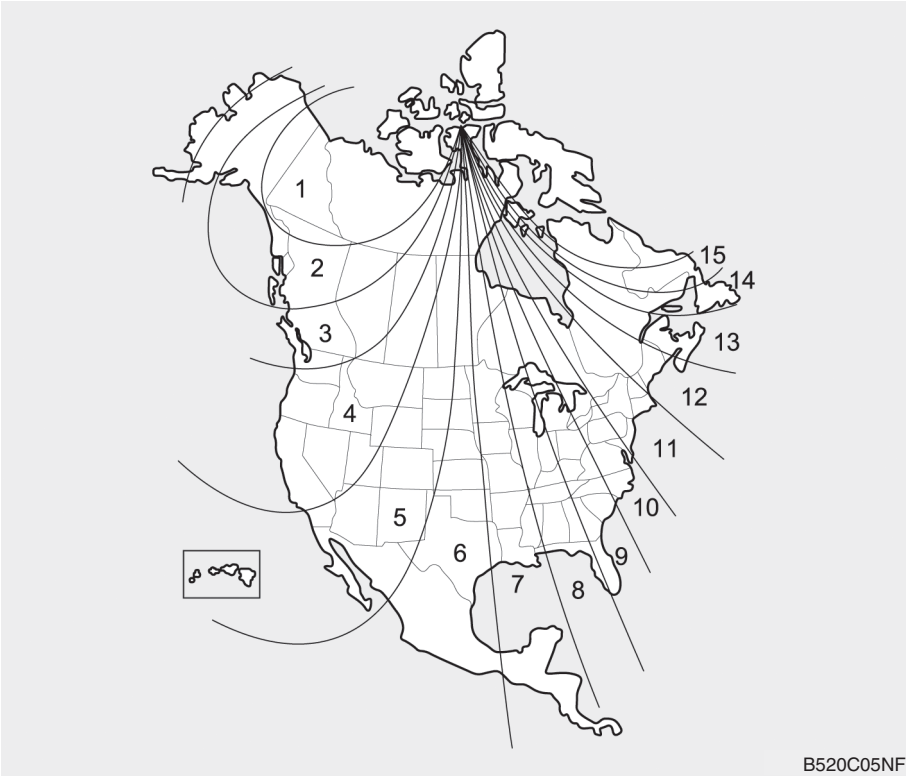
ex) NE : North East

2. Calibration procedure

Press and hold the button for more than 6 but less than 9 seconds.When the compass memory is cleared a "C" will appear in the display.

- Driving the vehicle in a circle at less than 8km/h 2 times or until the compass heading appears.
- Driving in a circle in right-handed direction and opposite direction are possible, and if the calibration is completed, the compass heading will appear.
- Keep driving in a circle until a compass heading appears.

3. Setting the compass zone



1. Find your current location and variance zone number on the zone map.
2. Press and hold the button for more than 3 but less than 6 seconds. The current zone number will appear in the display.
3. Press the button until the new zone number appears in the display. After you stop pressing the button in, the display will show a compases direction within a few seconds.

4. Changing Mirror Angle setting (if equipped):

Due to mirror positions being angled towards the driver, the compass mirror can also compensate for drivers seated on the Left Hand side of the vehicle (steering wheel on the LH side of the vehicle) or Right Hand side of the vehicle (steering wheel on the RH side of the vehicle).

To adjust the Left Hand, "L" or Right Hand, "R", setting:

1. Press and hold the button for more than 12 seconds.
2. Release then press the button to toggle between "L" and "R".

✻ NOTICE

This procedure also causes the compass to be de-calibrated.

3. To re-calibrate the compass, drive the vehicle in 2 complete circles at less than 8km/h (5mph).

⚠ CAUTION

1. Do not install the ski rack,antenna, etc. which are attached to the vehicle by means of a magnet.They affect the operation of the compass.

2. If the compass deviates from the correct indication soon after repeated adjustment, we recommend that you have the compass checked at an authorized HYUNDAI dealer.

3. The compass may not indicate the correct compass point in tunnels or while driving up or down a steep hill. (The compass returns to the correct compass point when the vehicle moves to an area where the geomagnetism is stabilized.)

(Continued)

(Continued)

4. When cleaning the mirror, use a paper towel or similar material dampened with glass cleaner. Do not spray glass cleaner directly on the mirror as that may cause the liquid cleaner to enter the mirror housing.

Electric chromic mirror (ECM) with compass and HomeLink® system (if equipped)

Your vehicle may be equipped with a Gentex Automatic-Dimming Mirror with a Z-Nav™ Electronic Compass Display and an Integrated HomeLink® Wireless Control System.

During nighttime driving, this feature will automatically detect and reduce rearview mirror glare while the compass indicates the direction the vehicle is pointed. The HomeLink® Universal Transceiver allows you to activate your garage door(s), electric gate, home lighting, etc.



OEN046033N

(1) Channel 1 button
(2) Channel 2 button
(3) Status indicator LED
(4) Channel 3 button
(5) Rear light sensor
(6) Dimming ON/OFF button
(7) Compass control button
(8) Compass display

Automatic-Dimming Night Vision Safety™ (NVS®) Mirror

The NVS® Mirror in your vehicle is the most advanced way to reduce annoying glare in the rearview mirror during any driving situation. For more information regarding NVS® mirrors and other applications, please refer to the Gentex website:

www.gentex.com

⚠ CAUTION

The NVS® Mirror automatically reduces glare during driving conditions based upon light levels monitored in front of the vehicle and from the rear of the vehicle. These light sensors are visible through openings in the front and rear of the mirror case. Any object that would obstruct either light sensor will degrade the automatic dimming control feature.

Automatic-dimming function

Your mirror will automatically dim upon detecting glare from the vehicles traveling behind you. The auto-dimming function can be controlled by pushing the ON/OFF Button:

1. Pressing the button turns the auto-dimming function OFF which is indicated by the green Status Indicator LED turning off.
2. Pressing the button again turns the auto-dimming function ON which is indicated by the green Status Indicator LED turning on.

✻ NOTICE

The mirror defaults to the ON position each time the vehicle is started.

Z-Nav™ Compass Display

The NVS™ Mirror in your vehicle is also equipped with a Z-Nav™ Compass that shows the vehicle Compass heading in the Display Window using the 8 basic cardinal headings (N, NE, E, SE, etc.).

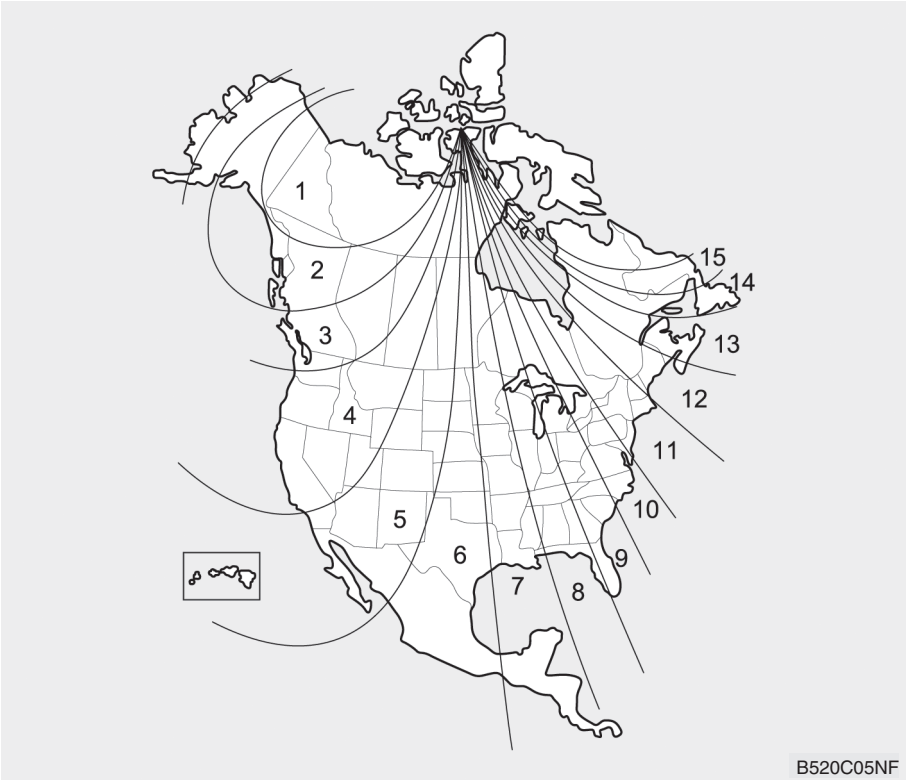
Compass function

The Compass can be turned ON and OFF and will remember the last state when the ignition is cycled. To turn the display feature ON/OFF:

1. Press and release the button to turn the display feature OFF.
2. Press and release the button again to turn the display back ON.

Additional options can be set with press and hold sequences of the button and are detailed below.

There is a difference between magnetic north and true north. The compass in the mirror can compensate for this difference when it knows the Magnetic Zone in which it is operating. This is set either by the dealer or by the user. The operating Zone Numbers for North America are shown in the figure on the following section.



To adjust the Zone setting:

1. Determine the desired Zone Number based upon your current location on the Zone Map.
2. Press and hold the button for more than 3 but less than 6 seconds, the current Zone Number will appear on the display.
3. Pressing and holding the button again will cause the numbers to increment (Note: they will repeat …13, 14, 15, 1, 2, …). Releasing the button when the desired Zone Number appears on the display will set the new Zone.
4. Within about 5 seconds the compass will start displaying a compass heading again.

There are some conditions that can cause changes to the vehicle magnets, such as installing a ski rack or a CB antenna. Body repair work on the vehicle can also cause changes to the vehicle's magnetic field. In these situations, the compass will need to be re-calibrated to quickly correct for these changes. To re-calibrate the compass:

1. Press and hold the button for more than 6 seconds. When the compass memory is cleared a "C" will appear in the display.
2. To calibrate the compass, drive the vehicle in 2 complete circles at less than 8 km/h (5 mph).

Integrated HomeLink® Wireless Control System

The HomeLink® Wireless Control System provides a convenient way to replace up to three hand-held radio-frequency (RF) transmitters with a single built-in device. This innovative feature will learn the radio frequency codes of most current transmitters to operate devices such as gate operators, garage door openers, entry door locks, security systems, even home lighting. Both standard and rolling code-equipped transmitters can be programmed by following the outlined procedures. Additional HomeLink® information can be found at: www.homelink.com or by calling 1-800-355-3515.

⚠ CAUTION

Before programming HomeLink® to a garage door opener or gate operator, make sure that people and objects are out of the way of the device to prevent potential harm or damage. Do not use HomeLink® with any garage door opener that lacks the safety stop and reverse features required by U.S. federal safety standards (this includes any garage door opener model manufactured before April 1, 1982). A garage door that cannot detect an object - signaling the door to stop and reverse - does not meet current U.S. federal safety standards. Using a garage door opener without these features increases the risk of serious injury or death.

Retain the original transmitter of the RF device you are programming for use in other vehicles as well as for future HomeLink® programming. It is also suggested that upon the sale of the vehicle, the programmed HomeLink® buttons be erased for security purposes.

Programming HomeLink®

✻ NOTICE

- **When programming a garage door opener, it is advised to park the vehicle outside of the garage.**
- **It is recommended that a new battery be placed in the hand-held transmitter of the device being programmed to HomeLink® for quicker training and accurate transmission of the radio-frequency signal.**
- **Some vehicles may require the ignition switch to be turned to the second (or "accessories") position for programming and/or operation of HomeLink.**
- **In the event that there are still programming difficulties or questions after following the programming steps listed below, contact HomeLink® at: www.homelink.com or 1-800-355-3515.**

Standard programming

To train most devices, follow these instructions:

1. For first-time programming, press and hold the two outside buttons, HomeLink® Channel 1 and Channel 3 Buttons, until the indicator light begins to flash (after 20 seconds). Release both buttons. Do not hold the buttons for longer than 30 seconds.
2. Position the end of your hand-held transmitter 1-3 inches (2-8 cm) away from the HomeLink® buttons while keeping the indicator light in view.
3. Simultaneously press and hold both the HomeLink® and hand-held transmitter button. DO NOT release the buttons until step 4 has been completed.
4. While continuing to hold the buttons the red Indicator Status LED will flash slowly and then rapidly after HomeLink® successfully trains to the frequency signal from the hand-held transmitter. Release both buttons.
5. Press and hold the just-trained HomeLink® button and observe the red Status Indicator LED. If the indicator light stays on constantly, programming is complete and your device should activate when the HomeLink® button is pressed and released.
6. To program the remaining two HomeLink® buttons, follow steps 2 through 5.

Rolling code programming

Rolling code devices which are "code-protected" and manufactured after 1996 may be determined by the following:

- Reference the device owner's manual for verification.
- The handheld transmitter appears to program the HomeLink® Universal Transceiver but does not activate the device.
- Press and hold the trained HomeLink button. The device has the rolling code feature if the indicator light flashes rapidly and then turns solid after 2 seconds.

To train rolling code devices, follow these instructions:

1. At the garage door opener receiver (motor-head unit) in the garage, locate the "learn" or "smart" button. This can usually be found where the hanging antenna wire is attached to the motor-head unit. Exact location and color of the button may vary by garage door opener brand. If there is difficulty locating the training button, reference the device owner's manual or please visit our Web site at www.homelink.com.
2. Firmly press and release the "learn" or "smart" button (which activates the "training light").

✻ NOTICE

There are 30 seconds in which to initiate step3.

3. Return to the vehicle and firmly press, hold for two seconds and then release the desired HomeLink® button. Repeat the "press/hold/release" sequence a second time to complete the programming. (Some devices may require you to repeat this sequence a third time to complete the programming.)
4. Press and hold the just-trained HomeLink® button and observe the red Status Indicator LED. If the indicator light stays on constantly, programming is complete and your device should activate.
5. To program the remaining two HomeLink® buttons, follow either steps 1 through 4 above for other Rolling Code devices or steps 2 through 5 in Standard Programming for standard devices.

Gate operator & Canadian programming

During programming, your handheld transmitter may automatically stop transmitting. Continue to press the Integrated HomeLink® Wireless Control System button (note steps 2 through 4 in the Standard Programming portion of this document) while you press and re-press ("cycle") your handheld transmitter every two seconds until the frequency signal has been learned. The indicator light will flash slowly and then rapidly after several seconds upon successful training.

Operating HomeLink®

To operate, simply press and release the programmed HomeLink® button. Activation will now occur for the trained device (i.e. garage door opener, gate operator, security system, entry door lock, home/office lighting, etc.). For convenience, the hand-held transmitter of the device may also be used at any time.

Reprogramming a single HomeLink® button

To program a new device to a previously trained HomeLink® button, follow these steps:

1. Press and hold the desired HomeLink® button. Do NOT release until step 4 has been completed.
2. When the indicator light begins to flash slowly (after 20 seconds), position the handheld transmitter 1 to 3 inches away from the HomeLink® surface.
3. Press and hold the handheld transmitter button. The HomeLink® indicator light will flash, first slowly and then rapidly.
4. When the indicator light begins to flash rapidly, release both buttons.
5. Press and hold the just-trained HomeLink® button and observe the red Status Indicator LED. If the indicator light stays on constantly, programming is complete and your new device should activate.

Erasing HomeLink® buttons

Individual buttons cannot be erased. However, to erase all three programmed buttons:

1. Press and hold the two outer HomeLink® buttons until the indicator light begins to flash-after 20 seconds.
2. Release both buttons. Do not hold for longer than 30 seconds.

The Integrated HomeLink® Wireless Control System is now in the training (learn) mode and can be programmed at any time following the appropriate steps in the Programming sections above.

FCC ID: NZLZTVHL3

IC: 4112A-ZTVHL3

This device complies with Industry Canada Standard RSS-210.

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.

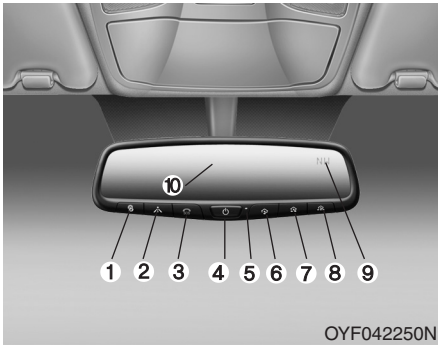
⚠ WARNING

The transceiver has been tested and complies with FCC and Industry Canada rules. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device.

NVS® is a registered trademark and Z-Nav™ is a trademark of the Gentex Corporation, Zeeland, Michigan. HomeLink® is a registered trademark owned by Johnson Controls, Incorporated, Milwaukee, Wisconsin.

Electric chromic mirror (ECM) with HomeLink® system, compass and Blue Link® (if equipped)

Your vehicle may be equipped with a Gentex Automatic-Dimming Mirror with a Z-Nav™ Electronic Compass Display and an Integrated HomeLink® Wireless Control System. During nighttime driving, this feature will automatically detect and reduce rearview mirror glare while the compass indicates the direction the vehicle is pointed. The HomeLink® Universal Transceiver allows you to activate your garage door(s), electric gate, home lighting, etc.



(1) Telematics button
(2) Telematics button
(3) Telematics button
(4) Compass control button & Dimming ON/OFF button
(5) Status indicator LED
(6) Channel 1 button
(7) Channel 2 button
(8) Channel 3 button
(9) Compass display
(10) Rear light sensor

Automatic-Dimming Night Vision Safety™ (NVS®) Mirror

The NVS® Mirror in your vehicle is the most advanced way to reduce annoying glare in the rearview mirror during any driving situation. For more information regarding NVS® mirrors and other applications, please refer to the Gentex website:

www.gentex.com

✻ NOTICE

The NVS® Mirror automatically reduces glare during driving conditions based upon light levels monitored in front of the vehicle and from the rear of the vehicle. These light sensors are visible through openings in the front and rear of the mirror case. Any object that obstructs either light sensor will degrade the automatic dimming control feature.

Automatic-dimming function

Your mirror will automatically dim upon detecting glare from the vehicles traveling behind you. The autodimming function can be controlled by the Dimming ON/OFF Button:

1. Pressing and hold the ⏻ button for 3 seconds turns the autodimming function OFF which is indicated by the green Status Indicator LED turning off.
2. Pressing and hold the ⏻ button for 3 seconds again turns the autodimming function ON which is indicated by the green Status Indicator LED turning on.

The mirror defaults to the ON position each time the vehicle is started.

Z-Nav™ Compass Display

The NVS™ Mirror in your vehicle is also equipped with a Z-Nav™ Compass that shows the vehicle Compass heading in the Display Window using the 8 basic cardinal headings (N, NE, E, SE, etc.).

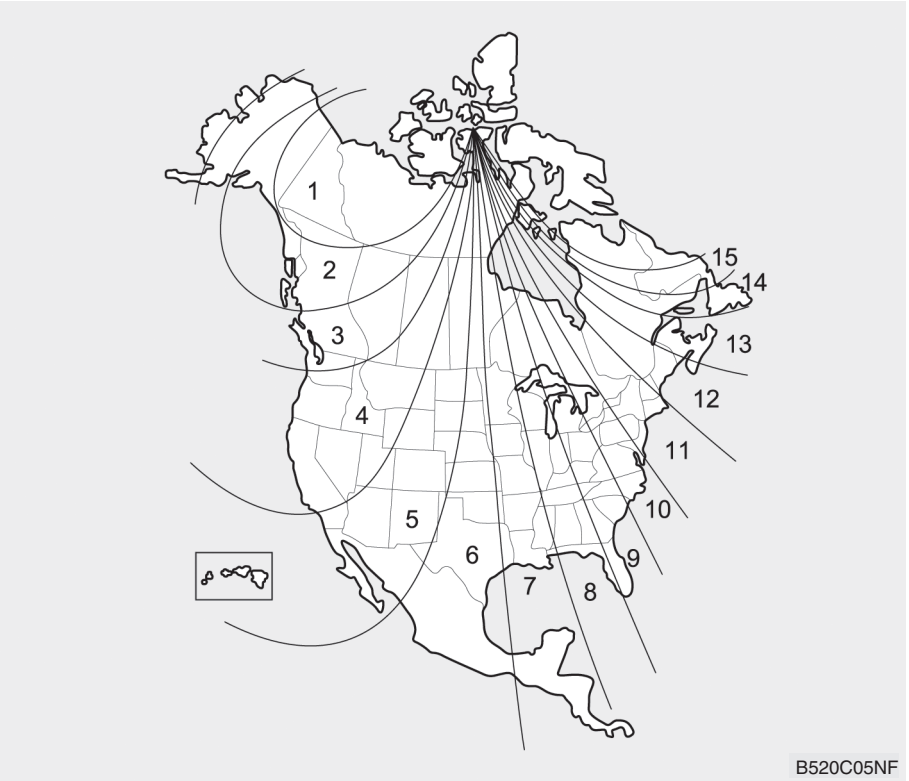
Compass function

The Compass can be turned ON and OFF and will remember the last state when the ignition is cycled. To turn the display feature ON/OFF:

1. Press and release the ⏻ button within 1 second to turn the display feature OFF.
2. Press and release the ⏻ button again within 1 second to turn the display back ON.

Additional options can be set with press and hold sequences of the ⏻ button and are detailed below.

There is a difference between magnetic north and true north. The compass in the mirror can compensate for this difference when it knows the Magnetic Zone in which it is operating. This is set either by the dealer or by the user. The operating Zone Numbers for North America are shown in the figure on the following section.



To adjust the Zone setting:

1. Determine the desired Zone Number based upon your current location on the Zone Map.
2. Press and hold the ⏻ button for 6 seconds, the current Zone Number will appear on the display.
3. Pressing and holding the ⏻ button again will cause the numbers to increment (Note: they will repeat …13, 14, 15, 1, 2, …). Releasing the button when the desired Zone Number appears on the display will set the new Zone.
4. Within about 5 seconds the compass will start displaying a compass heading again.

There are some conditions that can cause changes to the vehicle magnets, such as installing a ski rack or a CB antenna. Body repair work on the vehicle can also cause changes to the vehicle's magnetic field. In these situations, the compass will need to be re-calibrated to quickly correct for these changes. To re-calibrate the compass:

1. Press and hold the ⏻ button for more than 9 seconds. When the compass memory is cleared a "C" will appear in the display.
2. To calibrate the compass, drive the vehicle in 2 complete circles at less than 8 km/h (5 mph).

Integrated HomeLink® Wireless Control System

The HomeLink® Wireless Control System provides a convenient way to replace up to three hand-held radio-frequency (RF) transmitters with a single built-in device. This innovative feature will learn the radio frequency codes of most current transmitters to operate devices such as gate operators, garage door openers, entry door locks, security systems, even home lighting. Both standard and rolling code-equipped transmitters can be programmed by following the outlined procedures. Additional HomeLink® information can be found at: www.homelink.com or by calling 1-800-355-3515.

⚠ WARNING

Before programming HomeLink® to a garage door opener or gate operator, make sure that people and objects are out of the way of the device to prevent potential harm or damage. Do not use HomeLink® with any garage door opener that lacks the safety stop and reverse features required by U.S. federal safety standards (this includes any garage door opener model manufactured before April 1, 1982). A garage door that cannot detect an object - signaling the door to stop and reverse - does not meet current U.S. federal safety standards. Using a garage door opener without these features increases the risk of serious injury or death.

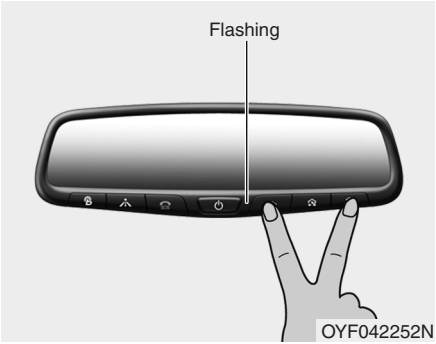
Retain the original transmitter of the RF device you are programming for use in other vehicles as well as for future HomeLink® programming. It is also suggested that upon the sale of the vehicle, the programmed HomeLink® buttons be erased for security purposes.

Programming HomeLink®

✻ NOTICE

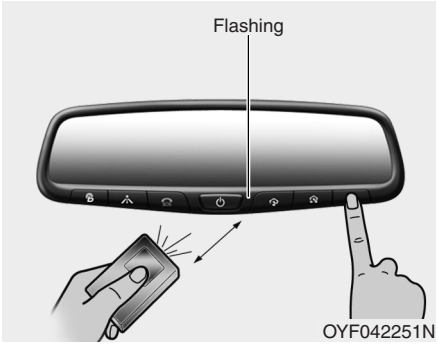
- **When programming a garage door opener, it is advised to park the vehicle outside of the garage.**
- **It is recommended that a new battery be placed in the hand-held transmitter of the device being programmed to HomeLink® for quicker training and accurate transmission of the radio-frequency signal.**
- **Some vehicles may require the ignition switch to be turned to the second (or "accessories") position for programming and/or operation of HomeLink.**
- **In the event that there are still programming difficulties or questions after following the programming steps listed below, contact HomeLink® at: www.homelink.com or 1-800-355-3515.**

Programming



To train most devices, follow these instructions:

1. For first-time programming, press and hold the two outside buttons (,), HomeLink® Channel 1 and Channel 3, until the indicator light begins to flash (after 10 seconds). Release both buttons. Do not hold the buttons for longer than 20 seconds.



2. Position the end of your hand-held transmitter 1-3 inches (2-8 cm) away from the HomeLink® button you wish to program while keeping the indicator light in view.
3. Simultaneously press and hold both the HomeLink® and hand-held transmitter buttons until the HomeLink® indicator light changes from a slow to a rapid blinking light. Now you may release both the HomeLink® and hand-held transmitter buttons.

✻ NOTICE

Some devices may require you to replace this Programming step 3 with procedures noted in the "Gate Operator/Canadian Programming" section. If the HomeLink® indicator light does not change to a rapidly blinking light after performing these steps, contact HomeLink® at www.homelink.com.

4. Firmly press, hold for 5 seconds and release the programmed HomeLink® button up to two separate times to activate the door. If the door does not activate, press and hold the just-trained HomeLink® button and observe the indicator light.
   - If the indicator light stays on constantly, programming is complete and your device should activate when the HomeLink® button is pressed and released.
   - If the indicator light blinks rapidly for 2 seconds and then turns to a constant light, continue with "Programming" steps 5-7 to complete the programming of a rolling code equipped device (most commonly a garage door opener).
5. At the garage door opener receiver (motor-head unit) in the garage, locate the "learn" or "smart" button. This can usually be found where the hanging antenna wire is attached to the motor-head unit.
6. Firmly press and release the "learn" or "smart" button. (The name and color of the button vary by manufacturer). There are 30 seconds to initiate step 7.
7. Return to the vehicle and firmly press, hold for 2 seconds and release the programmed HomeLink® button. Repeat the "press/hold/release" sequence a second time, and, depending on the brand of the garage door opener (or other rolling code equipped device), repeat this sequence a third time to complete the programming process.

HomeLink® should now activate your rolling code equipped device.

Gate operator & Canadian programming

During programming, your handheld transmitter may automatically stop transmitting. Continue to press the Integrated HomeLink® Wireless Control System button (note steps 2 through 3 in the Programming portion of this document) while you press and re-press ("cycle") your handheld transmitter every two seconds until the frequency signal has been learned. The indicator light will flash slowly and then rapidly after several seconds upon successful training.

Operating HomeLink®

To operate, simply press and release the programmed HomeLink® button. Activation will now occur for the trained device (i.e. garage door opener, gate operator, security system, entry door lock, home/office lighting, etc.). For convenience, the hand-held transmitter of the device may also be used at any time.

Reprogramming a single HomeLink® button

To program a device to HomeLink® using a HomeLink® button previously trained, follow these steps:

1. Press and hold the desired HomeLink® button. DO NOT release the button.
2. The indicator light will begin to flash after 20 seconds. Without releasing the HomeLink® button, proceed with "Programming" step 2.

For questions or comments, contact HomeLink® at www.homelink.com or 1-800-355-3515.

Erasing HomeLink® buttons

Individual buttons cannot be erased. However, to erase all three programmed buttons:

1. Press and hold the two outer HomeLink® buttons until the indicator light begins to flash after 10 seconds.
2. Release both buttons. Do not hold for longer than 20 seconds.

The Integrated HomeLink® Wireless Control System is now in the training (learn) mode and can be programmed at any time following the appropriate steps in the Programming sections above.

FCC ID: NZLTLMHL4
IC: 4112A-TLMHL4

This device complies with Industry Canada Standard RSS-210.

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.

⚠ CAUTION

The transceiver has been tested and complies with FCC and Industry Canada rules. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device.

NVS® is a registered trademark and Z-Nav™ is a trademark of the Gentex Corporation, Zeeland, Michigan. HomeLink® is a registered trademark owned by Johnson Controls, Incorporated, Milwaukee, Wisconsin.

Outside rearview mirror

Be sure to adjust mirror angles before driving.

Your vehicle is equipped with both left-hand and right-hand outside rearview mirrors. The mirrors can be adjusted remotely with the remote switch. The mirror heads can be folded back to prevent damage during an automatic car wash or when passing in a narrow street.

⚠ CAUTION - Outside rearview mirrors

- ***The right outside rearview mirror is convex. Objects seen in the mirror are closer than they appear.***
- ***Use your interior rearview mirror or direct observation to determine the actual distance of following vehicles when changing lanes.***

⚠ CAUTION

Do not scrape ice off the mirror face; this may damage the surface of the glass. If ice should restrict movement of the mirror, do not force the mirror for adjustment. To remove ice, use a deicer spray, or a sponge or soft cloth with warm water.

⚠ CAUTION

If the mirror is jammed with ice, do not adjust the mirror by force. Use an approved spray de-icer (not radiator antifreeze) to release the frozen mechanism or move the vehicle to a warm place and allow the ice to melt.

⚠ WARNING

Do not adjust or fold the outside rearview mirrors while the vehicle is moving. This could result in loss of control, and an accident which could cause death, serious injury or property damage.

Remote control



The electric remote control mirror switch allows you to adjust the position of the left and right outside rearview mirrors.

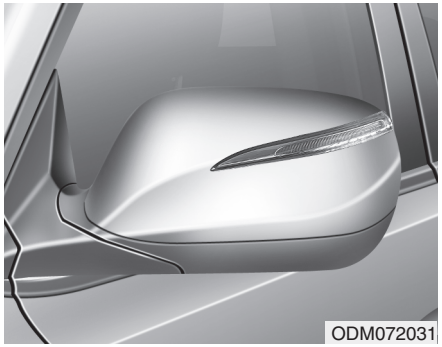
To adjust the position of the mirrors:

1. Place the ignition switch in the ON position.
2. Move the lever(1) to R (right) or L (left) to select the right side mirror or the left side mirror.
3. Press a corresponding point on the mirror adjustment control to position the selected mirror up, down, left or right.
4. After the adjustment, position the lever in the center to prevent inadvertent movement.

⚠ CAUTION

- ***The mirrors stop moving when they reach the maximum adjusting angles, but the motor continues to operate while the switch is pressed. Do not press the switch longer than necessary, the motor may be damaged.***
- ***Do not attempt to adjust the outside rearview mirror by hand. Doing so may damage the mirror.***

Folding the outside rearview mirror



To fold outside rearview mirror, grasp the housing of mirror and then fold it toward the rear of the vehicle.

INSTRUMENT CLUSTER

■ **Type A**



■ **Type B**



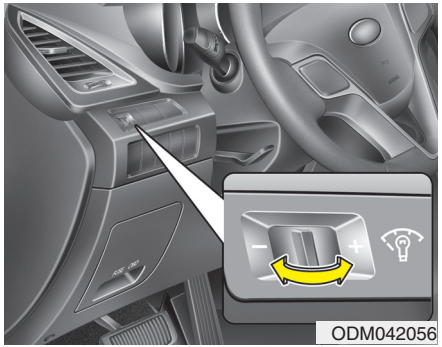
1. Tachometer
2. Speedometer
3. Engine coolant temperature gauge
4. Fuel gauge
5. LCD display
6. Warning and indicator lights (if equipped)
7. Turn signal indicator lights

❈ The actual cluster in the vehicle may differ from the illustration.
For more details, refer to the "Gauges" in this chapter.

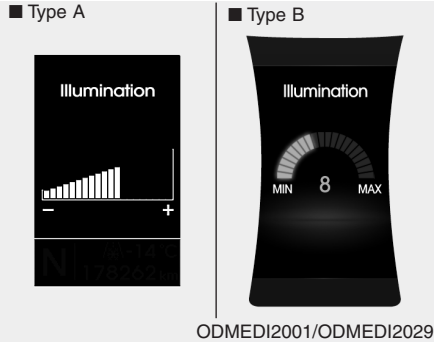
ODMNMM2348/ODMEMM2348

Instrument Cluster Control

Adjusting Instrument Cluster Illumination



The brightness of the instrument panel illumination is changed by moving the illumination control knob right or left when the ignition switch or Engine Start/Stop button is ON, or the tale lights are turned on.



- The brightness has 20 levels : 1 (MIN) ~ 20 (MAX)
- If you hold the illumination control knob on the right end (+) or left end (-), the brightness will be changed continuously.
- If the brightness reaches to the maximum or minimum level, an alarm will sound.

LCD Display Control



The LCD display modes can be changed by using the control buttons on the steering wheel.

(1) : MODE button for changing modes

(2) ▼ : MOVE button for changing items

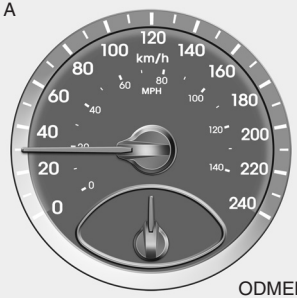
(3) ↵ : SELECT/RESET button for setting or resetting the selected item

❈ For the LCD modes, refer to “LCD Display” in this chapter.

Gauges

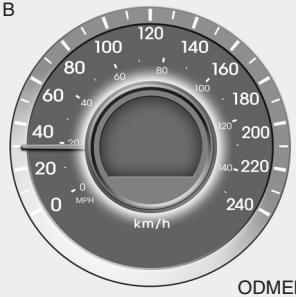
Speedometer

■ Type A



ODMEMM2350

■ Type B



ODMEMM2349

The speedometer indicates the speed of the vehicle and is calibrated in kilometers per hour (km/h) and/or miles per hour (mph).

Tachometer

■ Type A



ODMNMM2059

■ Type B



ODMNMM2221

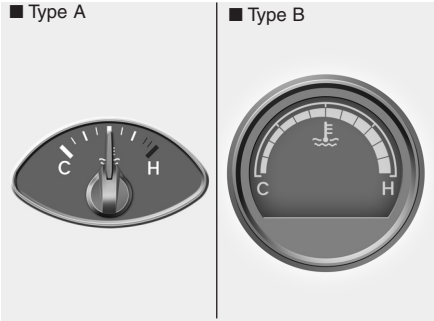
The tachometer indicates the approximate number of engine revolutions per minute (rpm).

Use the tachometer to select the correct shift points and to prevent lugging and/or over-revving the engine.

⚠ CAUTION

Do not operate the engine within the tachometer's RED ZONE. This may cause severe engine damage.

Engine Coolant Temperature Gauge



ODMNMM2222/ODMNMM2352

This gauge indicates the temperature of the engine coolant when the ignition switch or Engine Start/Stop button is ON.

⚠ CAUTION

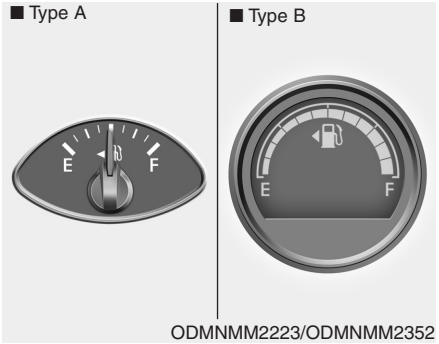
If the gauge pointer moves beyond the normal range area toward the "H" position, it indicates overheating that may damage the engine.

Do not continue driving with an overheated engine. If your vehicle overheats, refer to "If the Engine Overheats" in chapter 6.

⚠ WARNING

Never remove the radiator cap when the engine is hot. The engine coolant is under pressure and could severely burn. Wait until the engine is cool before adding coolant to the reservoir.

Fuel Gauge



ODMNMM2223/ODMNMM2352

This gauge indicates the approximate amount of fuel remaining in the fuel tank.

✻ NOTICE

- **The fuel tank capacity is given in chapter 8.**
- **The fuel gauge is supplemented by a low fuel warning light, which will illuminate when the fuel tank is nearly empty.**
- **On inclines or curves, the fuel gauge pointer may fluctuate or the low fuel warning light may come on earlier than usual due to the movement of fuel in the tank.**

⚠ WARNING - Fuel Gauge

Running out of fuel can expose vehicle occupants to danger.

You must stop and obtain additional fuel as soon as possible after the warning light comes on or when the gauge indicator comes close to the "E (Empty)" level.

⚠ CAUTION

Avoid driving with a extremely low fuel level. Running out of fuel could cause the engine to misfire damaging the catalytic converter.

Odometer

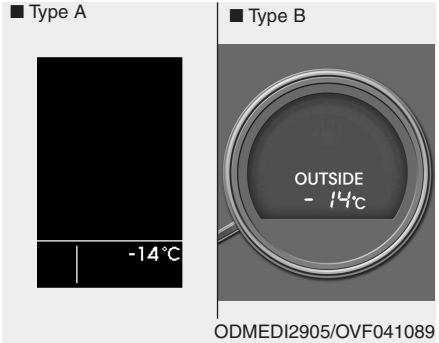


ODMEDI2901/ODMEDI2903

The odometer Indicates the total distance that the vehicle has been driven and should be used to determine when periodic maintenance should be performed.

- Odometer range : 0 ~ 999999 miles or kilometers.

Outside Temperature Gauge



ODMEDI2905/OVF041089

This gauge indicates the current outside air temperatures by 1°C (1°F).

- Temperature range : -40°C ~ 60°C (-40°F ~ 140°F)

The outside temperature on the display may not change immediately like a general thermometer to prevent the driver from being inattentive.

The temperature unit (from °F to °C or from °C to °F) can be changed by using the "User Settings" mode of the LCD display.

❈ For more details, refer to "LCD Display" in this chapter.

Transaxle Shift Indicator

Automatic Transaxle Shift Indicator (if equipped)

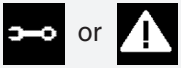
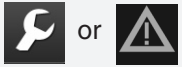


This indicator displays which automatic transaxle shift lever is selected.

- Park : P
- Reverse : R
- Neutral : N
- Drive : D
- Sports Mode : 1, 2, 3, 4, 5, 6

LCD DISPLAY

LCD Modes

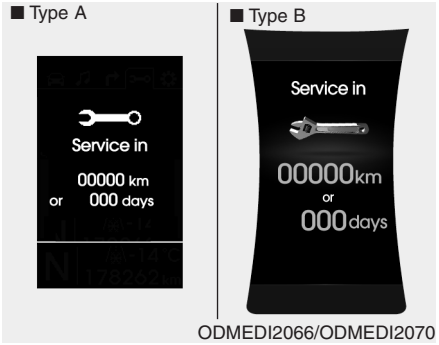
Modes	Symbol		Explanation
	Type A	Type B	
Trip Computer			This mode displays driving information like the tripmeter, fuel economy, and so on. For more details, refer to “Trip Computer” in this chapter.
Service			This mode informs of service interval (mileage or days) and warning messages related to washer fluid, or active hood lift system.
User Settings			On this mode, you can change settings of the doors, lamps, and so on.
A/V (if equipped)	-		This mode displays the state of the A/V system.
Turn By Turn (if equipped)	-		This mode displays the state of the navigation.

❈ For controlling the LCD modes, refer to "LCD Display Control" in this chapter.

❈ For "Trip Computer" mode, refer to "Trip Computer" in this chapter.

Service Mode

Service Interval

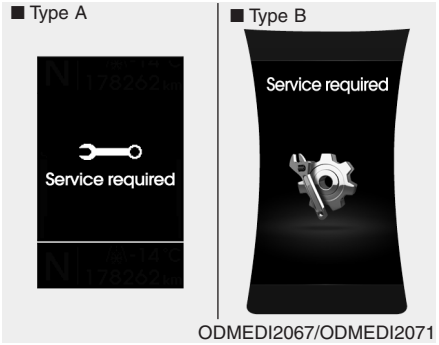


ODMEDI2066/ODMEDI2070

Service in

It calculates and displays when you need a scheduled maintenance service (mileage or days).

If the remaining mileage or time reaches 1,500 km (900 mi.) or 30 days, "Service in" message is displayed for several seconds each time you set the ignition switch or Engine Start/Stop Button to the ON position.



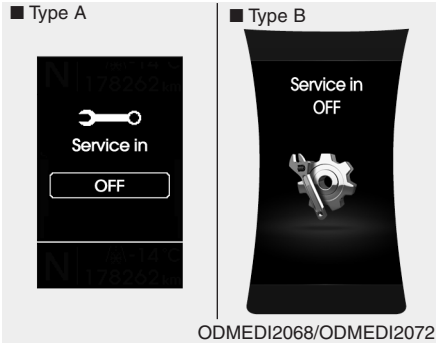
ODMEDI2067/ODMEDI2071

Service required

If you do not have your vehicle serviced according to the already inputted service interval, “Service required” message is displayed for several seconds each time you set the ignition switch or Engine Start/Stop Button to the ON position (The mileage and time changes to "---").

To reset the service interval to the mileage and days you inputted before:

- Press the SELECT/RESET button ↵ for more than 1 second.



ODMEDI2068/ODMEDI2072

Service in OFF

If the service interval is not set, “Service in OFF” message is displayed on the LCD display.

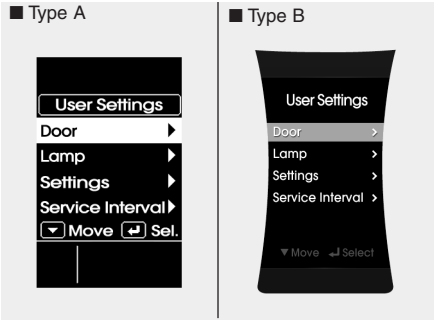
✻ NOTICE

If any of the following conditions occurs, the mileage and days may be incorrect.

- **The battery cable is disconnected.**
- **The fuse switch is turned off.**
- **The battery is discharged.**

User Settings Mode

Description



ODMEDI2025/ODMEDI2054

On this mode, you can change setting of the doors, lamps, and so on.

Door

Auto Door Lock (if equipped)

- Off:

  The auto door lock operation will be deactivated.
- Speed:

  All doors will be automatically locked when the vehicle speed exceeds 9.3mph (15km/h).
- Shift Lever:

  All doors will be automatically locked if the automatic transaxle shift lever is shifted from the P (Park) position to the R (Reverse), N (Neutral), or D (Drive) position.

Auto Door Unlock (if equipped)

- Off:

  The auto door unlock operation will be canceled.
- Key Out or Power Off:

  All doors will be automatically unlocked when the ignition key is removed from ignition switch or Engine Start/Stop Button is set to the OFF position.
- Shift Lever:

  All doors will be automatically unlocked if the automatic transaxle shift lever is shifted to the P (Park) position.

Two Press Unlock (if equipped)

- Off:

  The two press unlock function will be deactivated. Therefore, all doors will unlock if the door is unlocked.

- On:

  The driver's door will unlock if the door is unlocked. When the door is unlocked again within 4 seconds, all doors will unlock.

Horn Feedback (if equipped)

- Off:

  The Horn feedback operation will be deactivated.

- On:

  After locking the door by pressing the lock button on the transmitter, if you press the lock button again within 4 seconds, the warning sound will operate once to indicate that all doors are locked.

Lamp

Head Lamp Delay (if equipped)

If this item is checked, the headlamp delay and headlamp welcome function will be activated.

Welcome Light (if equipped)

If this item is checked, the welcome light function of the puddle lamp will be activated.

Auto Triple Turn (One-touch triple turn signal) (if equipped)

If this item is checked, the lane change signals will blink 3 times when the turn signal lever is moved slightly.

Settings

Temperature Unit

Convert the temperature unit from °C to °F or from °F to °C.

Welcome Sound

If this item is checked, the welcome sound function will be activated.

Shift Indicator (if equipped)

If this item is checked, the shift indicator function will be activated.

For more details, refer to "Instrument Cluster" in this chapter.

Seat Easy Access (if equipped)

If this item is checked, the driver's seat will automatically move forward or rearward for the driver to enter or exit the vehicle comfortably.

AVG Fuel Eco Reset

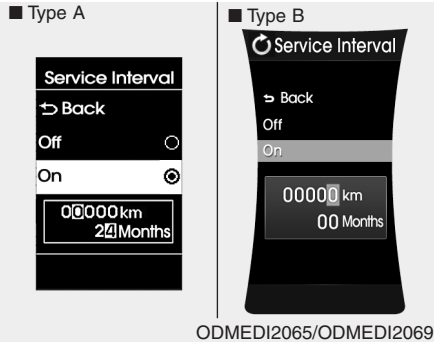
- Auto Reset:

  The average fuel economy will reset automatically when refueling.
- Manual Reset:

  The average fuel economy will not reset automatically whenever refueling.

For more details, refer to “Trip Computer” in this chapter.

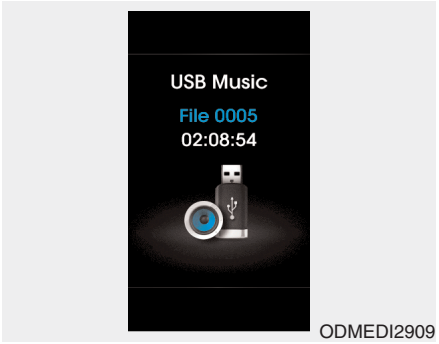
Service Interval



ODMEDI2065/ODMEDI2069

On this mode, you can activate the service interval function with mileage (mi. or km) and period (months).

A/V Mode (if equipped)



ODMEDI2909

This mode displays the state of the A/V system.

Turn By Turn Mode (if equipped)

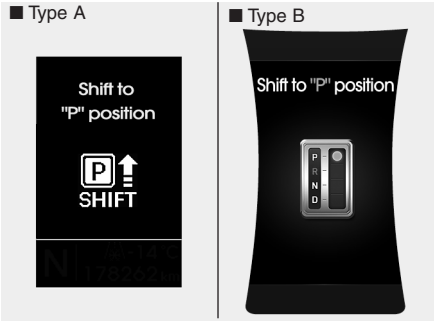


ODMEDI2910

This mode displays the state of the navigation.

Warning Messages

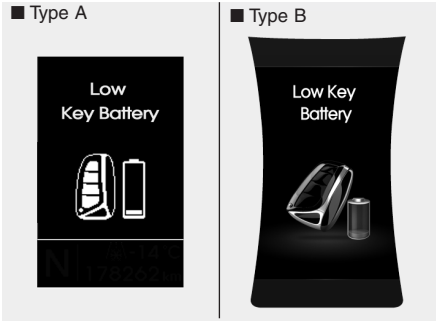
Shift to "P" position (for smart key system and automatic transaxle)



ODMEDI2002/ODMEDI2030

- This warning message illuminates if you try to turn off the engine without the shift lever in P (Park) position.
- At this time, the Engine Start/Stop Button turns to the ACC position (If you press the Engine Start/Stop Button once more, it will turn to the ON position).

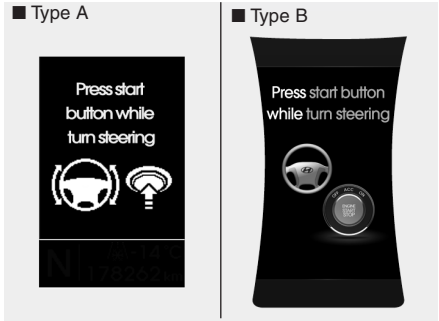
Low Key Battery (for smart key system)



ODMEDI2003/ODMEDI2031

- This warning message illuminates if the battery of the smart key is discharged when the Engine Start/Stop Button changes to the OFF position.

Press start button while turn steering (for smart key system)



ODMEDI2004/ODMEDI2032

- This warning message illuminates if the steering wheel does not unlock normally when the Engine Start/Stop Button is pressed.
- It means that you should press the Engine Start/Stop Button while turning the steering wheel right and left.

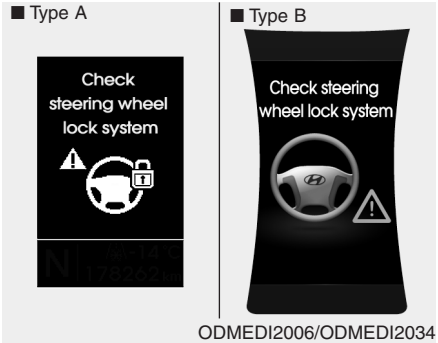
Steering wheel unlocked (for smart key system)



ODMEDI2005/ODMEDI2033

- This warning message illuminates if the steering wheel does not lock when the Engine Start/Stop Button changes to the OFF position.

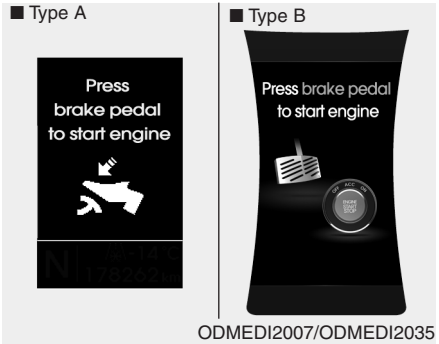
Check steering wheel lock system (for smart key system)



ODMEDI2006/ODMEDI2034

- This warning message illuminates if the steering wheel does not lock normally when the Engine Start/Stop Button changes to the OFF position.

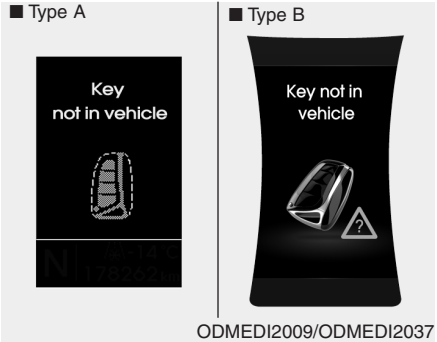
Press brake pedal to start engine (for smart key system and automatic transaxle)



ODMEDI2007/ODMEDI2035

- This warning message illuminates if the Engine Start/Stop Button changes to the ACC position twice by pressing the button repeatedly without depressing the brake pedal.
- It means that you should depress the brake pedal to start the engine.

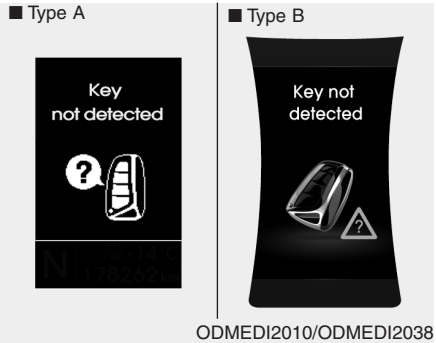
Key not in vehicle (for smart key system)



ODMEDI2009/ODMEDI2037

- This warning message illuminates if the smart key is not in the vehicle when you press the Engine Start/Stop Button.
- It means that you should always have the smart key with you.

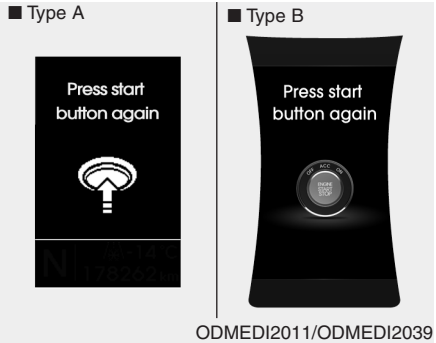
Key not detected (for smart key system)



ODMEDI2010/ODMEDI2038

- This warning message illuminates if the smart key is not detected when you press the Engine Start/Stop Button.

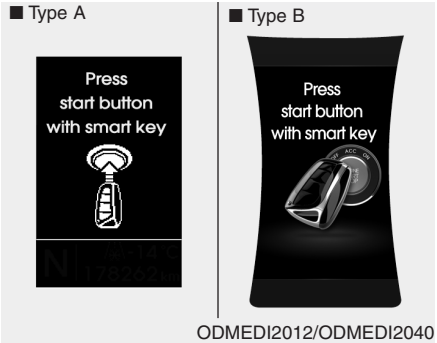
Press start button again (for smart key system)



ODMEDI2011/ODMEDI2039

- This warning message illuminates if you can not operate the Engine Start/Stop Button when there is a problem with the Engine Start/Stop Button system.
- It means that you could start the engine by pressing the Engine Start/ Stop Button once more.
- If the warning illuminates each time you press the Engine Start/Stop Button, have your vehicle inspected by an authorized HYUNDAI dealer.

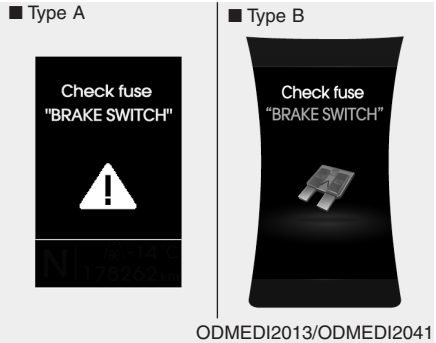
Press start button with smart key (for smart key system)



ODMEDI2012/ODMEDI2040

- This warning message illuminates if you press the Engine Start/Stop Button while the warning message “Key not detected” is illuminating.
- At this time, the immobilizer indicator light blinks.

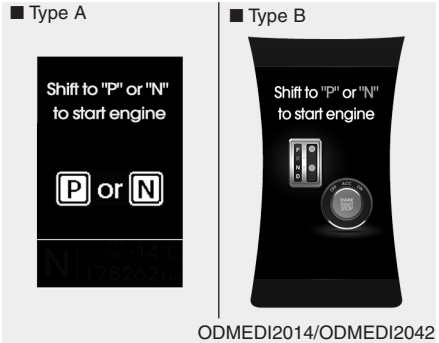
Check fuse "BRAKE SWITCH" (for smart key system and automatic transaxle)



ODMEDI2013/ODMEDI2041

- This warning message illuminates if the brake switch fuse is disconnected.
- It means that you should replace the fuse with a new one. If that is not possible, you can start the engine by pressing the Engine Start/Stop Button for 10 seconds in the ACC position.

Shift to "P" or "N" to start engine (for smart key system and automatic transaxle)



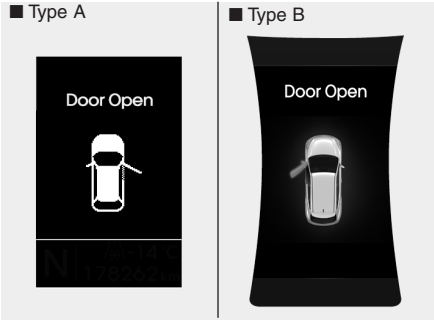
ODMEDI2014/ODMEDI2042

- This warning message illuminates if you try to start the engine with the shift lever not in the P (Park) or N (Neutral) position.

✻ NOTICE

You can start the engine with the shift lever in the N (Neutral) position. But, for your safety, we recommend that you start the engine with the shift lever in the P (Park) position.

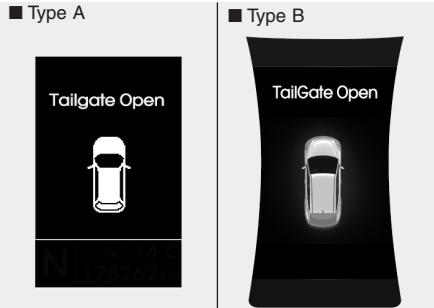
Door Open



ODMEDI2017/ODMEDI2045

- It means that any door is open.

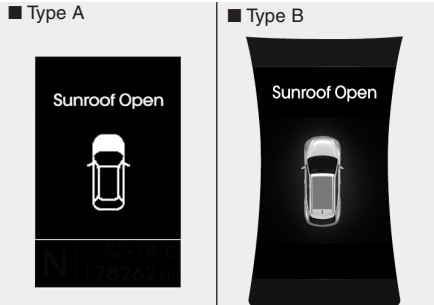
Tailgate Open



ODMEDI2018/ODMEDI2046

- It means that the tailgate is open.

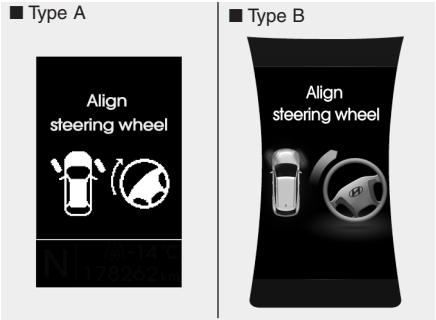
Sunroof Open (if equipped)



ODMEDI2019/ODMEDI2047

- The warning message illuminates if you turn off the engine and then open the driver's door when the sunroof is open.

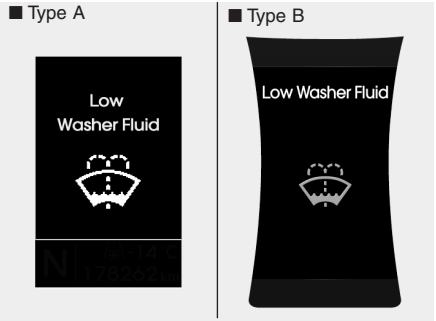
Align steering wheel (if equipped)



ODMEDI2020/ODMEDI2049

- This warning message illuminates if you start the engine when the steering wheel is turned to more than 90 degrees to the left or right.
- It means that you should turn the steering wheel and make the angle of the steering wheel be less than 30 degrees.

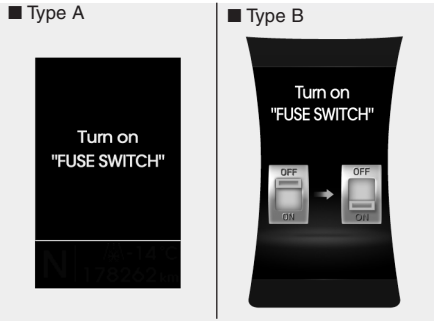
Low Washer Fluid (if equipped)



ODMEDI2021/ODMEDI2050

- This warning message illuminates on the service reminder mode if the washer fluid level in the reservoir is nearly empty.
- It means that you should refill the washer fluid.

Turn on "FUSE SWITCH" (if equipped)

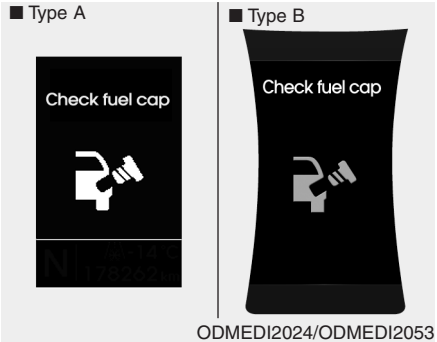


ODMEDI2022/ODMEDI2051

- This warning message illuminates if the fuse switch on the fuse box is OFF.
- It means that you should turn the fuse switch on.

For more details, refer to “Fuses” in chapter 7.

Check fuel cap



ODMEDI2024/ODMEDI2053

- It means that the fuel filler cap is not tightened securely.

TRIP COMPUTER

Overview

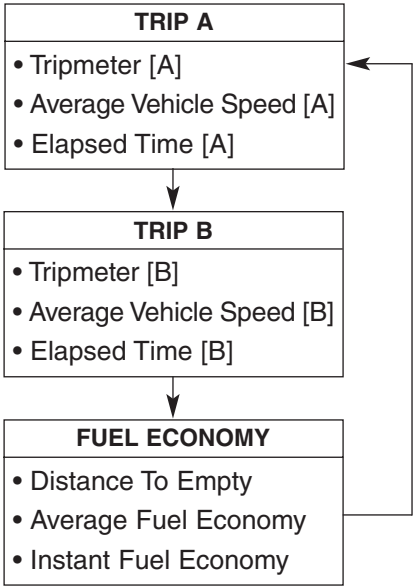
Description

The trip computer is a microcomputer-controlled driver information system that displays information related to driving.

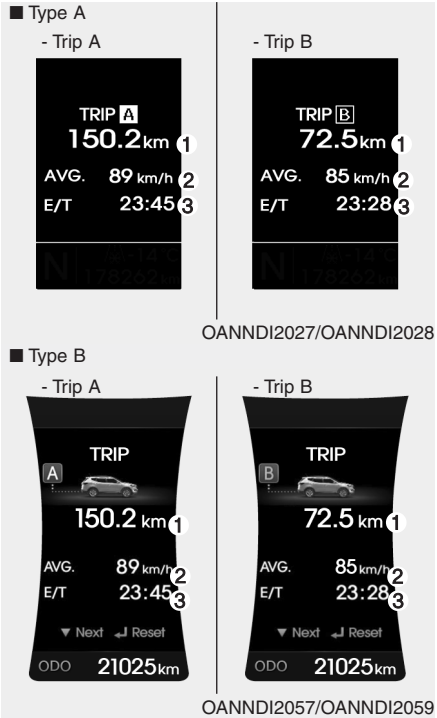
✻ NOTICE

Some driving information stored in the trip computer (for example Average Vehicle Speed) resets if the battery is disconnected.

Trip Modes



Trip A/B



Tripmeter (1)

- The tripmeter is the total driving distance since the last tripmeter reset.
  - Distance range: 0.0 ~ 9999.9 mi. or km
- To reset the tripmeter, press the SELECT/RESET button ↵ on the steering wheel for more than 1 second when the tripmeter is displayed.

Average Vehicle Speed (2)

- The average vehicle speed is calculated by the total driving distance and driving time since the last average vehicle speed reset.
  - Speed range: 0 ~ 999 MPH or km/h
- To reset the average vehicle speed, press the SELECT/RESET button ↵ on the steering wheel for more than 1 second when the average vehicle speed is displayed.

✻ NOTICE

- **The average vehicle speed is not displayed if the driving distance is less than 50 meters 94-96 (0.03 miles) or the driving time is less than 10 seconds since the ignition switch or Engine Start/Stop button is turned to ON.**
- **Even if the vehicle is not in motion, the average vehicle speed keeps going while the engine is running.**

Elapsed Time (3)

- The elapsed time is the total driving time since the last elapsed time reset.
  - Time range (hh:mm): 00:00 ~ 99:59
- To reset the elapsed time, press the SELECT/RESET button ↵ on the steering wheel for more than 1 second when the elapsed time is displayed.

✻ NOTICE

Even if the vehicle is not in motion, the elapsed time keeps going while the engine is running.

Fuel Economy



OANNDI2026/OANNDI2055

Distance To Empty (1)

- The distance to empty is the estimated distance the vehicle can be driven with the remaining fuel.
  - Distance range : 30 ~ 9999 mi or 50 ~ 9999 km.
- If the estimated distance is below 50 km (30 mi.), the trip computer will display "---" as distance to empty.

✻ NOTICE

- **If the vehicle is not on level ground or the battery power has been interrupted, the distance to empty function may not operate correctly.**
- **The distance to empty may differ from the actual driving distance as it is an estimate of the available driving distance.**
- **The trip computer may not register additional fuel if less than 6 liters (1.6 gallons) of fuel are added to the vehicle.**
- **The fuel economy and distance to empty may vary significantly based on driving conditions, driving habits, and condition of the vehicle.**

Average Fuel Economy (2)

- The average fuel economy is calculated by the total driving distance and fuel consumption since the last average fuel economy reset.
  - Fuel economy range: 0.0 ~ 99.9 MPG or L/100km
- The average fuel economy can be reset both manually and automatically.

Manual reset

To clear the average fuel economy manually, press the SELECT/RESET button ↵ on the steering wheel for more than 1 second when the average fuel economy is displayed.

Automatic reset

To make the average fuel economy be reset automatically whenever refueling, select the “Auto Reset” mode in User Setting menu of the LCD display (Refer to “LCD Display”).

Under “Auto Reset” mode, the average fuel economy will be cleared to zero (---) when the vehicle speed exceeds 1 km/h after refueling more than 6 liters (1.6 gallons).

✻ NOTICE

The average fuel economy is not displayed for more accurate calculation if the vehicle does not drive more than 10 seconds or 50 meters (0.03 miles) since the ignition switch or Engine Start/Stop button is turned to ON.

Instant Fuel Economy (3)

- This mode displays the instant fuel economy during the last few seconds when the vehicle speed is more than 10 km/h (6.2 MPH).
  - Fuel economy range: 0 ~ 50 MPG or 0 ~ 30 L/100km

WARNING AND INDICATOR LIGHTS

Warning lights

✻ NOTICE - Warning lights

Make sure that all warning lights are OFF after starting the engine. If any light is still ON, this indicates a situation that needs attention.

Air bag Warning Light



This warning light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It illuminates for approximately 6 seconds and then goes off.
- When there is a malfunction with the SRS.

  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

Seat Belt Warning Light



This warning light informs the driver that the seat belt is not fastened.

For more details, refer to the “Seat Belts” in chapter 3.

Parking Brake & Brake Fluid Warning Light



This warning light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It illuminates for approximately 3 seconds
  - It remains on if the parking brake is applied.
- When the parking brake is applied.
- When the brake fluid level in the reservoir is low.
  - If the warning light illuminates with the parking brake released, it indicates the brake fluid level in reservoir is low.

If the brake fluid level in the reservoir is low:

1. Drive carefully to the nearest safe location and stop your vehicle.
2. With the engine stopped, check the brake fluid level immediately and add fluid as required (For more details, refer to “Brake Fluid” in chapter 7).

Then check all brake components for fluid leaks. If any leak on the brake system is still found, the warning light remains on, or the brakes do not operate properly, do not drive the vehicle.

In this case, have your vehicle towed to an authorized HYUNDAI dealer and inspected.

Dual-diagonal braking system

Your vehicle is equipped with dual-diagonal braking systems. This means you still have braking on two wheels even if one of the dual systems should fail.

With only one of the dual systems working, more than normal pedal travel and greater pedal pressure are required to stop the vehicle.

Also, the vehicle will not stop in as short a distance with only a portion of the brake system working.

If the brakes fail while you are driving, shift to a lower gear for additional engine braking and stop the vehicle as soon as it is safe to do so.

⚠ WARNING - Parking Brake & Brake Fluid Warning Light

Driving the vehicle with a warning light ON is dangerous. If the Parking Brake & Brake Fluid Warning Light illuminates with the parking brake released, it indicates that the brake fluid level is low.

In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

Anti-lock Brake System (ABS) Warning Light



This warning light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It illuminates for approximately 3 seconds and then goes off.
- When there is a malfunction with the ABS (The normal braking system will still be operational without the assistance of the anti-lock brake system).

  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

Electronic Brake force Distribution (EBD) System Warning Light



These two warning lights illuminate at the same time while driving:

- When the ABS and regular brake system may not work normally.

  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

⚠ WARNING - Electronic Brake force Distribution (EBD) System Warning Light

When both ABS and Parking Brake & Brake Fluid Warning Lights are on, the brake system will not work normally and you may experience an unexpected and dangerous situation during sudden braking.

In this case, avoid high speed driving and abrupt braking.

Have your vehicle inspected by an authorized HYUNDAI dealer as soon as possible.

✻ NOTICE - Electronic Brake force Distribution (EBD) System Warning Light

When the ABS Warning Light is on or both ABS and Parking Brake & Brake Fluid Warning Lights are on, the speedometer, odometer, or trip-meter may not work. Also, the EPS Warning Light may illuminate and the steering effort may increase or decrease.
In this case, have your vehicle inspected by an authorized HYUNDAI dealer as soon as possible.

Electronic Power Steering (EPS) Warning Light (if equipped)



This warning light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It remains on until the engine is started.
- When there is a malfunction with the EPS.

  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

Malfunction Indicator Lamp (MIL)



This warning light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It remains on until the engine is started.
- When there is a malfunction with the emission control system.

  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

⚠ CAUTION - Malfunction Indicator Lamp (MIL)

Driving with the Malfunction Indicator Lamp (MIL) on may cause damage to the emission control systems which could effect drivability and/or fuel economy.

⚠ CAUTION - Gasoline Engine

If the Malfunction Indicator Lamp (MIL) illuminates, potential catalytic converter damage is possible which could result in loss of engine power.

In this case, have your vehicle inspected by an authorized HYUNDAI dealer as soon as possible.

Charging System Warning Light



This warning light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It remains on until the engine is started.
- When there is a malfunction with either the alternator or electrical charging system.

If there is a malfunction with either the alternator or electrical charging system:

1. Drive carefully to the nearest safe location and stop your vehicle.
2. Turn the engine off and check the alternator drive belt for looseness or breakage.

   If the belt is adjusted properly, there may be a problem in the electrical charging system.

   In this case, have your vehicle inspected by an authorized HYUNDAI dealer as soon as possible.

Engine Coolant Temperature Warning Light (if equipped)



This warning light illuminates:

- When the engine coolant temperature is above 120°C (248°F). This means that the engine is overheated and may be damaged.

  If your vehicle is overheated, refer to “Overheating” in chapter 6.

⚠ CAUTION - Engine Overheating

Do not continue driving with the engine overheated. Otherwise engine may be damaged.

Engine Oil Pressure Warning Light



This warning light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It remains on until the engine is started.
- When the engine oil pressure is low.

If the engine oil pressure is low:

1. Drive carefully to the nearest safe location and stop your vehicle.
2. Turn the engine off and check the engine oil level (For more details, refer to “Engine Oil” in section 7). If the level is low, add oil as required.

   If the warning light remains on after adding oil or if oil is not available, have your vehicle inspected by an authorized HYUNDAI dealer as soon as possible.

⚠ CAUTION - Engine Oil Pressure Warning Light

- ***If the engine does not stop immediately after the Engine Oil Pressure Warning Light is illuminated, severe damage could result.***
- ***If the warning light stays on while the engine is running, it indicates that there may be serious engine damage or malfunction. In this case,***
  1. ***Stop the vehicle as soon as it is safe to do so.***
  2. ***Turn off the engine and check the oil level. If the oil level is low, fill the engine oil to the proper level.***
  3. ***Start the engine again. If the warning light stays on after the engine is started, turn the engine off immediately. In this case, have your vehicle inspected by an authorized HYUNDAI dealer.***

Low Fuel Level Warning Light



This warning light illuminates:

When the fuel tank is nearly empty.

If the fuel tank is nearly empty:

Add fuel as soon as possible.

⚠ CAUTION - Low Fuel Level

Driving with the Low Fuel Level warning light on or with the fuel level below “0 or E” can cause the engine to misfire and damage the catalytic converter (if equipped).

Door Ajar Warning Light



This warning light illuminates:

When a door is not closed securely.

Tailgate Open Warning Light



This warning light illuminates:

When the tailgate is not closed securely.

All Wheel Drive (AWD) Warning Light (if equipped)



This warning light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It illuminates for approximately 3 seconds and then goes off.
- When there is a malfunction with the AWD system.

  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

Indicator Lights

Electronic Stability Control (ESC) Indicator Light (if equipped)



This indicator light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It illuminates for approximately 3 seconds and then goes off.
- When there is a malfunction with the ESC system.

  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

This indicator light blinks:

While the ESC is operating.

For more details, refer to “Electronic Stability Control (ESC)” in chapter 5.

Electronic Stability Control (ESC) OFF Indicator Light (if equipped)



This indicator light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It illuminates for approximately 3 seconds and then goes off.
- When you deactivate the ESC system by pressing the ESC OFF button.

For more details, refer to “Electronic Stability Control (ESC)” in chapter 5.

ECO Indicator Light (if equipped)



This indicator light illuminates:

When you activate the active ECO system by pressing the ACTIVE ECO button.

For more details, refer to “Active ECO System” in chapter 5.

Immobilizer Indicator Light (Without Smart Key)



This indicator light illuminates:

- When the vehicle detects the immobilizer in your key properly while the ignition switch is ON.
  - At this time, you can start the engine.
  - The indicator light goes off after starting the engine.

This indicator light blinks:

- When there is a malfunction with the immobilizer system.

  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

Immobilizer Indicator Light (With Smart Key)



This indicator light illuminates for up to 30 seconds:

- When the vehicle detects the smart key in the vehicle properly while the Engine Start/Stop Button is ACC or ON.
  - At this time, you can start the engine.
  - The indicator light goes off after starting the engine.

This indicator light blinks for a few seconds:

- When the smart key is not in the vehicle.
  - At this time, you can not start the engine.

This indicator light illuminates for 2 seconds and goes off:

- When the vehicle can not detect the smart key which is in the vehicle while the Engine Start/Stop Button is ON.

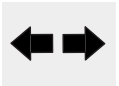
  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

This indicator light blinks:

- When the battery of the smart key is weak.
  - At this time, you can not start the engine. However, you can start the engine if you press the Engine Start/Stop Button with the smart key. (For more details, refer to “Starting the Engine” in section 5).
- When there is a malfunction with the immobilizer system.

  In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

Turn Signal Indicator Light



This indicator light blinks:

- When you turn the turn signal light on.

If any of the following occurs, there may be a malfunction with the turn signal system. In this case, have your vehicle inspected by an authorized HYUNDAI dealer.

- The indicator light does not blink but illuminates.
- The indicator light blinks more rapidly.
- The indicator light does not illuminate at all.

High Beam Indicator Light



This indicator light illuminates:

- When the headlights are on and in the high beam position
- When the turn signal lever is pulled into the Flash-to-Pass position.

Light ON Indicator Light



This indicator light illuminates:

- When the tail lights or headlights are on.

Front Fog Indicator Light (if equipped)



This indicator light illuminates:

- When the front fog lights are on.

All Wheel Drive (AWD) LOCK Indicator Light (if equipped)



This indicator light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It illuminates for approximately 3 seconds and then goes off.
- When you select AWD Lock mode by pressing the AWD LOCK button.
  - The AWD LOCK mode is to increase the drive power when driving on wet pavement, snow covered roads and/or off-road.

⚠ CAUTION - AWD Lock Mode

Do not use AWD LOCK mode on dry paved roads or highway, it can cause noise, vibration or damage of AWD related parts.

Cruise Indicator Light (if equipped)

CRUISE

This indicator light illuminates:

- When the cruise control system is enabled.

For more details, refer to “Cruise Control System” in section 5.

Cruise SET Indicator Light (if equipped)

SET

This indicator light illuminates:

- When the cruise control speed is set.

For more details, refer to “Cruise Control System” in section 5.

Downhill Brake Control (DBC) Indicator Light (if equipped)



This warning light illuminates:

- Once you set the ignition switch or Engine Start/Stop Button to the ON position.
  - It illuminates for approximately 3 seconds and then goes off.
- When you activate the DBC system by pressing the DBC button.

This warning light blinks:

- When the DBC is operating.

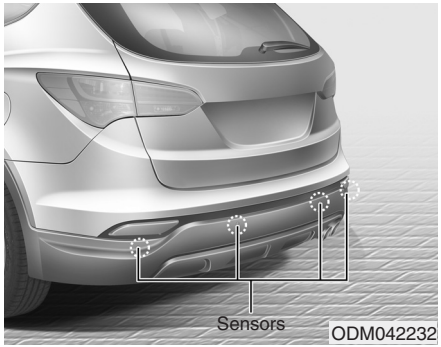
This warning light illuminates yellow:

- When there is a malfunction with the DBC system.

In this case, we recommend that you have the vehicle inspected by an authorized HYUNDAI dealer.

For more details, refer to “Downhill Brake Control (DBC) System” in chapter 5.

REAR PARKING ASSIST SYSTEM (IF EQUIPPED)



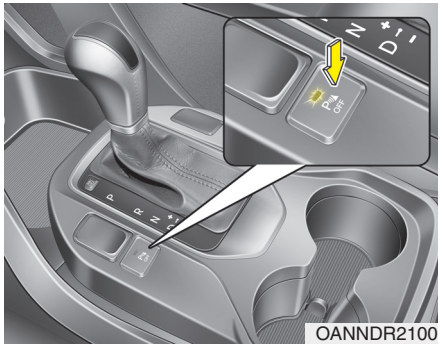
The rear parking assist system assists the driver during backward movement of the vehicle by chiming if any object is sensed within a distance of 120 cm (47 in.) behind the vehicle. This system is a supplemental system and it is not intended to nor does it replace the need for extreme care and attention of the driver. The sensing range and objects detectable by the back sensors are limited. Whenever backing-up, pay as much attention to what is behind you as you would in a vehicle without a rear parking assist system.

⚠ WARNING

The rear parking assist system is a supplementary function only. The operation of the rear parking assist system can be affected by several factors (including environmental conditions). It is the responsibility of the driver to always check the area behind the vehicle before and while backing up.

Operation of the rear parking assist system

Operating condition



- This system will activate when the indicator on the rear parking assist OFF button is not illuminated.

  If you desire to deactivate the rear parking assist system, press the rear parking assist OFF button again. (The indicator on the button will illuminate.) To turn the system on, press the button again. (The indicator on the button will go off.)

- This system will activate when backing up with the ignition switch ON.

  If the vehicle is moving at a speed over 6 mph (10 km/h), the system may not be activated correctly.
- The sensing distance while the rear parking assist system is in operation is approximately 120 cm (47 in.).
- When more than two objects are sensed at the same time, the closest one will be recognized first.

Types of warning sound

- When an object is 120 cm to 81 cm (47 in. to 32 in.) from the rear bumper: Buzzer beeps intermittently.
- When an object is 80 cm to 41 cm (31 in. to 16 in.) from the rear bumper: Buzzer beeps more frequently.
- When an object is within 15 in. (40 cm) of the rear bumper:

  Buzzer sounds continuously.

Non-operational conditions of rear parking assist system

The rear parking assist system may not operate properly when:

1. Moisture is frozen to the sensor. (It will operate normally when the moisture has been cleared.)
2. The sensor is covered with foreign matter, such as snow or water, or the sensor cover is blocked. (It will operate normally when the material is removed or the sensor is no longer blocked.)
3. Driving on uneven road surfaces (unpaved roads, gravel, bumps, gradient).
4. Objects generating excessive noise (vehicle horns, loud motorcycle engines, or truck air brakes) are within range of the sensor.
5. Heavy rain or water spray exists.
6. Wireless transmitters or mobile phones are within range of the sensor.
7. Trailer towing.

The detecting range may decrease when:

1. The sensor is stained with foreign matter such as snow or water. (The sensing range will return to normal when removed.)
2. Outside air temperature is extremely hot or cold.

The following objects may not be recognized by the sensor:

1. Sharp or slim objects such as ropes, chains or small poles.
2. Objects which tend to absorb the sensor frequency such as clothes, spongy material or snow.
3. Undetectable objects smaller than 1 m (40 in.) and narrower than 14 cm (6 in.) in diameter.

Rear parking assist system precautions

- The rear parking assist system may not sound sequentially depending on the speed and shapes of the objects detected.
- The rear parking assist system may malfunction if the vehicle bumper height or sensor installation has been modified or damaged. Any non-factory installed equipment or accessories may also interfere with the sensor performance.
- The sensor may not recognize objects less than 40 cm (15 in.) from the sensor, or it may sense an incorrect distance. Use caution.
- When the sensor is frozen or stained with snow, dirt, or water, the sensor may be inoperative until the stains are removed using a soft cloth.
- Do not push, scratch or strike the sensor. Sensor damage could occur.

✻ NOTICE

This system can only sense objects within the range and location of the sensors; it can not detect objects in other areas where sensors are not installed. Also, small or slim objects, such as poles or objects located between sensors may not be detected by the sensors.
Always visually check behind the vehicle when backing up.
Be sure to inform any drivers of the vehicle that may be unfamiliar with the system regarding the systems capabilities and limitations.

⚠ WARNING

Pay close attention when the vehicle is driven close to objects on the road, particularly pedestrians, and especially children. Be aware that some objects may not be detected by the sensors, due to the object's distance, size or material, all of which can limit the effectiveness of the sensor. Always perform a visual inspection to make sure the vehicle is clear of all obstructions before moving the vehicle in any direction.

Self-diagnosis (if equipped)

When you shift the gear to the R (Reverse) position and if one or more of the below occurs you may have a malfunction in the rear parking assist system.

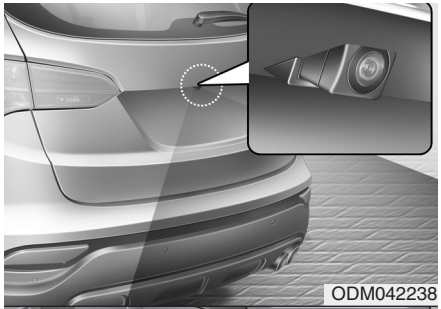
- You don't hear an audible warning sound or if the buzzer sounds intermittently.

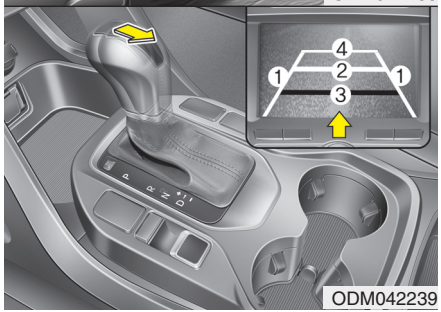
If this occurs, have your vehicle checked by an authorized HYUNDAI dealer as soon as possible.

⚠ WARNING

Your new vehicle warranty does not cover any accidents or damage to the vehicle or injuries to its occupants due to a rear parking assist system malfunction. Always drive safely and cautiously.

REAR VIEW CAMERA (IF EQUIPPED)





The rearview camera will activate when the back-up light is ON with the ignition switch ON and the shift lever in the R position.

This system is a supplemental system that shows behind the vehicle through the monitor while backing-up.

⚠ WARNING

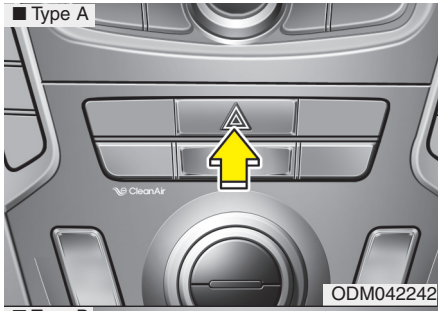
- **This system is a supplementary function only. It is the responsibility of the driver to always check the inside/outside rearview mirror and the area behind the vehicle before and while backing up.**
- **Always keep the camera lens clean. If the lens is covered with foreign matter, the camera may not operate normally.**

✻ NOTICE

The rearview camera may not operate normally, in extremely high or low temperatures (operating temperature : -20°C~65°C (-13°F~149°F)).

HAZARD WARNING FLASHER

■ Type A



ODM042242

■ Type B



ODM042243

The hazard warning flasher should be used whenever you find it necessary to stop the car in a hazardous location. When you must make such an emergency stop, always pull off the road as far as possible.

The hazard warning lights are turned on by pushing in the hazard switch. This causes all turn signal lights to blink. The hazard warning lights will operate even though the key is not in the ignition switch.

To turn the hazard warning lights off, push the switch a second time.

LIGHTING

Battery saver function

- The purpose of this feature is to prevent the battery from being discharged. The system automatically turns off the parking lights when the driver removes the ignition key (smart key : turns off the engine) and opens the driver-side door.
- With this feature, the parking lights will be turned off automatically if the driver parks on the side of road at night.

  If necessary, to keep the lights on when the ignition key is removed (smart key : turns off the engine), perform the following:

  1) Open the driver-side door.
  2) Turn the parking lights OFF and ON again using the light switch on the steering column.

Headlamp delay (if equipped)

If you turn the ignition switch to the ACC or OFF position with the headlights ON, the headlights remain on for about 5 minutes. However, if the driver's door is opened and closed, the headlights are turned off after 15 seconds.

The headlights can be turned off by pressing the lock button on the transmitter (or smart key) twice or turning the light switch to the OFF or Auto position.

However, if you turn the light switch to the Auto position when it is dark outside, the headlights will not be turned off.

You can activate or deactivate this feature. Refer to "User Settings" in this section.

⚠ CAUTION

If the driver gets out of the vehicle through other doors (other than the driver's door), the battery saver function does not operate and the headlamp delay does not turn off automatically. This will cause the battery to be discharged. In this case, make sure to turn off the lamp before getting out of the vehicle.

Daytime running light (if equipped)

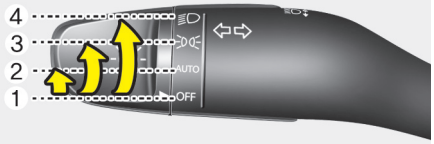
Daytime Running Lights (DRL) can make it easier for others to see the front of your vehicle during the day. DRL can be helpful in many different driving conditions, and it is especially helpful after dawn and before sunset.

The DRL system will turn OFF when:

- The headlights are ON.
- Engine stops.
- The parking brake is applied.

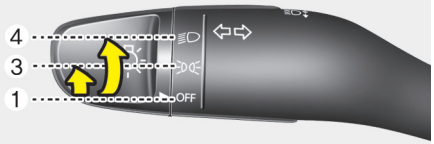
Lighting control

■ Type A



ODMECO2004

■ Type B



ODMECO2005

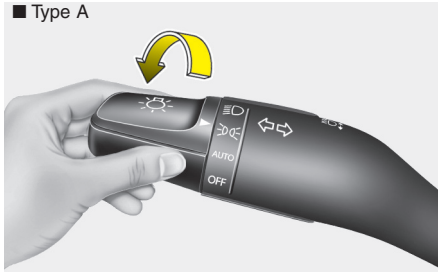
The light switch has a Headlight and a Parking light position.

To operate the lights, turn the knob at the end of the control lever to one of the following positions:

(1) OFF position
(2) Auto light position (if equipped)
(3) Parking light position
(4) Headlight position

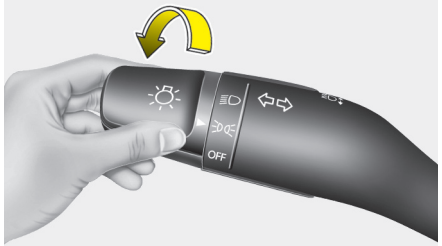
Parking light position ( )

■ Type A



ODMECO2008

■ Type B

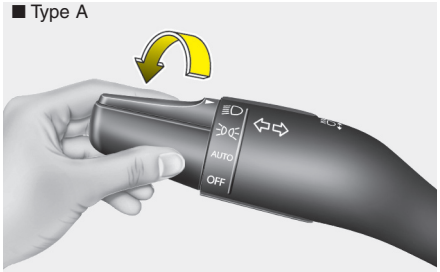


ODMECO2009

When the light switch is in the parking light position, the tail, position, license plate lights and the tail light indicator will turn on.

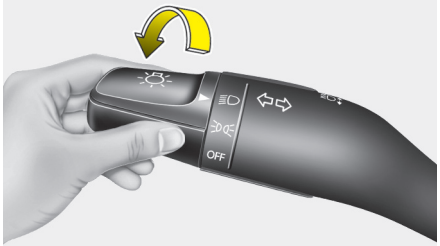
Headlight position ( )

■ Type A



ODMECO2010

■ Type B



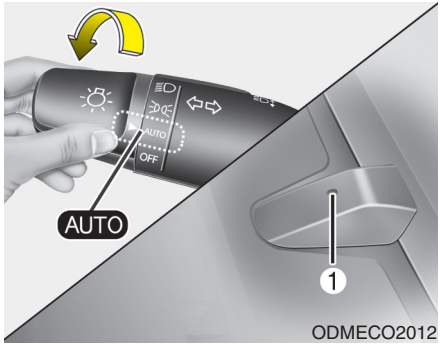
ODMECO2011

When the light switch is in the headlight position, the head, tail, license and instrument panel lights will turn on.

✻ NOTICE

The ignition switch must be in the ON position to turn on the headlights.

Auto light position (if equipped)



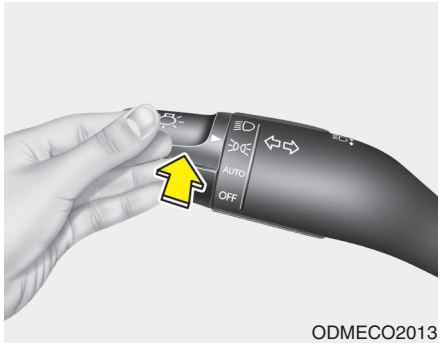
ODMECO2012

When the light switch is in the AUTO light position, the taillights and headlights will be turned ON or OFF automatically depending on the amount of light outside the vehicle.

⚠ CAUTION

- ***Never place anything over sensor (1) located on the instrument panel. This will ensure better auto-light system control.***
- ***Don't clean the sensor using a window cleaner. The cleaner may leave a light film which could interfere with sensor operation.***
- ***If your vehicle has window tint or other types of metallic coating on the front windshield, the Auto light system may not work properly.***

High beam operation



ODMECO2013

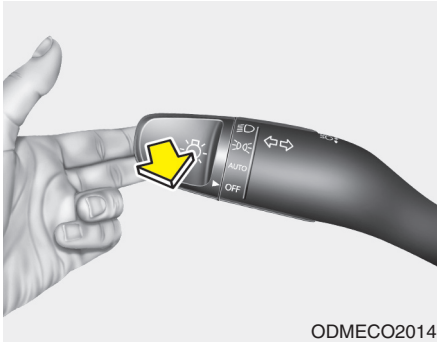
To turn on the high beam headlights, push the lever away from you. Pull it back for low beams.

The high beam indicator will light when the headlight high beams are switched on.

To prevent the battery from being discharged, do not leave the lights on for a prolonged time while the engine is not running.

⚠ WARNING

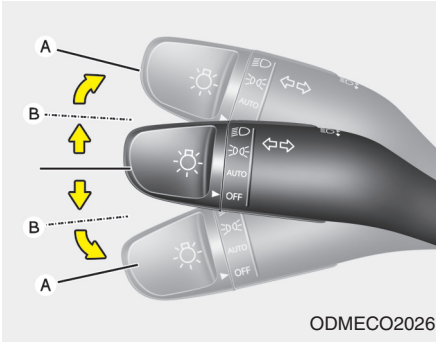
Do not use the high beams when there are other vehicles. Using high beam could obstruct the other driver's vision.



ODMECO2014

To flash the headlights, pull the lever towards you. It will return to the normal (low beam) position when released. The headlight switch does not need to be on to use this flashing feature.

Turn signals and lane change signals



ODMECO2026

The ignition switch must be on for the turn signals to function. To turn on the turn signals, move the lever up or down (A). Green arrow indicators on the instrument panel indicate which turn signal is operating. They will self-cancel after a turn is completed. If the indicator continues to flash after a turn, manually return the lever to the OFF position.

To signal a lane change, move the turn signal lever slightly and hold it in position (B). The lever will return to the OFF position when released.

If an indicator stays on and does not flash or if it flashes abnormally, one of the turn signal bulbs may be burned out and will require replacement.

One-touch triple turn signal

To activate an one-touch triple turn signal move the turn signal lever slightly for less than 1.8 seconds and then release it. The lane change signals will blink 3 times.

You can activate or deactivate this feature. Refer to “User Settings” in this section.

✻ NOTICE

If an indicator flash is abnormally quick or slow, a bulb may be burned out or have a poor electrical connection in the circuit.

Front fog light (if equipped)



ODMECO2015

Fog lights are used to provide improved visibility when visibility is poor due to fog, rain or snow, etc.

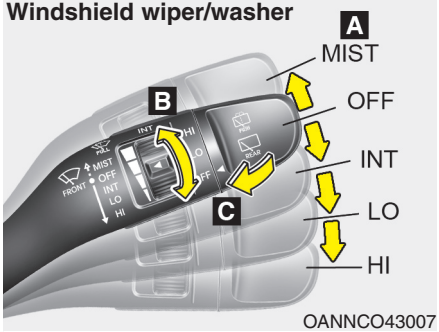
1. Turn on the park light.
2. Turn the light switch (1) to the front fog light position.
3. To turn off the front fog light, turn the light switch to the front fog light position again or turn off the park light.

⚠ CAUTION

When in operation, the fog lights consume large amounts of vehicle electrical power. Only use the fog lights when visibility is poor or unnecessary battery and generator drain could occur.

WIPERS AND WASHERS

Windshield wiper/washer



OANNCO43007

Rear window wiper/washer



OANNCO43008

A : Wiper speed control

- MIST – Single wipe
- OFF – Off
- INT – Intermittent wipe
- LO – Low wiper speed
- HI – High wiper speed

B : Intermittent wipe time adjustment

C : Wash with brief wipes (front)

D : Rear wiper/washer control

- HI – High wiper speed
- LO – Low wiper speed
- OFF – Off

E : Wash with brief wipes (rear)

* : if equipped

Windshield wipers

Operates as follows when the ignition switch is turned ON.

MIST : For a single wiping cycle, move the lever to this (MIST) position and release it. The wipers will operate continuously if the lever is held in this position.

OFF : Wiper is not in operation

INT : Wiper operates intermittently at the same wiping intervals. Use this mode in a light rain or mist. To vary the speed setting, turn the speed control knob.

LO : Normal wiper speed

HI : Fast wiper speed

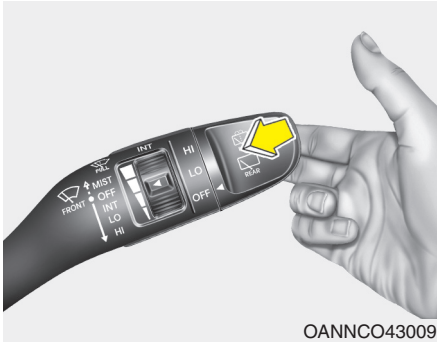
✻ NOTICE

If there is heavy accumulation of snow or ice on the windshield, defrost the windshield for about 10 minutes, or until the snow and/or ice is removed before using the windshield wipers to ensure proper operation.

✻ NOTICE

- **When you operate the wipers, if your vehicle has a problem in any part of the wiper operation system, the wiper may operate in the LO mode regardless of the wiper switch position. In this case, have your vehicle checked by an authorized HYUNDAI dealer as soon as possible.**
- **When the ignition key is removed, the wiper blade sometimes may move slightly for reducing the deterioration of the windshield wipers.**

Windshield washers



OANNCO43009

In the OFF position, pull the lever gently toward you to spray washer fluid on the windshield and to run the wipers 1-3 cycles.

Use this function when the windshield is dirty.

The spray and wiper operation will continue until you release the lever.

If the washer does not work, check the washer fluid level. If the fluid level is not sufficient, you will need to add appropriate non-abrasive windshield washer fluid to the washer reservoir.

The reservoir filler neck is located in the front of the engine compartment on the passenger side.

⚠ CAUTION

To prevent possible damage to the washer pump, do not operate the washer when the fluid reservoir is empty.

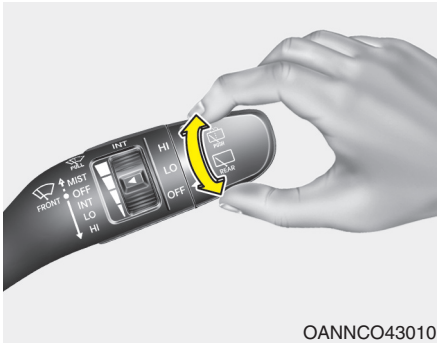
⚠ WARNING

Do not use the washer in freezing temperatures without first warming the windshield with the defrosters; the washer solution could freeze on the windshield and obscure your vision.

⚠ CAUTION

- ***To prevent possible damage to the wipers or windshield, do not operate the wipers when the windshield is dry.***
- ***To prevent damage to the wiper blades, do not use gasoline, kerosene, paint thinner, or other solvents on or near them.***
- ***To prevent damage to the wiper arms and other components, do not attempt to move the wipers manually.***

Rear window wiper and washer switch



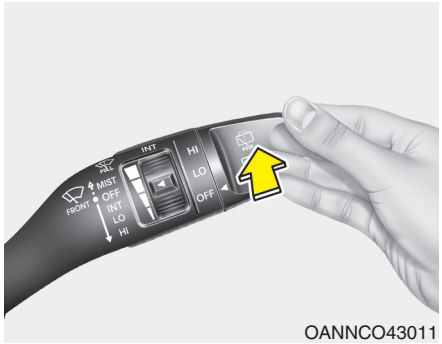
OANNCO43010

The rear window wiper and washer switch is located at the end of the wiper and washer switch lever. Turn the switch to the desired position to operate the rear wiper and washer.

HI : High wiper speed

LO : Low wiper speed

OFF : Off



OANNCO43011

Push the lever away from you to spray rear washer fluid and to run the rear wipers 1~3 cycles. The spray and wiper operation will continue until you release the lever.

INTERIOR LIGHT

⚠ CAUTION

Do not use the interior lights for extended periods when the engine is not running.

It may cause battery discharge.

⚠ WARNING

Do not use the interior lights when driving in the dark. Accidents could happen because the view may be obscured by interior lights.

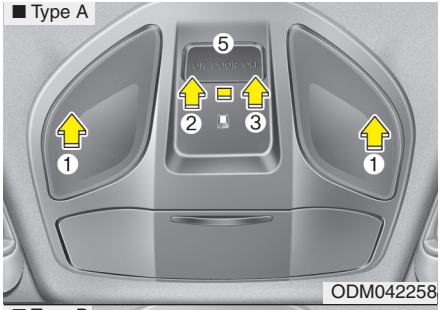
Automatic turn off function (if equipped)

The interior lights automatically turn off approximately 20 minutes after the ignition switch is turned off.

If your vehicle is equipped with the theft alarm system, the interior lights automatically turn off approximately 5 seconds after the system is in the armed stage.

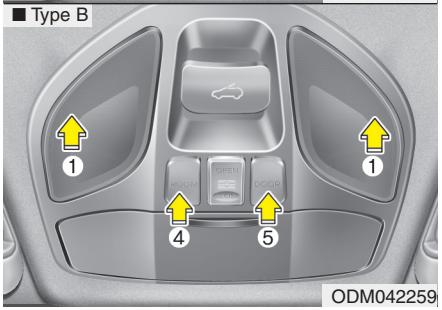
Map lamp (if equipped)

■ Type A



ODM042258

■ Type B



ODM042259

Press the lens (1) to turn the map lamp on or off

- ON (2): The map lamp and room lamp stays on at all times.

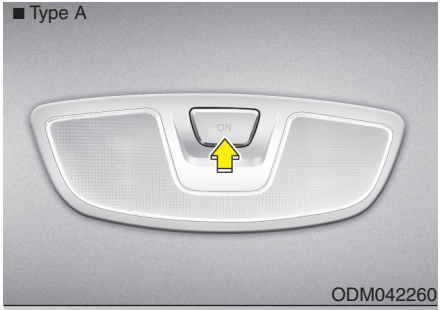
- OFF (3): The lamps are off even if a door is opened.
- ROOM (4): The map lamp and room lamp stays on at all times.
- DOOR (5):
  - The map lamp and room lamp comes on when a door is opened. The lamps go out after approximately 30 seconds.
  - The map lamp and room lamp comes on for approximately 30 seconds when doors are unlocked with a transmitter or smart key as long as the doors are not opened.
  - The map lamp and room lamp will stay on for approximately 20 minutes if a door is opened with the ignition switch in the ACC or LOCK/OFF position.
  - The map lamp and room lamp will stay on continuously if the door is opened with the ignition switch in the ON position.
  - The map lamp and room lamp will go out immediately if the ignition switch is changed to the ON position or all doors are locked.

✻ NOTICE

When the lamp is turned on by pressing the lens (1), the lamp does not turn off even if the switch is in the OFF position (3).

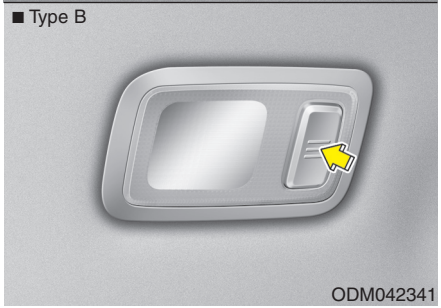
Room lamp

■ Type A



ODM042260

■ Type B



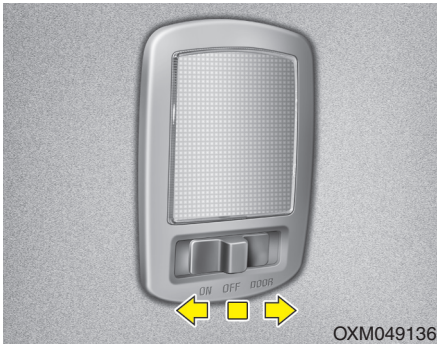
ODM042341

Press the button to turn the light on or off.

⚠ CAUTION

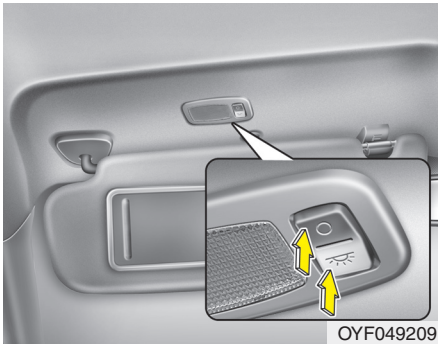
Do not leave the lamp switches on for an extended period of time when the vehicle is not running because the battery may drain.

Luggage room lamp



- ON : The luggage room lamp stays on at all times.
- DOOR : The luggage room lamp comes on when the tailgate is opened.
- OFF : The luggage room lamp is off.

Vanity mirror lamp (if equipped)



Pull the sunvisor downward and you can turn the vanity mirror lamp ON or OFF by pushing the button.

- : To turn the lamp ON.
- O : To turn the lamp OFF.

⚠ CAUTION

To prevent unnecessary battery drain, turn off the lamp by pushing the O button after using the lamp.

WELCOME SYSTEM (IF EQUIPPED)

Headlamp welcome

When the headlight(light switch in the headlight or AUTO position) is on and all doors (and tailgate) are locked and closed, the headlight, position light and tail light will come on for 15 seconds if any of the below is performed.

- Without smart key system
  - When the door unlock button is pressed on the transmitter.
- With the smart key system
  - When the door unlock button is pressed on the smart key.

At this time, if you press the door lock button (on the transmitter or smart key), the lights will turn off immediately.

Interior light

When the interior light switch is in the DOOR position and all doors (and tailgate) are locked and closed, the room lamp will come on for 30 seconds if any of the below is performed.

- Without smart key system
  - When the door unlock button is pressed on the transmitter.
- With the smart key system
  - When the door unlock button is pressed on the smart key.
  - When the button of the outside door handle is pressed.

At this time, if you press the door lock button, the lamps will turn off immediately.

Puddle lamp and pocket lamp (if equipped)

When all doors are locked and closed, the puddle lamp and pocket lamp will come on for 15 seconds if any of the below is performed.

- Without smart key system
  - When the door unlock button is pressed on the transmitter.
- With the smart key system
  - When the door unlock button is pressed on the smart key.
  - When the button of the outside door handle is pressed.
  - When the vehicle is approached with the smart key in possession.

At this time, if you press the door lock button, the lamps will turn off immediately.

DEFROSTER

⚠ CAUTION

To prevent damage to the conductors bonded to the inside surface of the rear window, never use sharp instruments or window cleaners containing abrasives to clean the window.

✻ NOTICE

If you want to defrost and defog the front windshield, refer to "Windshield defrosting and defogging" in this section.

Rear window defroster

■ Manual climate control



ODM042271

■ Automatic climate control



ODM042272

The defroster heats the window to remove frost, fog and thin ice from the rear window, while the engine is running.

To activate the rear window defroster, press the rear window defroster button located in the center facia switch panel.

The indicator on the rear window defroster button illuminates when the defroster is ON.

If there is heavy accumulation of snow on the rear window, brush it off before operating the rear defroster.

The rear window defroster automatically turns off after approximately 20 minutes or when the ignition switch is turned off. To turn off the defroster, press the rear window defroster button again.

Outside rearview mirror defroster (if equipped)

If your vehicle is equipped with the outside rearview mirror defrosters, they will operate at the same time you turn on the rear window defroster.

Front wiper deicer (if equipped)

If your vehicle is equipped with the front wiper deicer, it will be operating at the same time you operate the front windshield defroster.

MANUAL CLIMATE CONTROL SYSTEM (IF EQUIPPED)



1. MAX A/C (Max air conditioning) button
2. A/C (Air conditioning) button
3. Mode selection buttons
4. Fan speed control knob
5. Rear window defroster button
6. Front windshield defrost button
7. Temperature control switch
8. Air intake control button

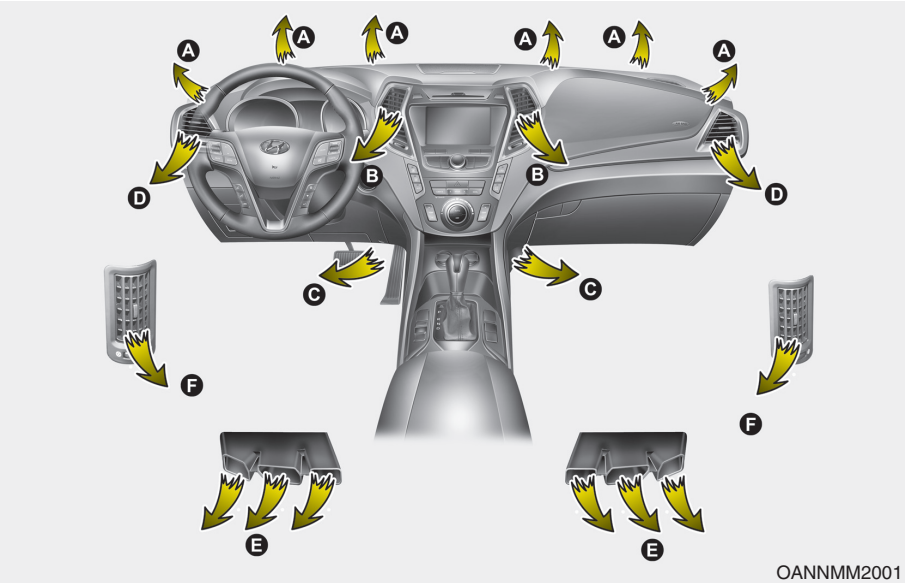
ODM042273

Heating and air conditioning

1. Start the engine.
2. Set the mode to the desired position.

   To improve the effectiveness of heating and cooling :

   - Heating:
   - Cooling:
3. Set the temperature control to the desired position.
4. Set the air intake control to the outside (fresh) air or recirculated air position.
5. Set the fan speed control to the desired speed.
6. If air conditioning is desired, turn the air conditioning system on

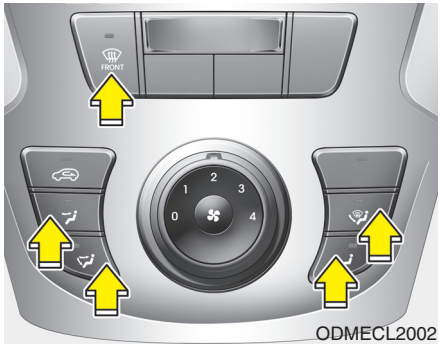


OANNMM2001

❋ Air outlet vents for rear seat (E, F)

- The air flow of the rear outlet vents (F)is controlled by the front climate control system and delivered through the inside air duct of the floor.
- The air flow of the rear outlet vents (E, F) may be weaker than the instrument panel vents for the long air duct.
- Close the rear outlet vents (F) in cold weather. The air flow of the rear outlet vents may not be as warm during heating operation. (Use the rear outlet vents (F) during cooling operation.)

Mode selection



The mode selection button controls the direction of the air flow through the ventilation system.

Face-Level (B, D, F)

Air flow is directed toward the upper body and face. Additionally, each outlet can be controlled to direct the air discharged from the outlet.

Bi-Level (B, D, E, C, F)

Air flow is directed towards the face and the floor.

Floor-Level (C, A, D, E)

Most of the air flow is directed to the floor, with a small amount of the air being directed to the windshield, side window defrosters, and side vents.

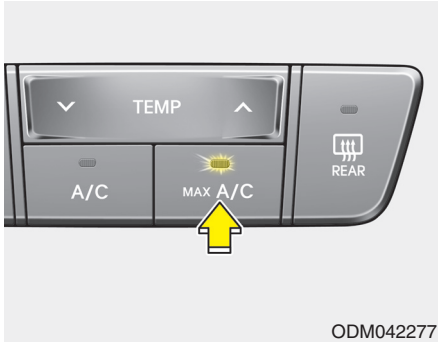
Floor/Defrost-Level (A, C, D, E)

Most of the air flow is directed to the floor and the windshield with a small amount directed to the side window defrosters, and side vents.

Defrost-Level (A, D)

Most of the air flow is directed to the windshield with a small amount of air directed to the side vents.

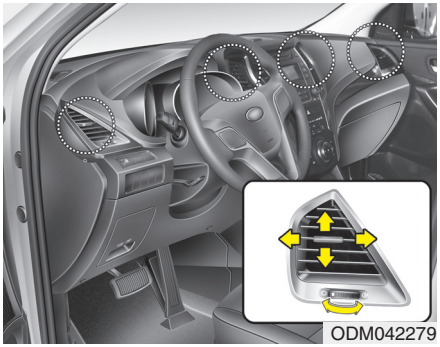
MAX A/C-Level (B, D)



ODM042277

To operate the MAX A/C, turn the fan speed control knob to the right to maximum fan speed, then press the MAX A/C button. Air flow is directed toward the upper body and face.

In this mode, the air conditioning, the recirculated air position and max cool temperature will be selected automatically.



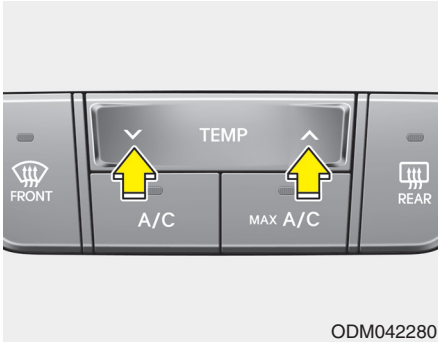
ODM042279

Instrument panel vents

The outlet vents can be opened or closed separately using the thumb-wheel.

Also, you can adjust the direction of air delivered from these vents using the vent control lever as shown.

Temperature control



ODM042280

The temperature control switch allows you to control the temperature of the airflow in the vehicle.

To change the temperature:

- Press the ∧ (red) switch to increase temperature.
- Press the ∨ (blue) switch to decrease temperature.

The temperature status will be displayed at the above switch panel as an indicator.

Air intake control



This is used to select outside (fresh) air position or recirculated air position.

To change the air intake control position, push the control button.

Recirculated air position



The indicator light on the button illuminates when the recirculated air position is selected.

With the recirculated air position selected, air from the passenger compartment will be drawn through the heating system and heated or cooled according to the function selected.

Outside (fresh) air position



With the outside (fresh) air position selected, air enters the vehicle from outside and is heated or cooled according to the function selected.

✻ NOTICE

Prolonged operation of the heater in the recirculated air position (without air conditioning selected) may cause fogging of the windshield and side windows and the air within the passenger compartment may become stale.

In addition, prolonged operation of the air conditioning with the recirculated air position selected will result in excessively dry air in the passenger compartment.

⚠ WARNING

- **Continued use of the climate control system operation in the recirculated air position without A/C selected may allow humidity to increase inside the vehicle which may fog the glass and obscure visibility.**
- **Do not sleep in a vehicle with the air conditioning or heating system on. This may cause serious harm or death due to a drop in the oxygen level and/or body temperature.**
- **Continued use of the climate control system operation in the recirculated air position may cause drowsiness or sleepiness and loss of vehicle control. Set the air intake control to the outside (fresh) air position as much as possible while driving.**

Fan speed control



ODM042282

The ignition switch must be in the ON position for fan operation.

The fan speed control knob allows you to control the fan speed of the air flowing from the ventilation system. To change the fan speed, turn the knob to the right for higher speed or left for lower speed.

Setting the fan speed control knob to the “0” position turns off the fan.

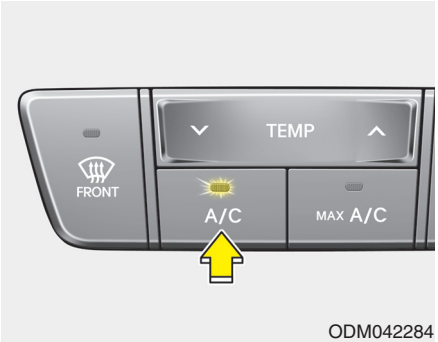
To turn off the blowers



ODM042283

To turn off the blowers, turn the fan speed control knob to the “0” position.

Air conditioning



ODM042284

Press the A/C button to turn the air conditioning system on (indicator light will illuminate). Press the button again to turn the air conditioning system off.

System operation

Ventilation

1. Set the mode to the position.
2. Set the air intake control to the outside (fresh) air position.
3. Set the temperature control to the desired position.
4. Set the fan speed control to the desired speed.

Heating

1. Set the mode to the position.
2. Set the air intake control to the outside (fresh) air position.
3. Set the temperature control to the desired position.
4. Set the fan speed control to the desired speed.
5. If dehumidified heating is desired, turn the air conditioning system (if equipped) on.

- If the windshield fogs up, set the mode to the or position.

Operation Tips

- To prevent dust or unpleasant fumes from entering the vehicle through the ventilation system, temporarily set the air intake control to the recirculated air position. Be sure to return the control to the fresh air position when the irritation has passed to keep fresh air in the vehicle. This will help keep the driver alert and comfortable.
- Air for the heating/cooling system is drawn in through the grilles just ahead of the windshield. Care should be taken that these are not blocked by leaves, snow, ice or other obstructions.
- To prevent interior fog on the windshield, set the air intake control to the fresh air position and fan speed to the desired position, turn on the air conditioning system, and adjust the temperature control to desired temperature.

Air conditioning

HYUNDAI Air Conditioning Systems are filled with environmentally friendly R-134a refrigerant.

1. Start the engine. Push the air conditioning button.
2. Set the mode to the position.
3. Set the air intake control to the recirculated air position. However, prolonged operation of the recirculated air position will excessively dry the air. In this case, change the air position.
4. Adjust the fan speed control and temperature control to maintain maximum comfort.

- When maximum cooling is desired, set the temperature control to the extreme left position then set the fan speed control to the highest speed.

✻ NOTICE

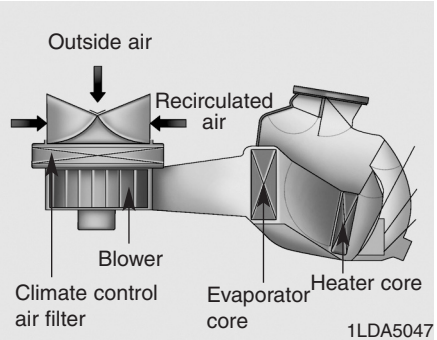
- **While using the air conditioning system, monitor the engine temperature gauge closely while driving up hills or in heavy traffic when outside temperatures are high. Air conditioning system operation may cause engine overheating. Continue to use the blower fan but turn the air conditioning system off if the engine temperature gauge indicates engine overheating.**
- **Opening the windows in humid weather air conditioning operates may create water droplets inside the vehicle. Since excessive water droplets may cause damage to electrical equipment, air conditioning should only be used with the windows closed.**

Air conditioning system operation tips

- If the vehicle has been parked in direct sunlight during hot weather, open the windows for a short time to let the hot air inside the vehicle escape.
- To help reduce moisture inside of the windows on rainy or humid days, decrease the humidity inside the vehicle by operating the air conditioning system.
- During air conditioning system operation, you may occasionally notice a slight change in engine speed as the air conditioning compressor cycles. This is a normal system operation characteristic.
- During the winter months, use the air conditioning system every month for a few minutes to ensure maximum system performance.
- When using the air conditioning system, you may notice clear water dripping (or even puddling) on the ground under the passenger side of the vehicle. This condensation is a normal system operation characteristic.

- Operating the air conditioning system in the recirculated air position provides maximum cooling, however, continual operation in this mode may cause the air inside the vehicle to become stale.
- During cooling operation, you may occasionally notice a misty air flow because of rapid cooling and humid air intake. This is a normal system operation characteristic.
- If you operate air conditioner excessively, the difference between the temperature of the outside air and that of the windshield could cause the outer surface of the windshield to fog up, causing loss of visibility. In this case, set the mode selection knob or button to the position and fan speed control to the lower speed.

Climate control air filter



The climate control air filter installed behind the glove box filters the dust or other pollutants that come into the vehicle from the outside through the heating and air conditioning system. If dust or other pollutants accumulate in the filter over a period of time, the air flow from the air vents may decrease, resulting in moisture accumulation on the inside of the windshield even when the outside (fresh) air position is selected. If this happens, have the climate control air filter replaced by an authorized HYUNDAI dealer.

✻ NOTICE

- **Replace the filter according to the Maintenance Schedule.**
  If the vehicle is being driven in severe conditions such as dusty, rough roads, more frequent climate control air filter inspections and changes are required.
- **When the air flow rate suddenly decreases, the system should be checked at an authorized HYUNDAI dealer.**

Checking the amount of air conditioner refrigerant and compressor lubricant

When the amount of refrigerant is low, the performance of the air conditioning is reduced. Overfilling also has a negative influence on the air conditioning system.

Therefore, if abnormal operation is found, have the system inspected by an authorized HYUNDAI dealer.

⚠ WARNING



Because the refrigerant is at very high pressure, the air conditioning system should only be serviced by trained and certified technicians. It is important that the correct type and amount of oil and refrigerant is used, otherwise damage to the vehicle and personal injury may occur.

AUTOMATIC CLIMATE CONTROL SYSTEM (IF EQUIPPED)

■ Type A



■ Type B



1. A/C display
2. AUTO (automatic control) button
3. Blower OFF button
4. Air conditioning button
5. Driver's temperature control button
6. Front fan speed control knob
7. Air intake control button
8. Passenger's temperature control button
9. Mode selection button
10. Dual temperature control selection button
11. Front windshield defroster button
12. Rear window defroster button
13. Climate control information screen selection button*

* if equipped

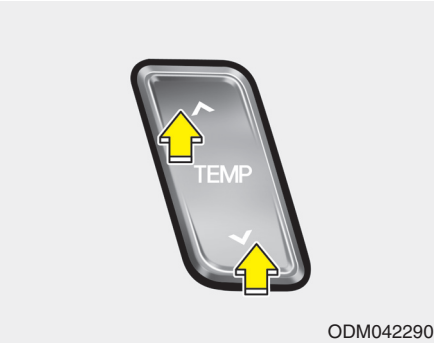
ODMECL2010/OANNMM2002

Automatic heating and air conditioning



ODM042287

1. Press the AUTO button.
The modes, fan speeds, air intake and air-conditioning will be controlled automatically according to the temperature setting.

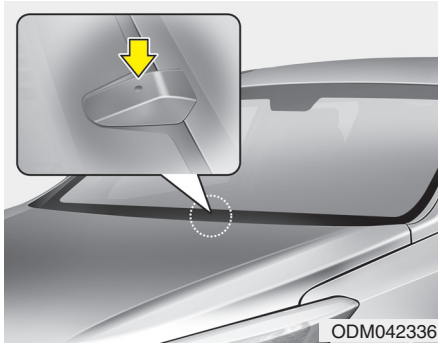


ODM042290

2. Set the driver's temperature control switch to set the desired temperature.

✻ NOTICE

- **To turn the automatic operation off, select any button or knob of the following:**
  - Mode selection button
  - Front windshield defrost button
  - Fan speed control knob
  The selected function will be controlled manually while other functions operate automatically.
- **For your convenience and to improve the effectiveness of the climate control, use the AUTO button and set the temperature to 23°C (73°F).**


ODM042336

✻ NOTICE

Never place anything over the sensor located on the instrument panel to ensure better control of the heating and cooling system.

Manual heating and air conditioning

The heating and cooling system can be controlled manually by pressing buttons or turning knob(s) other than the AUTO button. In this case, the system works sequentially according to the order of buttons or knob(s) selected.

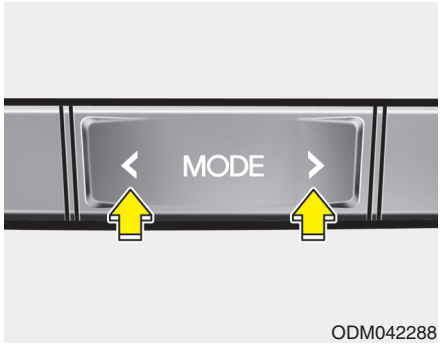
1. Start the engine.
2. Set the mode to the desired position.

   For improving the effectiveness of heating and cooling;

   - Heating:
   - Cooling:
3. Set the temperature control to the desired position.
4. Set the air intake control to the outside (fresh) air position.
5. Set the fan speed control to the desired speed.
6. If air conditioning is desired, turn the air conditioning system on.

Press the AUTO button in order to convert to full automatic control of the system.

Mode selection



ODM042288

The mode selection button controls the direction of the air flow through the ventilation system.

The air flow outlet port is converted as follows:



Refer to the illustration in the “Manual climate control system”.

Face-Level

Air flow is directed toward the upper body and face. Additionally, each outlet can be controlled to direct the air discharged from the outlet.

Bi-Level

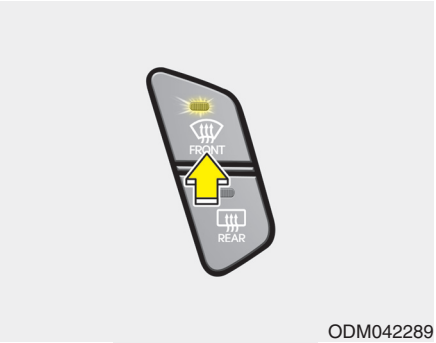
Air flow is directed towards the face and the floor.

Floor-Level

Most of the air flow is directed to the floor, with a small amount of the air being directed to the windshield and side window defrosters.

Floor & Defrost

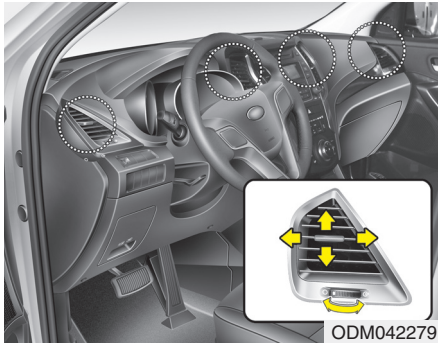
Most of the air flow is directed to the floor and the windshield with a small amount directed to the side window defrosters.



ODM042289

Defrost-Level

Most of the air flow is directed to the windshield with a small amount of air directed to the side window defrosters.

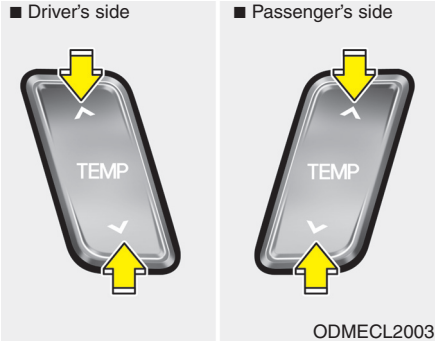

ODM042279

Instrument panel vents

The outlet vents can be opened or closed separately using the thumb-wheel.

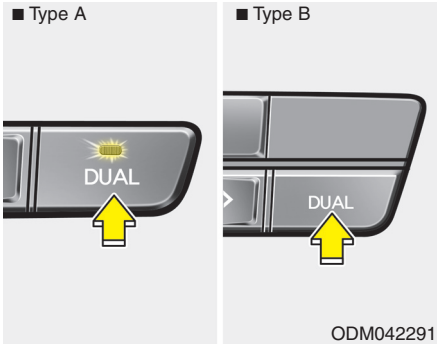
Also, you can adjust the direction of air delivered from these vents using the vent control lever as shown.

Temperature control



The temperature will increase by pushing the up button. Each push of the button will cause the temperature to increase by 0.5°C/1°F.

The temperature will decrease by pushing the down button. Each push of the button will cause the temperature to decrease by 0.5°C/1°F. When set to the lowest temperature setting, the air conditioning will operate continuously.



Adjusting the driver and passenger side temperature individually

1. Press the DUAL button to operate the driver and passenger side temperature individually. Pressing the right temperature control button will automatically switch to the DUAL mode as well.
2. Press the left temperature control button to adjust the driver side temperature. Press the right temperature control button to adjust the passenger side temperature.

When the driver side temperature is set to the highest or lowest temperature setting, the DUAL mode is deactivated for maximum heating or cooling.

Adjusting the driver and passenger side temperature equally

1. Press the DUAL button again to deactivate DUAL mode. The passenger side temperature will be set to the same temperature as the driver side temperature.
2. Press the left temperature control button. The driver and passenger side temperature will be adjusted equally.

Temperature conversion

If the battery has been discharged or disconnected, the temperature mode display will reset to Fahrenheit.

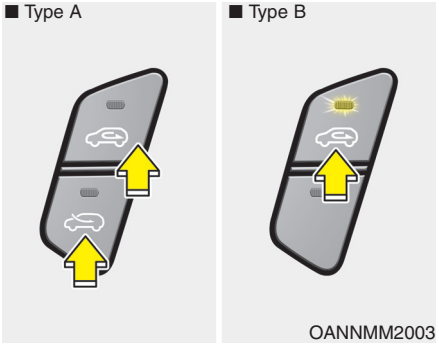
This is a normal condition. You can switch the temperature mode between Fahrenheit to Celsius as follows;

While pressing the OFF button, depress the AUTO button for 3 seconds or more. The display will change from Fahrenheit to Celsius, or from Celsius to Fahrenheit.

Air intake control

■ Type A

■ Type B



OANNMM2003

This is used to select the outside (fresh) air position or recirculated air position.

To change the air intake control position, push the control button.

Recirculated air position



■ Type A, B

The indicator light on the button illuminates when the recirculated air position is selected.

With the recirculated air position selected, air from the passenger compartment will be drawn through the heating system and heated or cooled according to the function selected.

Outside (fresh) air position



■ Type A



■ Type B

With the outside (fresh) air position selected, air enters the vehicle from outside and is heated or cooled according to the function selected.

✻ NOTICE

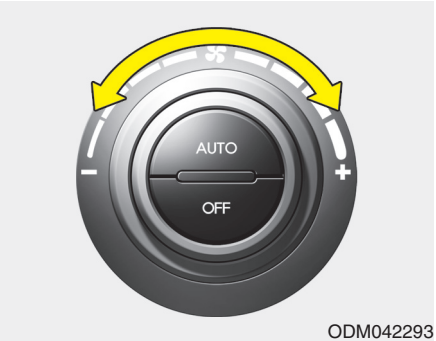
Prolonged operation of the heater in the recirculated air position (without air conditioning selected) may cause fogging of the windshield and side windows and the air within the passenger compartment may become stale.

In addition, prolonged use of the air conditioning with the recirculated air position selected will result in excessively dry air in the passenger compartment.

⚠ WARNING

- **Continued use of the climate control system operation in the recirculated air position may allow humidity to increase inside the vehicle which may fog the glass and obscure visibility.**
- **Do not sleep in a vehicle with the air conditioning or heating system on. This may cause serious harm or death due to a drop in the oxygen level and/or body temperature.**
- **Continued use of the climate control system operation in the recirculated air position may cause drowsiness or sleepiness and loss of vehicle control. Set the air intake control to the outside (fresh) air position as much as possible while driving.**

Fan speed control



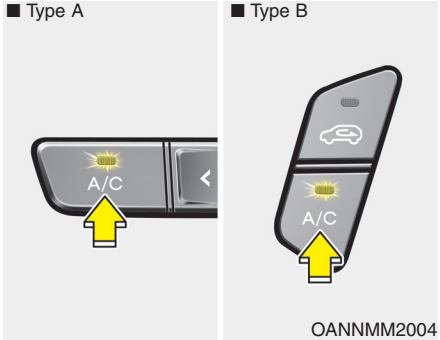
ODM042293

The fan speed can be set to the desired speed by turning the fan speed control knob.

The higher the fan speed is, the more air is delivered.

To turn off the fan speed, press the OFF button.

Air conditioning



OANNMM2004

Push the A/C button to turn the air conditioning system on (indicator light will illuminate).

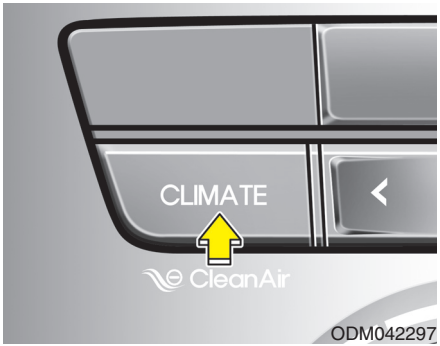
Push the button again to turn the air conditioning system off.

OFF mode



Push the OFF button to turn off the air climate control system. However, you can still operate the mode and air intake buttons as long as the ignition switch is in the ON position.

Climate information screen selection (if equipped)



Press the climate information screen selection button to display climate information on the screen.

WINDSHIELD DEFROSTING AND DEFOGGING

⚠ WARNING - Windshield heating

Do not use the or position during cooling operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield could cause the outer surface of the windshield to fog up, causing loss of visibility. In this case, set the mode selection knob or button to the position and fan speed control knob or button to a lower speed.

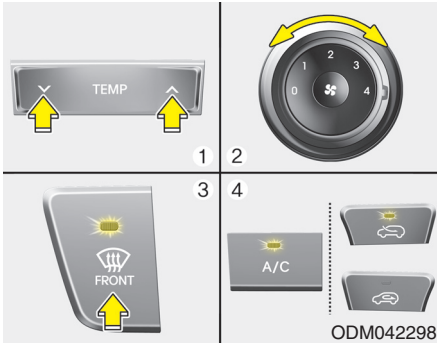
- For maximum defrosting, set the temperature control to the extreme right/hot position and the fan speed control to the highest speed.
- If warm air to the floor is desired while defrosting or defogging, set the mode to the floor-defrost position.
- Before driving, clear all snow and ice from the windshield, rear window, outside rear view mirrors, and all side windows.
- Clear all snow and ice from the hood and air inlet in the cowl grill to improve heater and defroster efficiency and to reduce the probability of fogging up the inside of the windshield.

✻ NOTICE

Be sure to keep the interior surface of the windshield clean by wiping it with a clean cloth and glass cleaner. This will help reduce the tendency of the glass fogging and also improve visibility.

Manual climate control system

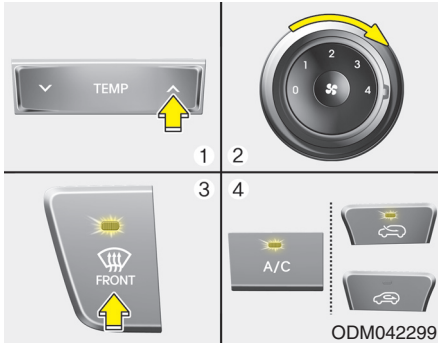
To defog inside windshield



1. Select desired temperature.
2. Select any fan speed except “0” position.
3. Select the or position.
4. The outside (fresh) air will be selected automatically.

If the outside (fresh) air position is not selected automatically, press the corresponding button manually.

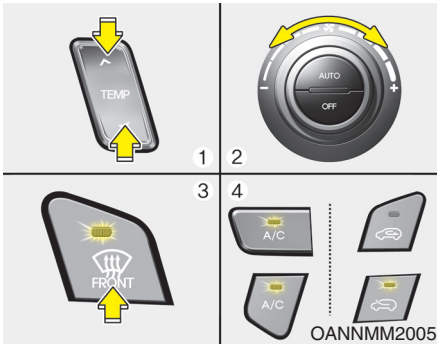
To defrost outside windshield



1. Set the temperature to the extreme hot position.
2. Set the fan speed to the highest (extreme right) position.
3. Select the position.
4. The outside (fresh) air will be selected automatically.

Automatic climate control system

To defog inside windshield

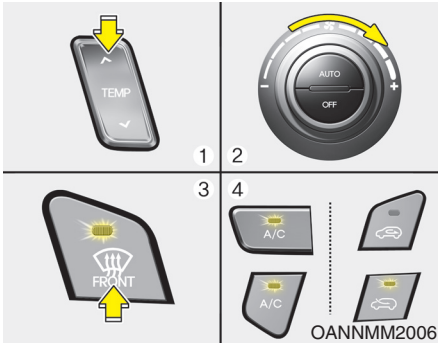


1. Select desired temperature.
2. Select desired fan speed.
3. Press the defrost button ( ).
4. The outside (fresh) air position will be selected automatically.

If the outside (fresh) air position is not selected automatically, adjust the corresponding button manually.

If the position is selected, lower fan speed is adjusted to a higher fan speed.

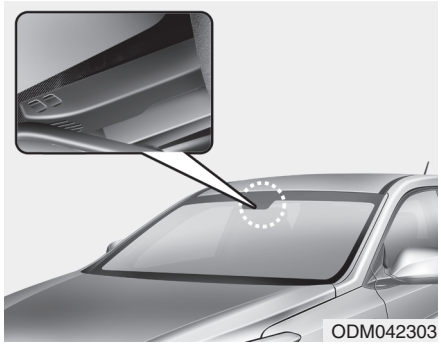
To defrost outside windshield



1. Set the temperature to the extreme hot (HI) position.
2. Set the fan speed to the highest (extreme right) position.
3. Press the defrost button ( ).
4. The outside (fresh) air position will be selected automatically.

If the position is selected, lower fan speed is adjusted to a higher fan speed.

Auto defogging system (if equipped)



Auto defogging reduces the probability of fogging up the inside of the windshield by automatically sensing the moisture of inside the windshield.

The auto defogging system operates when the heater or air conditioning is on.



This indicator illuminates when the auto defogging system senses the moisture of inside the windshield and operates.

If more moisture is in the vehicle, the automated steps operate as follows:

If auto defogging does not defog the window at step 1, outside air position, step 2, blowing air toward the windshield occurs.

Step 1 : Outside air position

Step 2 : Blowing air toward the windshield

Step 3 : Increasing air flow toward the windshield

Step 4 : Operating the air conditioning

Step 5 : Maximizing the air conditioning

The auto defogging system is automatically activated when the conditions are met. However, if you would like to cancel the auto defogging system, press the front defroster button 4 times within 2 seconds while pressing the AUTO button. The indicator of the front defroster button will blink 3 times to notify you that the system is cancelled. To use the auto defogging system again, follow the procedures mentioned above.

If the battery has been disconnected or discharged, it resets to the auto defogging status.

✻ NOTICE

- **When the air conditioning is turned on by Auto defogging system, if you try to turn off the air conditioning, the indicator will blink 3 times and the air conditioning will not be turned off.**
- **For efficiency, do not select recirculated air position while Auto defogging system is operating.**

⚠ CAUTION

Do not remove the sensor cover located on the upper end of the driver side windshield glass. Damage to system parts could occur and may not be covered by your vehicle warranty.

STORAGE COMPARTMENTS

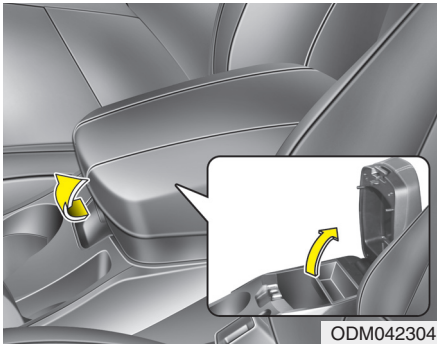
⚠ CAUTION

- *To avoid possible theft, do not leave valuables in the storage compartments.*
- *Always keep the storage compartment covers closed while driving. Do not attempt to place so many items in the storage compartment that the storage compartment cover cannot close securely.*

⚠ WARNING - Flammable materials

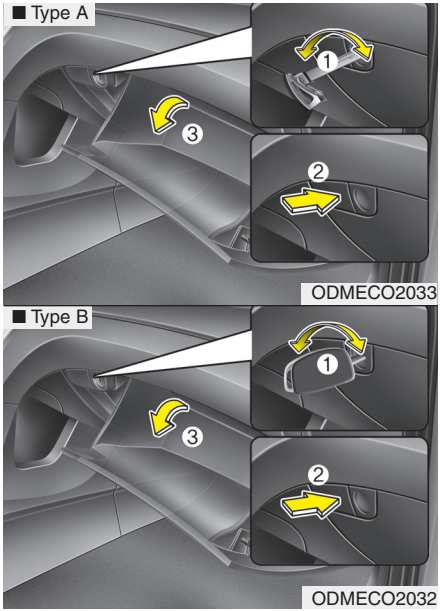
Do not store cigarette lighters, propane cylinders, or other flammable/explosive materials in the vehicle. These items may catch fire and/or explode if the vehicle is exposed to hot temperatures for extended periods.

Center console storage



To open the center console storage, pull up the lever.

Glove box



The glove box can be locked and unlocked with the mechanical key (1).

To open the glove box, push the button (2) and the glove box will automatically open (3). Close the glove box after use.

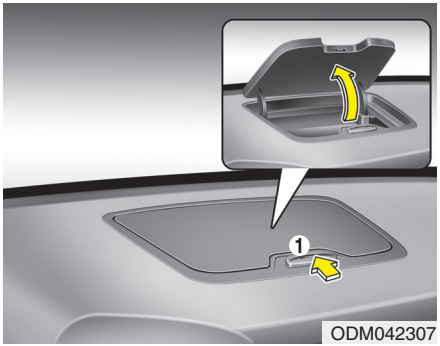
⚠ WARNING

To reduce the risk of injury in an accident or sudden stop, always keep the glove box door closed while driving.

⚠ CAUTION

Do not keep food in the glove box for a long time.

Multi box (if equipped)



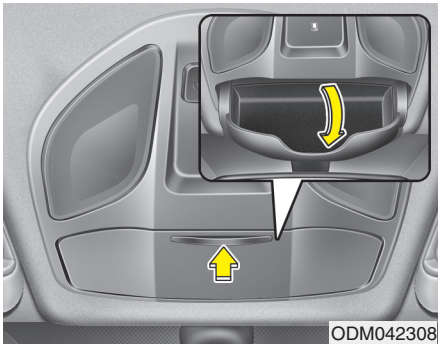
To open the cover, push the lever (1) and the multi box will open automatically.

It can be used for storing small items.

⚠ CAUTION

Do not drive with the multi box open.

Sunglass holder



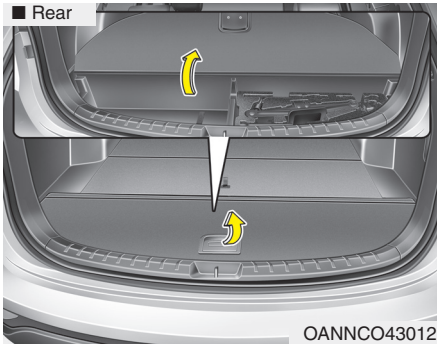
To open the sunglass holder, press the cover and the holder will slowly open. Place your sunglasses in the compartment door with the lenses facing out. Push to close.

⚠ WARNING

- **Do not keep objects except sunglasses inside the sunglass holder. Such objects can be thrown from the holder in the event of a sudden stop or an accident, possibly injuring the passengers in the vehicle.**
- **Do not open the sunglass holder while the vehicle is moving. The rear view mirror of the vehicle can be blocked by an open sunglass holder.**

Luggage tray

■ Rear



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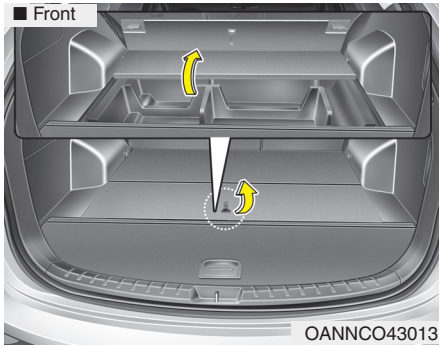
You can place a first aid kit, a reflector triangle, tools, etc. in the box for easy access.

Rear

- Grasp the handle on the top of the cover and lift it.

■ Front



OANNCO43013

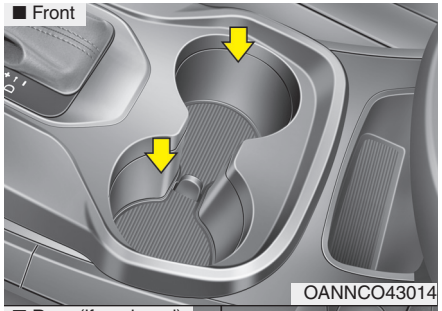
Front

1. Grasp the handle on the top of the cover and lift it.
2. Push the cover toward the front of the vehicle and fold it.

INTERIOR FEATURES

Cup holder

■ Front



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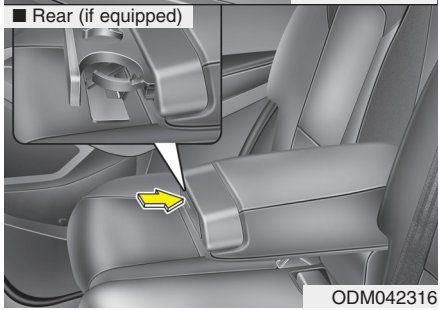
■ Rear (if equipped)



ODM042316

Cups or small beverage cans may be placed in the cup holders.

To use the center cup holder, pull down the armrest and press the open button.

⚠ WARNING - Hot liquids

- **Do not place uncovered cups of hot liquid in the cup holder while the vehicle is in motion. If the hot liquid spills, you may burn yourself. Such a burn to the driver could lead to loss of control of the vehicle.**
- **To reduce the risk of personal injury in the event of sudden stop or collision, do not place uncovered or unsecured bottles, glasses, cans, etc., in the cup holder while the vehicle is in motion.**

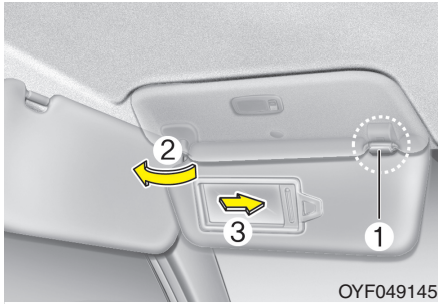
⚠ WARNING

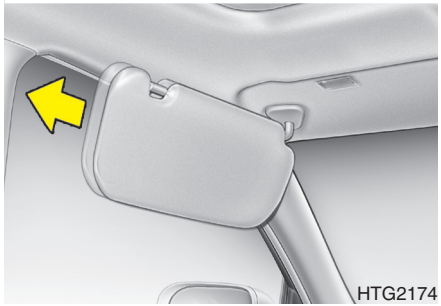
Keep cans or bottles out of direct sun light and do not put them in a vehicle that is heated up. It may explode.

⚠ CAUTION

When cleaning spilled liquids, do not dry the cup holder at high temperatures. This may damage the chrome part of the cup holder.

Sunvisor





Use the sunvisor to shield direct light through the front or side windows.

To use a sunvisor, pull it downward.

To use a sunvisor for a side window, pull it downward, unsnap it from the bracket (1) and swing it to the side (2).

To use the vanity mirror, pull down the visor and slide the mirror cover (3).

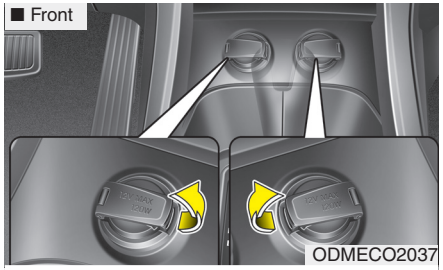
Adjust the sunvisor extension (if equipped) forward or backward (4).

⚠ CAUTION

- ***Always have the switch in the off position when the vanity mirror lamp is not in use. If the sunvisor is closed without the lamp off, it may discharge the battery or damage the sunvisor.***
- ***Always use the sunvisor extension, after swinging the sunvisor to the side.***

Power outlet

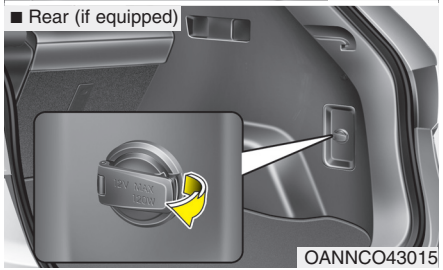
■ Front



■ Center



■ Rear (if equipped)



The power outlet is designed to provide power for mobile telephones or other devices designed to operate with vehicle electrical systems. The devices should draw less than 10 amps with the engine running.

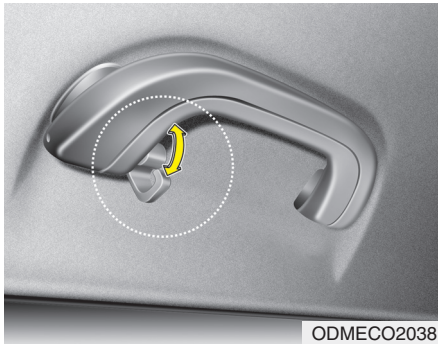
⚠ CAUTION

- ***Use the power outlet only when the engine is running and remove the accessory plug after use. Using the accessory plug for prolonged periods of time with the engine off could cause the battery to discharge.***
- ***Only use 12V electric accessories which are less than 10A in electric capacity.***
- ***Adjust the air-conditioner or heater to the lowest operating level when using the power outlet.***
- ***Close the cover when not in use.***
- ***Some electronic devices can cause electronic interference when plugged into a vehicle's power outlet. These devices may cause excessive audio static and malfunctions in other electronic systems or devices used in your vehicle.***

⚠ WARNING

Do not put fingers or foreign elements (pin, etc.) into a power outlet and do not touch with a wet hand. You may get an electric shock.

Clothes hanger (if equipped)

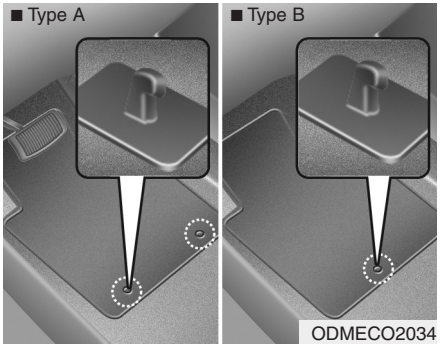


To use the hanger, pull down the upper portion of hanger.

⚠ CAUTION

Do not hang heavy clothes, because it may damage the hook.

Floor mat anchor(s)



When using a floor mat on the front floor carpet, make sure it attaches to the floor mat anchor(s) in your vehicle. This keeps the floor mat from sliding forward.

⚠ WARNING

The floor mat must be properly anchored so that it will not interfere with the operation of the accelerator pedal. Any interference with the accelerator pedal could cause the accelerator pedal to be unable to return to the idle position. A pedal that cannot return to the idle position could lead to an accident which may result in severe personal injury or death.

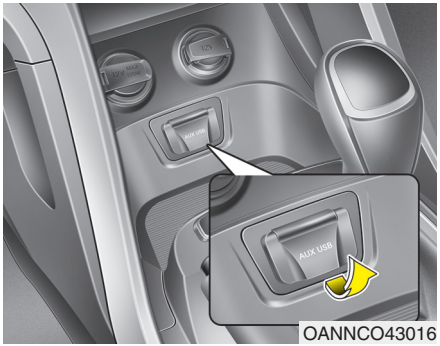
⚠ WARNING

The following must be observed when installing ANY floor mat to the vehicle, so that it will not interfere with the pedal.

- **Ensure that the floor mats are securely attached to the vehicle's floor mat anchor(s) before driving the vehicle.**
- **Do not use ANY floor mat that cannot be firmly attached to the vehicle's floor mat anchors.**
- **Do not stack floor mats on top of one another (e.g. all-weather rubber mat on top of a carpeted floor mat). Only a single floor mat should be installed in each position.**

IMPORTANT – Your vehicle was manufactured with driver's side floor mat anchors that are designed to securely hold the floor mat in place. To avoid any interference with pedal operation, HYUNDAI recommends that only the HYUNDAI floor mat designed for use in your vehicle be installed.

Aux, USB and iPod® port



If your vehicle has an aux and/or USB(universal serial bus) port or iPod® port, you can use an aux port to connect audio devices and a USB port to plug in a USB, or use the HYUNDAI accessory iPod® cable the plugs into both ports to connect an iPod®.

✻ NOTICE

When using a portable audio device connected to the power outlet, noise may occur during playback. If this happens, use the power source of the portable audio device.

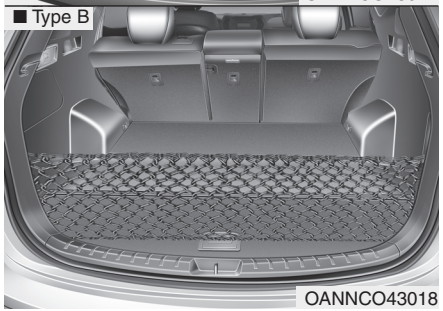
✻ iPod® is a trademark of Apple Inc.

Luggage net (holder) (if equipped)

■ Type A



■ Type B



To keep items from shifting in the cargo area, you can use the four holders located in the cargo area to attach the luggage net.

If necessary, contact your authorized HYUNDAI dealer to obtain a luggage net.

✻ NOTICE

Vehicles equipped with a luggage rail system may use the shackles to hook the luggage net.

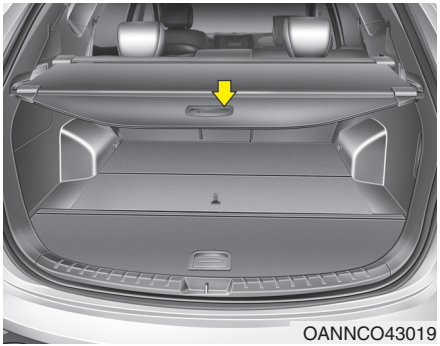
⚠ CAUTION

To prevent damage to the goods or the vehicle, care should be taken when carrying fragile or bulky objects in the luggage compartment.

⚠ WARNING

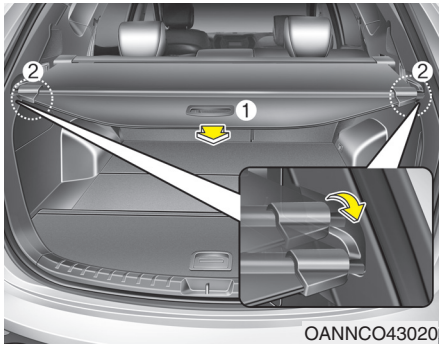
To avoid eye injury, DO NOT overstretch the luggage net. ALWAYS keep your face and body out of the luggage net's recoil path. DO NOT use the luggage net when the strap has visible signs of wear or damage.

Cargo security screen (if equipped)


OANNCO43019

Use the cargo security screen to hide items stored in the cargo area.

To use the cargo security screen



OANNCO43020

1. Pull the cargo security screen towards the rear of the vehicle by the handle (1).
2. Insert the guide pin into the guide (2).

✻ NOTICE

Pull out the cargo security screen with the handle in the center to prevent the guide pin from falling out of the guide.

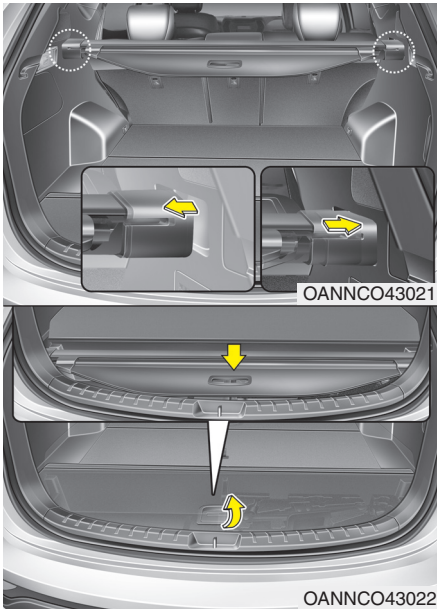
When the cargo security screen is not in use:

1. Pull the cargo security screen backward and up to release it from the guides.
2. The cargo security screen will automatically slide back in.

✻ NOTICE

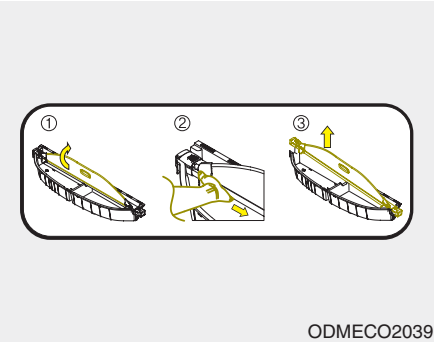
The cargo security screen may not automatically slide back in if the cargo security screen is not fully pulled out. Fully pull it out and then let go.

To remove the cargo security screen



1. Push in the guide pin.
2. While pushing the lever, pull out the cargo security screen.
3. Open the luggage tray and keep the cargo security screen in the tray.

To remove the cargo security screen from the luggage tray



1. Pull up the screen board.
2. Push in the guide pin.
3. While pushing the guide pin, pull out the cargo security screen.

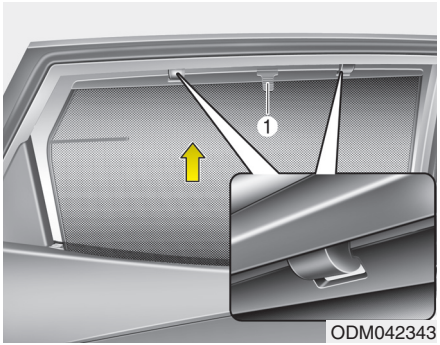
⚠ WARNING

- **Do not place objects on the cargo security screen. Such objects may be thrown about inside the vehicle and possibly injure vehicle occupants during an accident or when braking.**
- **Never allow anyone to ride in the luggage compartment. It is designed for luggage only.**
- **Maintain the balance of the vehicle and locate the weight as forward as possible.**

⚠ CAUTION

Since the cargo security screen may be damaged or malformed, do not put luggage on it when it is used.

Side curtain (if equipped)

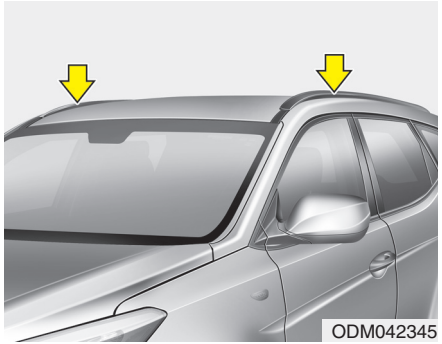


To use the side curtain:

1. Lift the curtain by the hook (1).
2. Hang the curtain on both sides of the hook.

EXTERIOR FEATURES

Roof rack (if equipped)



If the vehicle has a roof rack, you can load cargo on top of your vehicle.

✻ NOTICE

If the vehicle is equipped with a sunroof, be sure not to position cargo onto the roof rack in such a way that it could interfere with sunroof operation.

⚠ CAUTION

- ***When carrying cargo on the roof rack, take the necessary precautions to make sure the cargo does not damage the roof of the vehicle.***
- ***When carrying large objects on the roof rack, make sure they do not exceed the overall roof length or width.***

⚠ WARNING

- **The following specification is the maximum weight that can be loaded onto the roof rack. Distribute the load as evenly as possible onto the roof rack and secure the load firmly.**

ROOF RACK	100 kg (220 lbs.) EVENLY DISTRIBUTED

Loading cargo or luggage in excess of the specified weight limit on the roof rack may damage your vehicle.

(Continued)

(Continued)

- **The vehicle center of gravity will be higher when items are loaded onto the roof rack. Avoid sudden starts, braking, sharp turns, abrupt maneuvers or high speeds that may result in loss of vehicle control or rollover resulting in an accident.**
- **Always drive slowly and turn corners carefully when carrying items on the roof rack. Severe wind updrafts, caused by passing vehicles or natural causes, can cause sudden upward pressure on items loaded on the roof rack. This is especially true when carrying large, flat items such as wood panels or mattresses. This could cause the items to fall off the roof rack and cause damage to your vehicle or others around you.**
- **To prevent damage or loss of cargo while driving, check frequently before or while driving to make sure the items on the roof rack are securely fastened.**

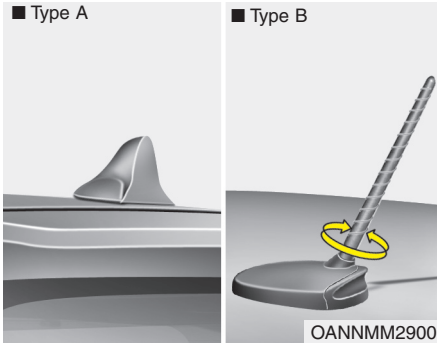
AUDIO SYSTEM

✻ NOTICE

If you install an aftermarket HID headlamp, your vehicle's audio and electronic device may malfunction.

Antenna

Roof antenna

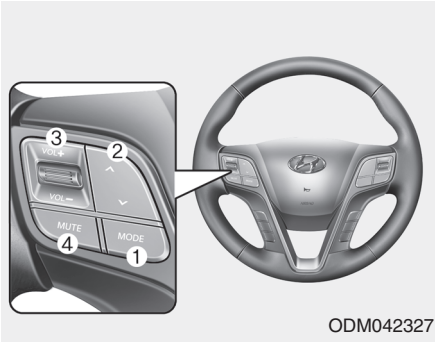


Your vehicle uses a roof antenna to receive both AM and FM broadcast signals. Type B antenna is removable. To remove the antenna, turn it counterclockwise. To install the antenna, turn it clockwise.

⚠ CAUTION

Before entering a place with a low height clearance or a car wash, remove the antenna by rotating it counterclockwise. If not, the antenna may be damaged.

Steering wheel audio control (if equipped)



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The steering wheel may incorporate audio control buttons.

⚠ CAUTION

Do not operate audio remote control buttons simultaneously.

MODE (1)

Press the button to change audio source.

PRESET/SEEK (∧ / ∨) (2)

The SEEK/PRESET button has different functions based on the system mode.

For the following functions the button should be pressed for 0.8 second or more.

RADIO mode

It will function as the AUTO SEEK select button.

CD/USB/iPod® mode

It will function as the FF/REW button.

If the SEEK/PRESET button is pressed for less than 0.8 second, it will work as follows in each mode.

RADIO mode

It will function as the PRESET STATION buttons.

CD/USB/iPod® mode

It will function as TRACK UP/DOWN button.

VOLUME (VOL+/-) (3)

- Push the lever upward (+) to increase the volume.
- Push the lever downward (-) to decrease the volume.

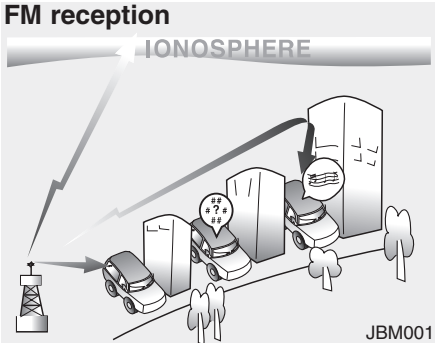
MUTE (4)

- Press the button to mute the sound.
- Press the button to turn off the microphone during a telephone call.

Detailed information for audio control buttons are described in the following pages in this section.

How vehicle audio works

FM reception

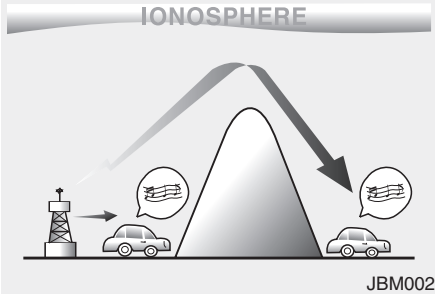


AM and FM radio signals are broadcast from transmitter towers located around your city. They are intercepted by the radio antenna on your vehicle. This signal is then processed by the radio and sent to your vehicle speakers.

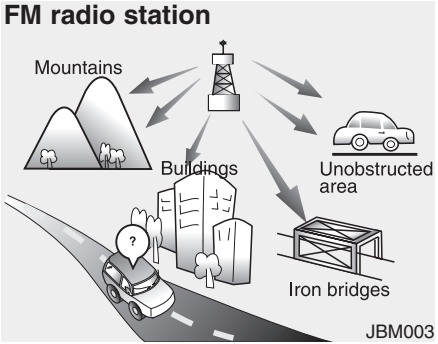
When a strong radio signal has reached your vehicle, the precise engineering of your audio system ensures the best possible quality reproduction. However, in some cases the signal coming to your vehicle may not be strong and clear.

This can be due to factors, such as the distance from the radio station, closeness of other strong radio stations or the presence of buildings, bridges or other large obstructions in the area.

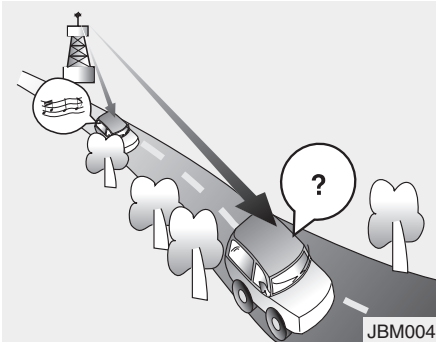
AM reception



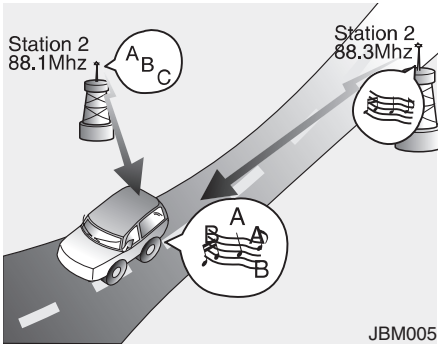
AM broadcasts can be received at greater distances than FM broadcasts. This is because AM radio waves are transmitted at low frequencies. These long distance, low frequency radio waves can follow the curvature of the earth rather than travelling straight. In addition, they curve around obstructions resulting in better signal coverage.



FM broadcasts are transmitted at high frequencies and do not bend to follow the earth's surface. Because of this, FM broadcasts generally begin to fade within short distances from the station. Also, FM signals are easily affected by buildings, mountains, and obstructions. This can lead to undesirable or unpleasant listening conditions which might lead you to believe a problem exists with your radio. The following conditions are normal and do not indicate radio trouble:



- Fading - As your vehicle moves away from the radio station, the signal will weaken and sound will begin to fade. When this occurs, we suggest that you select another stronger station.
- Flutter/Static - Weak FM signals or large obstructions between the transmitter and your radio can disturb the signal causing static or fluttering noises to occur. Reducing the treble level may lessen this effect until the disturbance clears.



- Station Swapping - As an FM signal weakens, another more powerful signal near the same frequency may begin to play. This is because your radio is designed to lock onto the clearest signal. If this occurs, select another station with a stronger signal.
- Multi-Path Cancellation - Radio signals being received from several directions can cause distortion or fluttering. This can be caused by a direct and reflected signal from the same station, or by signals from two stations with close frequencies. If this occurs, select another station until the condition has passed.

Using a cellular phone or a two-way radio

When a cellular phone is used inside the vehicle, noise may be produced from the audio system. This does not mean that something is wrong with the audio equipment. In such a case, try to operate mobile devices as far from the audio equipment as possible.

⚠ CAUTION

When using a communication system such as a cellular phone or a radio set inside the vehicle, a separate external antenna must be fitted. When a cellular phone or a radio set is used with an internal antenna alone, it may interfere with the vehicle's electrical system and adversely affect safe operation of the vehicle.

⚠ WARNING

Do not use a cellular phone while driving. Stop at a safe location to use a cellular phone.

Caring for disc

- If the temperature inside the car is too high, open the car windows to ventilate before using the system.
- It is illegal to copy and use MP3/WMA files without permission. Use CDs that are created only by lawful means.
- Do not apply volatile agents, such as benzene and thinner, normal cleaners and magnetic sprays made for analogue disc onto CDs.
- To prevent the disc surface from getting damaged, hold CDs by the edges or the center hole only.
- Clean the disc surface with a piece of soft cloth before playback (wipe it from the center to the outside edge).
- Do not damage the disc surface or attach pieces of sticky tape or paper.
- Make certain only CDs are inserted into the CD player (Do not insert more than one CD at a time).
- Keep CDs in their cases after use to protect them from scratches or dirt.

- Depending on the type of CD-R/CD-RW CDs, certain CDs may not operate normally according to the manufacturing companies. In such circumstances, continued use may cause malfunctions to your audio system.

✻ NOTICE

- Playing an Incompatible Copy Protected Audio CD

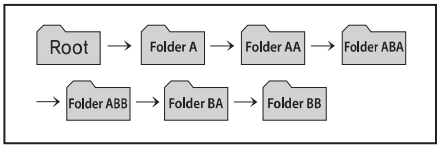
Some copy protected CDs, which do not comply with international audio CD standards (Red Book), may not play on your car audio. Please note that inabilities to properly play a copy protected CD may indicate that the CD is defective, not the CD player.

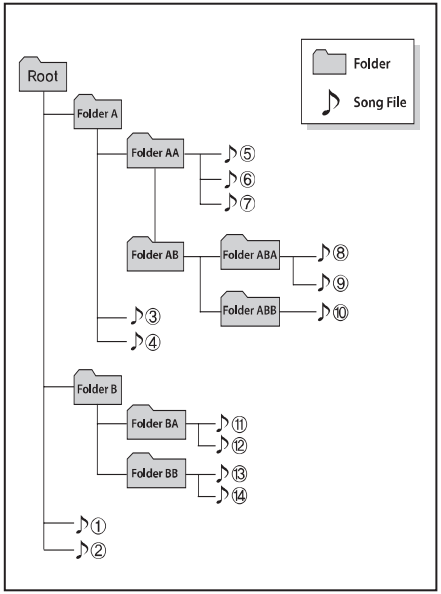
NOTE:

Order of playing files (folders) :

1. **Song playing order : ① to ⑭ sequentially.**
2. **Folder playing order :**

✻ If no song file is contained in the folder, that folder is not displayed.





⚠ WARNING

- **Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.**
- **Do not disassemble, assemble, or modify the audio system. Such acts could result in accidents, fire, or electric shock.**
- **Using the phone while driving may lead to a lack of attention of traffic conditions and increase the likelihood of accidents. Use the phone feature after parking the vehicle.**
- **Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.**

(Continued)

(Continued)

- **Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents(fires, electric shock) or product malfunctions.**
- **Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.**
- **Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.**
- **Use the system with the vehicle ignition turned on. Prolonged use with the ignition turned off could result in battery discharge.**

⚠ CAUTION

- ***Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. First park the vehicle before operating the device.***
- ***Adjust the volume to levels that allow the driver to hear sounds from outside of the vehicle. Driving in a state where external sounds cannot be heard may lead to accidents.***
- ***Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment. (Adjust the volume to a suitable levels before turning off the device.)***

(Continued)

(Continued)

- *If you want to change the position of device installation, please inquire with your place of purchase or service maintenance center. Technical expertise is required to install or disassemble the device.*
- *Turn on the car ignition before using this device. Do not operate the audio system for long periods of time with the ignition turned off as such operations may lead to battery discharge.*
- *Do not subject the device to severe shock or impact. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch screen.*

(Continued)

(Continued)

- *When cleaning the device, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause color/quality deterioration*
- *Do not place beverages close to the audio system. Spilling beverages may lead to system malfunction.*
- *In case of product malfunction, please contact your place of purchase or After Service center.*
- *Placing the audio system within an electromagnetic environment may result in noise interference.*

✻ NOTICE - USING THE USB DEVICE

- **To use an external USB device, make sure the device is not connected when starting up the vehicle. Connect the device after starting up.**
- **If you start the engine when the USB device is connected, it may damage the USB device. (USB flashdrives are very sensitive to electric shock.)**
- **If the engine is started up or turned off while the external USB device is connected, the external USB device may not work.**
- **The System may not play unauthenticated MP3 or WMA files.**

1) It can only play MP3 files with the compression rate between 8Kbps~320Kbps.

2) It can only play WMA music files with the compression rate between 8Kbps~320Kbps.

- **Take precautions for static electricity when connecting or disconnecting the external USB device.**

(Continued)

(Continued)

- **An encrypted MP3 PLAYER is not recognizable.**
- **Depending on the condition of the external USB device, the connected external USB device can be unrecognizable.**
- **When the formatted byte/sector setting of External USB device is not either 512BYTE or 2048BYTE, then the device will not be recognized.**
- **Use only a USB device formatted to FAT 12/16/32.**
- **USB devices without USB I/F authentication may not be recognizable.**
- **Make sure the USB connection terminal does not come in contact with the human body or other objects.**
- **If you repeatedly connect or disconnect the USB device in a short period of time, it may break the device.**
- **You may hear a strange noise when connecting or disconnecting a USB device.**

(Continued)

(Continued)

- **If you disconnect the external USB device during playback in USB mode, the external USB device can be damaged or may malfunction. Therefore, disconnect the external USB device when the audio is turned off or in another mode. (e.g, Radio, CD)**
- **Depending on the type and capacity of the external USB device or the type of the files stored in the device, there is a difference in the time taken for recognition of the device.**
- **Do not use the USB device for purposes other than playing music files.**
- **Playing videos through the USB is not supported.**
- **Use of USB accessories such as rechargers or heaters using USB I/F may lower performance or cause trouble.**

(Continued)

(Continued)

- **If you use devices such as a USB hub purchased separately, the vehicle's audio system may not recognize the USB device. In that case, connect the USB device directly to the multimedia terminal of the vehicle.**
- **If the USB device is divided by logical drives, only the music files on the highest-priority drive are recognized by car audio.**
- **Devices such as MP3 Player/ Cellular phone/Digital camera can be unrecognizable by standard USB I/F can be unrecognizable.**
- **Charging through the USB may not be supported in some mobile devices.**
- **USB HDD or USB types liable to connection failures due to vehicle vibrations are not supported. (i-stick type)**
- **Some non-standard USB devices (METAL COVER TYPE USB) can be unrecognizable.**

(Continued)

(Continued)

- **Some USB flash memory readers (such as CF, SD, micro SD, etc.) or external-HDD type devices can be unrecognizable.**
- **Music files protected by DRM (DIGITAL RIGHTS MANAGEMENT) are not recognizable.**
- **The data in the USB memory may be lost while using this audio. Always back up important data on a personal storage device.**
- **Please avoid using USB memory products which can be used as key chains or cellular phone accessories as they could cause damage to the USB jack. Please make certain only to use plug type connector products.**



✻ NOTICE - USING THE iPod® DEVICE

- Some iPod models may not support communication protocol and files may not properly play. Supported iPod models:
  - iPod Mini
  - iPod 4th(Photo) ~ 6th(Classic) generation
  - iPod Nano 1st~4th generation
  - iPod Touch 1st~2nd generation
- The order of search or playback of songs in the iPod can be different from the order searched in the audio system.
- If the iPod is disabled due to its own malfunction, reset the iPod. (Reset: Refer to iPod manual)
- An iPod may not operate normally on low battery.

(Continued)

(Continued)

- Some iPod devices, such as the iPhone, can be connected through the *Bluetooth*® Wireless Technology interface. The device must have audio *Bluetooth*® Wireless Technology capability (such as for stereo headphone *Bluetooth*® Wireless Technology). The device can play, but it will not be controlled by the audio system.
- To use iPod features within the audio, use the cable provided upon purchasing an iPod device.
- Skipping or improper operation may occur depending on the characteristics of your iPod/Phone device.
- If your iPhone is connected to both the *Bluetooth*® Wireless Technology and USB, the sound may not be properly played. In your iPhone, select the Dock connector or *Bluetooth*® Wireless Technology to change the sound output (source).

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- When connecting iPod with the iPod Power Cable, insert the connector to the multimedia socket completely. If not inserted completely, communications between iPod and audio may be interrupted.
- When adjusting the sound effects of the iPod and the audio system, the sound effects of both devices will overlap and might reduce or distort the quality of the sound.
- Deactivate (turn off) the equalizer function of an iPod when adjusting the audio system's volume, and turn off the equalizer of the audio system when using the equalizer of an iPod.
- When not using iPod with car audio, detach the iPod cable from iPod. Otherwise, iPod may remain in accessory mode, and may not work properly.

■ **CD Player : AM1B2DMKN, AM1B3DMAN**



SYSTEM CONTROLLERS AND FUNCTIONS

❊ Display and settings may differ depending on the selected audio.



Audio Head Unit

1. ▲ (EJECT)
- Ejects the disc.

2. RADIO
- Changes to FM/AM/XM mode.
- Each time the key is pressed, the mode is changed in order of FM1 ➟ FM2 ➟ AM ➟ XM1 ➟ XM2 ➟ XM3.

❊ In Setup>Display, the radio pop up screen will be displayed when [Mode Pop up] is turned (On).
When the pop up screen is displayed, use the TUNE knob or keys 1 ~ 6 to select the desired mode.

3. MEDIA
- Changes to CD, USB(iPod), AUX, My Music, BT Audio mode.
- Each time the key is pressed, the mode is changed in order of CD, USB(iPod), AUX, My Music, BT Audio.

❊ In Setup>Display, the media pop up screen will be displayed when [Mode Pop up] is turned (On).
When the pop up screen is displayed, use the TUNE knob or keys 1 ~ 5 to select the desired mode.

4. PHONE
- Operates Phone Screen

❊ When a phone is not connected, the connection screen is displayed.

5. PWR/VOL knob
- Power : Turns power On/Off by pressing the knob
- Volume : Sets volume by turning the knob left/right

6. SEEK TRACK
- Radio Mode : Automatically searches for broadcast frequencies.
- CD, USB, iPod, My Music modes
  - Shortly press the key (under 0.8 seconds): Moves to next or previous song (file)
  - Press and hold the key (over 0.8 seconds): Rewinds or fast-forwards the current song.
- BT Audio mode : Moves to next or previous song(file)

❊ The Play/Pause feature may operate differently depending on the mobile phone.



7. CAT FOLDER

- Radio Mode
  - XM RADIO : Category Search
- MP3, CD, USB mode : Folder Search

8. 1 ~ 6 (Preset)

- Radio Mode: Saves frequencies (channels) or receives saved frequencies (channels)
- CD, USB, iPod, My Music mode
- 1 : Repeat
- 2 : Random
- In the Radio, Media, Setup, and Menu pop up screen, the number menu is selected.

9. DISP

- Each time the button is shortly pressed (under 0.8 seconds), it sets the screen Off ➟ Screen On ➟ Screen Off

❈ Audio operation is maintained and only the screen will be turned Off. In the screen Off state, press any key to turn the screen On again.

10. SCAN

- Radio Mode
- Shortly press the key (under 0.8 seconds): Previews each broadcast for 5 seconds each.
- Press and hold the key (over 0.8 seconds): Previews the broadcasts saved in Preset 1 ~ 6 for 5 seconds each.

❈ Press the SCAN key again to continue listening to the current frequency.

❈ XM Radio does not support the Preset scan feature.

- CD, USB, My Music mode
- Shortly press the key (under 0.8 seconds): Previews each song (file) for 10 seconds each.

❈ Press the SCAN key again to continue listening to the current song (file).

11. SETUP CLOCK

- Shortly press the key (under 0.8 seconds) : Moves to the Display, Sound, Clock, Phone, System setting modes.
- Press and hold the key (over 0.8 seconds) : Move to the Time setting screen.

12. MENU

- Displays menus for the current mode.

13. TUNE knob

- Radio mode : Changes frequency by turning the knob left/right.
- CD, USB, iPod, My Music mode: Searches songs (files) by turning the knob left/right.

❈ When the desired song is displayed, press the knob to play the song.

- Moves focus in all selection menus and selects menus.

14. DISC-IN LED

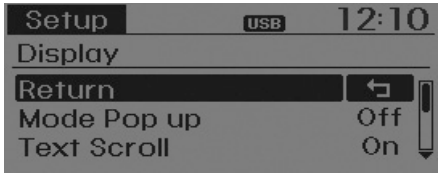


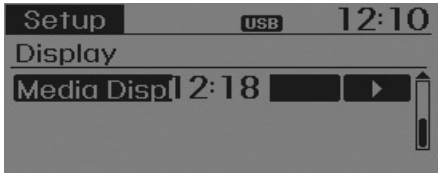
- LED that indicates whether a disc is inserted

SETUP

Display Settings

Press the SETUP key▸Select [Display] through TUNE knob or 1 key▸ Select menu through TUNE knob





Mode Pop up

[Mode Pop up]▸Changes On/Off selection mode

- During On state, press the RADIO or MEDIA key to display the mode change pop up screen.

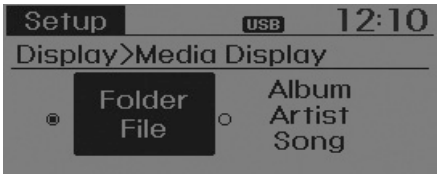
Text Scroll

[Text Scroll]▸Set On/Off

- On : Maintains scroll
- Off : Scrolls only one (1) time.

Media Display

When playing an MP3 file, select the desired display info from 'Folder/File' or 'Album/Artist/Song'.



Sound Settings

Press the SETUP key▸Select [Sound] through TUNE knob or 2 key▸ Select menu through TUNE knob



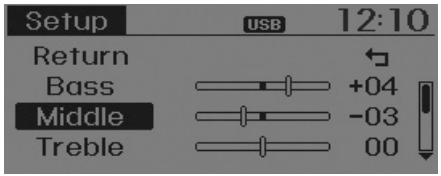
Sound Settings

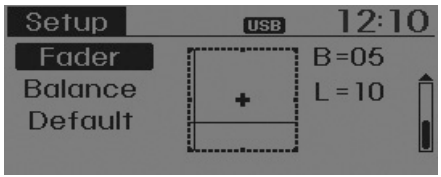
This menu allows you to set the 'Bass, Middle, Treble' and the Sound Fader and Balance.

Select [Sound Settings]▸Select menu through ◎ TUNE knob▸Turn ◎ TUNE knob left/right to set

- Bass, Middle, Treble : Selects the sound tone.
- Fader, Balance : Moves the sound fader and balance.
- Default : Restores default settings.

❊ Back : While adjusting values, re-pressing the ◎ TUNE knob will restore the parent menu.



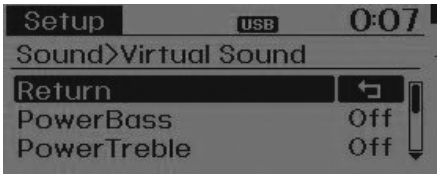


Virtual Sound

The PoewrBass, PowerTreble, and Surround can be set.

Select [Virtual Sound] ▸Set menu through ◎ TUNE knob ▸Set (On)/(Off) through ◎ TUNE knob

- PowerBass : This is a sound system feature that provides live bass.
- PowerTreble : This is a sound system feature that provides live tremble.
- Surround : This is a sound system feature that provides surround sound.





❊ May differ depending on the selected audio.

Speed Dependent Volume Control

This feature is used to automatically control the volume level according to the speed of the vehicle.

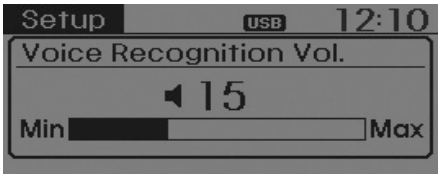
Select [Speed Dependent Vol.]▸Set in 4 levels [Off/Low/Mid/High] of ◎ TUNE knob



Voice Recognition Volume

Adjusts voice recognition volume.

Select [Voice Recognition Vol.]▸Set volume of ◎ TUNE knob

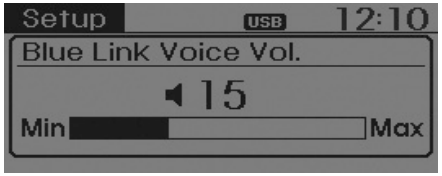


Blue Link® Voice Volume

(for Blue Link® equipped model)

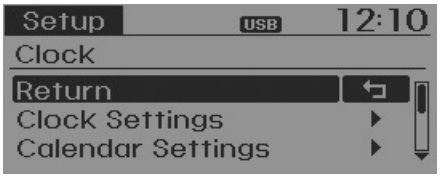
Sets the Blue Link® voice recognition volume.

- ❈ While using Blue Link® voice recognition, turning the tune knob will display the volume control popup screen.
- ❈ May differ depending on the selected audio.



Clock Settings

Press the SETUP CLOCK key ▸ Select [Clock] through ◎ TUNE knob or 3 key ▸ Select menu through ◎ TUNE knob





Clock Settings

This menu is used to set the time.

Select [Clock Settings] ▸ Set through ◎ TUNE knob ▸ Press ◎ TUNE knob

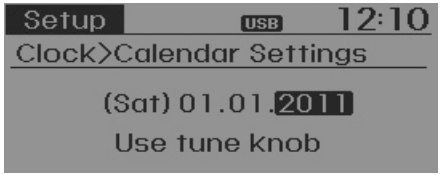


- ❈ Adjust the number currently in focus to set the [hour] and press the tune knob to set the [minute].

Calendar Settings

This menu is used to set the date (MM/DD/YYYY).

Select [Calendar Settings]]▸Set through ◎ TUNE knob▸Press ◎ TUNE knob



※ Adjust the number currently in focus to make the settings and press the tune knob to move to the next setting. (Set in order of Year/Month/Day)

Time Format

This function is used to set the 12/24 hour time format of the audio system.

Select [Time Format]▸Set 12Hr / 24Hr through ◎ TUNE knob

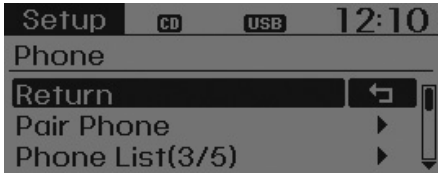
Clock Display when Power is OFF

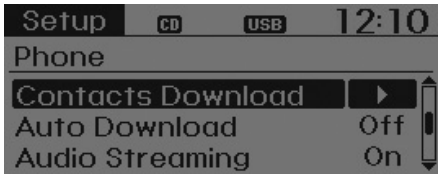
Select [Clock Disp.(Pwr Off)]▸Set On / Off through ◎ TUNE knob

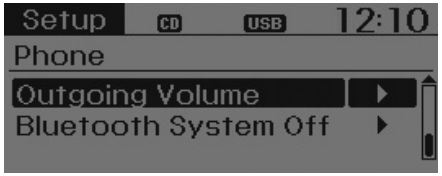
- On : Displays time/date on screen
- Off : Turn off.

PHONE SETUP

Press the SETUP key ▸ Select [Phone] through ◎ TUNE knob or 4 key ▸ Select menu through ◎ TUNE knob





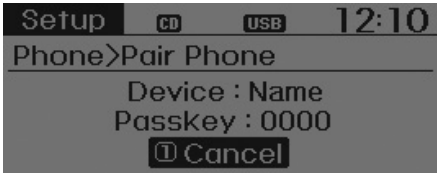


Pair Phone

⚠ CAUTION

To pair a Bluetooth® Wireless Technology enabled mobile phone, authentication and connection processes are first required. As a result, you cannot pair your mobile phone while driving the vehicle. First park your vehicle before use.

Select [Pair Phone] ▸ Set through ◎ TUNE knob



① Search for device names as displayed on your mobile phone and connect.

② Input the passkey displayed on the screen. (Passkey : 0000)

❊ The device name and passkey will be displayed on the screen for up to 3 minutes. If pairing is not completed within the 3 minutes, the mobile phone pairing process will automatically be canceled.

③ Pairing completion is displayed.

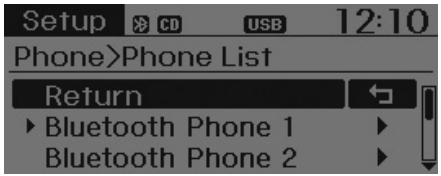
❊ In some mobile phones, pairing will automatically be followed by connection.

❊ It is possible to pair up to five *Bluetooth®* Wireless Technology enabled mobile phones.

Phone List

The names of up to 5 paired phones will be displayed.

A [▸] is displayed in front of the currently connected phone.



Select the desired name to setup the selected phone.

• Connecting a phone

Select [Phone List]▸Select mobile phone through ◎ TUNE knob▸Select [Connect Phone]



① Select a mobile phone that is not currently connected.

② Connect the selected mobile phone.

③ Connection completion is displayed.

❊ If a phone is already connected, disconnect the currently connected phone and select a new phone to connect.

• Disconnecting a connected phone

Select [Phone List]▸Select mobile phone through ◎ TUNE knob▸Select [Disconnect Phone]



① Select the currently connected mobile phone.

② Disconnect the selected mobile phone.

③ Disconnection completion is displayed.

• Changing connection sequence (Priority)

This is used to change the order (priority) of automatic connection for the paired mobile phones.

Select [Phone List]▸Select [Priority] through ◎ TUNE knob▸Select No. 1 Priority mobile phone

① Select [Priority].

② From the paired phones, select the phone desired for No.1 priority.

③ The changed priority sequence is displayed.

❊ Once the connection sequence (priority) is changed, the new no. 1 priority mobile phone will be connected.

- when the no. 1 priority cannot be connected: Automatically attempts to connect the most recently connected phone.
- Cases when the most recently connected phone cannot be connected: Attempts to connect in the order in which paired phones are listed.
- The connected phone will automatically be changed to No. 1 priority.

• Delete

Select [Phone List]▸Select mobile phone through ◎ TUNE knob▸ Select [Delete]

① Select the desired mobile phone.
② Delete the selected mobile phone.
③ Deletion completion is displayed.
❊ When attempting to delete a currently connected phone, the phone is first disconnected.

⚠ CAUTION

- ***When you delete a mobile phone, the mobile phone contacts will also be erased.***
- ***For stable Bluetooth® Wireless Technology communication, delete the mobile phone from the audio and also delete the audio from your mobile phone.***

Contacts Download

This feature is used to download contacts and call histories into the audio system.

Select [Contacts Download]▸Select through ◎ TUNE knob

⚠ CAUTION

- ***The download feature may not be supported in some mobile phones.***
- ***If a different operation is performed while Contacts are being downloaded, downloading will be discontinued. Contacts already downloaded will be saved.***
- ***When downloading new Contacts, delete all previously saved Contacts before starting download.***

Auto Download

When connecting a mobile phone, it is possible to automatically download new Contacts and Call Histories.

Select [Auto Download]▸Set (On) / (Off) through ◎ TUNE knob

⚠ CAUTION

The Bluetooth® Wireless Technology audio streaming feature may not be supported in some mobile phones.

Audio Streaming

Songs (files) saved in your *Bluetooth®* Wireless Technology enabled mobile phone can be played through the audio system.

Select [Audio Streaming]▸Set (On)/ (Off) through ◎ TUNE knob

Outgoing Volume

This is used to set the volume of your voice as heard by the other party while on a *Bluetooth®* Wireless Technology enabled handsfree call.

Select [Outgoing Volume]▸Set volume through ◉ TUNE knob

❊ Even while on a call, the volume can be changed by using the SEEK TRACK key.

Bluetooth® Wireless Technology System Off

This feature is used when you do not wish to use the *Bluetooth®* Wireless Technology system.

Select [Bluetooth System Off] ▸ Set through ◎ TUNE knob

❊ If a phone is already connected, disconnect the currently connected phone and turn the *Bluetooth®* Wireless Technology system off.

Using the *Bluetooth®* Wireless Technology System

To use *Bluetooth®* Wireless Technology when the system is currently off, follow these next steps.

• Turning On *Bluetooth®* Wireless Technology through the PHONE Key

Press the PHONE key ▸ Screen Guidance

❊ Moves to the screen where *Bluetooth®* Wireless Technology functions can be used and displays guidance.

• Turning On *Bluetooth®* Wireless Technology through the SETUP Key

Press the SETUP key ▸ Select [Phone] through ◎ TUNE knob or 4 key

① A screen asking whether to turn on *Bluetooth®* Wireless Technology will be displayed.

② On the screen, select YES to turn on *Bluetooth®* Wireless Technology and display guidance.

❊ If the *Bluetooth®* Wireless Technology system is turned on, the system will automatically try to connect the most recently connected *Bluetooth®* Wireless Technology enabled mobile phone.

⚠ CAUTION

• Bluetooth® Wireless Technology connection may become intermittently disconnected in some mobile phones. Follow these next steps to try again.

1) Turn the Bluetooth® Wireless Technology function within the mobile phone ON/OFF and try to connect again.

2) Turn the mobile phone power ON/OFF and try to connect again.

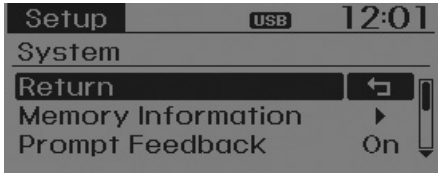
3) Completely remove the mobile phone battery, reboot, and then try to connect again.

4) Reboot the audio system and try to connect again

5) Delete all paired devices in your mobile phone and the audio system and pair again for use.

SYSTEM SETTINGS

Press the SETUP key▸Select [System] through tune knob or 5 key▸Select menu through ◎ TUNE knob





Memory Information

Displays currently used memory and total system memory.

Select [Memory Information]▸OK

The currently used memory is displayed on the left side while the total system memory is displayed on the right side.



Prompt Feedback

This feature is used to change voice command feedback between Normal and Expert modes.

Select [Prompt Feedback]▸Set through ◎ TUNE knob

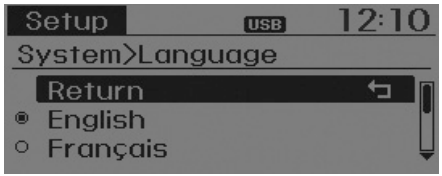
- On : This mode is for beginner users and provides detailed instructions during voice command operation.
- Off : This mode is for expert users and omits some information during voice command operation. (When using Expert mode, guidance instructions can be heard through the [Help] or [Menu] commands.

Language

This menu is used to set the display and voice recognition language.

Select [Language]▸

Set through ◎ TUNE knob



❊ The system will reboot after the language is changed.

❊ Language support by region

- English, Francais, Espanol

RADIO : FM, AM OR XM

Changing RADIO mode (FM, AM or XM)



Press the RADIO key to change the mode in order of FM1→FM2→AM→XM1→XM2→XM3.

(❊ For XM Radio equipped Model)

- When the power is off, press the RADIO key to turn on the audio system and receive radio broadcasts.
- [Mode Pop up] On state : Displays the change radio mode pop up screen.
  While the pop up screen is displayed, you can change the radio mode (FM1→FM2→AM→ XM1→XM2 →XM3) through the tune knob or 1 ~ 6 keys.

Adjust Volume

Turn the ◎ VOL knob left/right to adjust the volume.

SEEK

Press the SEEK TRACK key

- Shortly pressing the key (under 0.8 seconds): Changes the frequency.
- Pressing and holding the key (over 0.8 seconds): Automatically searches for the next frequency.

Preset SEEK

Press the 1 ~ 6 key

- Shortly pressing the key (under 0.8 seconds): Plays the frequency saved in the corresponding key.
- Pressing and holding the key (over 0.8 seconds): Pressing and holding the desired key from 1 ~ 6 will save the currently playing broadcast to the selected key and sound a BEEP.

SCAN

Press the SCAN key

- Shortly pressing the key (under 0.8 seconds): The broadcast frequency increases and previews each broadcast for 5 seconds each. After scanning all frequencies, returns and plays the current broadcast frequency.
- Pressing and holding the key (over 0.8 seconds): Previews the broadcasts saved in Preset 1 ~ 6 for 5 seconds each.

Selecting through manual search

Turn the ◎ TUNE knob left/right to adjust the frequency.

- FM : Changes by 200KHz
- AM : Changes by 10MHz

MENU

Within MENU key are the A.Store (Auto Store) and Info functions.



① A.Store

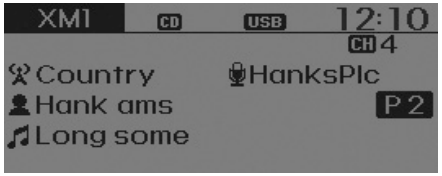
Press the MENU key▶Set [A.Store] through ◎ TUNE knob or 1 key.

Saves broadcasts with superior reception to 1 ~ 6 keys. If no frequencies are received, then the most recently received frequency will be broadcast.

XM RADIO

Using XM satellite Radio

Your vehicle is equipped with a 3 month complimentary period of XM Satellite Radio. XM provides access to over 130 channels of music, information, and entertainment programming.



SEEK

Press the SEEK TRACK key

- Shortly pressing the key: select previous or next channel.
- Pressing and holding the key (over 0.8 seconds): continuously move to previous or next channel.

❊ If the “Category” icon is displayed, channels are changed within the current category.

SCAN

Press the SCAN key

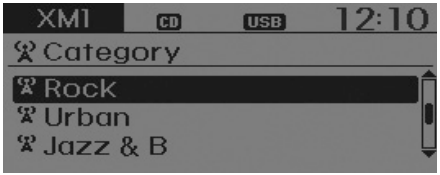
- Shortly pressing the key: Previews each broadcast for 5 seconds each

❊ Press the SCAN key again to continue listening to the current frequency

❊ If the “Category” icon is displayed, channels are changed within the current category.

Category

Press the CAT FOLDER key ▸ Set through the ◎ TUNE knob



- The display will indicate the category menus, highlight the category that the current channel belongs to.
- In the Category List Mode, press the CAT FOLDER key to navigate category list.
- Press the tune knob to select the lowest channel in the highlighted category.

❊ If channel is selected by selecting category, then the “CATEGORY” icon is displayed at the top of the screen.

Preset

Press the 1 ~ 6 key

- Shortly pressing the key: Plays the frequency saved in the corresponding key.
- Pressing and holding the key (over 0.8 seconds): Pressing and holding the desired key from 1 ~ 6 will save the current broadcast to the selected key and sound a BEEP.

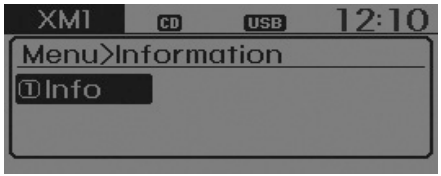
Tune

- Rotate ◎ TUNE knob : Changes the channel number or scrolls category list.
- Press ◎ TUNE knob : Selects the menu.

Menu

Select category menu through the ◎ TUNE knob▸Press the MENU key ▸Select [①Info] through the ◎ TUNE knob or 1 key

Info (Information)



Displays the Artist/Song info of the current song.

BASIC METHOD OF USE :

Audio CD / MP3 CD / USB / iPod / My Music

Press the MEDIA key to change the mod mode in order of CD➟USB(iPod)➟AUX ➟My Music➟BT Audio.

The folder/file name is displayed on the screen.



<Audio CD>



<CD MP3>



<USB>



<My Music>

❊ The CD is automatically played when a CD is inserted.

❊ The USB music is automatically played when a USB is connected.

Repeat

While song (file) is playing▸ 1 RPT (RPT) key

Audio CD, MP3 CD, USB, iPod, My Music mode: RPT on screen

- To repeat one song (Press the key): Repeats the current song.

MP3 CD, USB mode: FLD.RPT on screen

- To repeat folder (pressing twice): repeats all files within the current folder.

❊ Press the 1 RPT key again to turn off repeat.

Random

While song (file) is playing▸ 2 RDM (RDM) key

Audio CD, My Music mode: RDM on screen

- Random (Press the key): Plays all songs in random order.

MP3 CD, USB mode: FLD.RDM on screen

- Folder Random (Press the key) : Plays all files within the current folder in random order.

iPod mode: ALB RDM on screen

- Album Random (Press the key) : Plays all files within albums of the current category in random order.

MP3 CD, USB, iPod mode: ALL RDM on screen

- All Random (pressing twice): Plays all files in random order.

❊ Press the 2 RDM key again to turn off repeat.

Changing Song/File

While song (file) is playing▸ SEEK TRACK key

- Shortly pressing the key : Plays the current song from the beginning.

❊ If the SEEK TRACK key is pressed again within 3 second, the previous song is played.

- Pressing and holding the key (over 0.8 seconds): Rewinds the song.

While song (file) is playing▸ SEEK TRACK key

- Shortly pressing the key : Plays the next song.
- Pressing and holding the key (over 0.8 seconds): Fast forwards the song.

Scan

While song (file) is playing▸ SCAN key

- Shortly pressing the key : Scans all songs from the next song for 10 seconds each.

❊ Press the SCAN key again to turn off.

❊ The SCAN function is not supported in iPod mode.

Folder Search : MP3 CD, USB Mode

While file is playing▸ CAT FOLDER (Folder Up) key

- Searches the next folder.

While file is playing▸ CAT FOLDER (Folder Down) key

- Searches the parent folder.

❊ If a folder is selected by pressing the ◎ TUNE knob, the first file within the selected folder will be played.

❊ In iPod mode, moves to the Parent Folder.

Searching Songs (File)

- Turning ◎ TUNE knob : Searches for songs (files)
- Pressing ◎ TUNE knob : Plays selected song (file).

MENU : Audio CD

Press the CD MP3 mode MENU key to set the Repeat, Random, Information features.



Repeat

Press the MENU key▸Set [①RPT] through the TUNE knob or 1 RPT key to repeat the current song.

✻ Press RPT again to turn off.

Random

Press the MENU key▸Set [②RDM] through the TUNE knob or 2 RDM key to randomly play songs within the current folder.

✻ Press RDM again to turn off.

Information

Press the MENU key▸Set [③Info] through the TUNE knob or 3 key to display information of the current song.

✻ Press the MENU key to turn off info display.

MENU : MP3 CD / USB

Press the CD MP3 mode MENU key to set the Repeat, Folder Random, Folder Repeat, All Random, Information, and Copy features.



Repeat

Press the MENU key▸Set [①RPT] through the TUNE knob or 1 RPT key to repeat the current song.

✻ Press RPT again to turn off.

Folder Random

Press the MENU key▸Set [②F.RDM] through the TUNE knob or 2 RDM key to randomly play songs within the current folder.

❊ Press F.RDM again to turn off.

Folder Repeat

Press the MENU key▸Set [③F.RPT] through the TUNE knob or 3 key to repeat songs within the current folder.

❊ Press F.RPT again to turn off.

All Random

Press the MENU key▸Set [④A.RDM] through the TUNE knob or 4 key to randomly play all songs within the CD.

❊ Press A.RDM again to turn off.

Information

Press the MENU key▸Set [⑤Info] through the TUNE knob or 5 key to display information of the current song.

❊ Press the MENU key to turn off info display.

Copy

Press the MENU key▸Set [⑥ Copy] through the TUNE knob or 6 key.

This is used to copy the current song into My Music. You can play the copied Music in My Music mode.

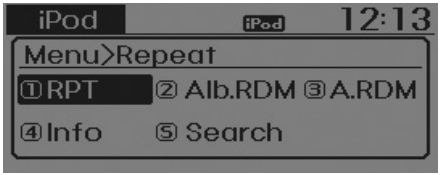
❊ If another key is pressed while copying is in progress, a pop up asking you whether to cancel copying is displayed.

❊ If another media is connected or inserted (USB, CD, iPod, AUX) while copying is in progress, copying is canceled.

❊ Music will not be played while copying is in progress.

MENU : iPod

In iPod mode, press the MENU key to set the Repeat, Album Random, All Random, Information and Search features.



Repeat

Press the MENU key▸Set [①RPT] through the TUNE knob or 1 RPT key to repeat the current song.

❊ Press RPT again to turn repeat off.

Album Random

Press the MENU key▸Set [②Alb.RDM] through the TUNE knob or 2 RDM key.

Plays albums within the currently playing category in random order.

❊ Press Alb.RDM again to turn off.

All Random

Press the MENU key▸Set [③ A.RDM] through the ◎ TUNE knob or 3 key.

Plays all songs within the currently playing category in random order.

❊ Press A.RDM again to turn off.

Information

Press the MENU key▸Set [④Info] through the ◎ TUNE knob or 4 key.

Displays information of the current song.

❊ Press the MENU key to turn off info display.

Search

Press the MENU key▸Set [⑤Search] through the ◎ TUNE knob or 5 key.

Displays iPod category list.

❊ Searching iPod category is MENU key pressed, move to parent category.

MENU : My Music Mode

In My Music mode, press the MENU key to set the Repeat, Random, Information, Delete, Delete All, and Delete Selection features.



Repeat

Press the MENU key▸Set [①RPT] through the TUNE knob or 1 RPT key.

Repeats the currently playing song.

❊ Press RPT again to turn repeat off.

Random

Press the MENU key▸Set [②RDM] through the TUNE knob or 2 RDM key.

Plays all songs in random order.

❊ Press RDM again to turn random off.

Information

Press the MENU key▸Set [③Info] through the TUNE knob or 3 key.

Displays information of the current song.

❊ Press the MENU key to turn off info display.

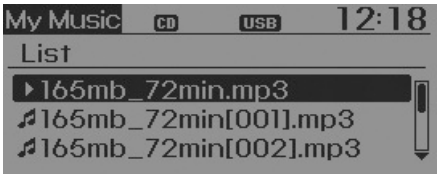
Delete

Press the MENU key▸Set [④Delete] through the TUNE knob or 4 key.

Deletes currently playing file

In the play screen, pressing delete will delete the currently playing song.

Deletes file from list



① Select the file you wish to delete by using the TUNE knob.

② Press the MENU key and select the delete menu to delete the selected file.

Delete All

Press the MENU key▸Set [⑤Del.All] through the TUNE knob or 5 key.

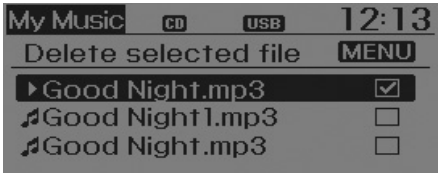
Deletes all songs of My Music.

Delete Selection

Press the MENU key▸Set [⑥Del.Sel] through the TUNE knob or 6 key.

Songs within My Music are selected and deleted.

① Select the songs you wish to delete from the list.



② After selecting, press the key and select the delete menu.



✻ NOTICE - USING THE My Music

- **Even if memory is available, a maximum of 6,000 songs can be stored.**
- **The same song can be copied up to 1,000 times.**
- **Memory info can be checked in the System menu of Setup.**

AUX

AUX is used to play external MEDIA currently connected with the AUX terminal.

AUX mode will automatically start when an external device is connected with the AUX terminal.

If an external device is connected, you can also press the MEDIA key to change to AUX mode.



✻ AUX mode cannot be started unless there is an external device connected to the AUX terminal.

✻ NOTICE - USING THE AUX

- **Fully insert the AUX cable into the AUX terminal for use.**

Bluetooth® Wireless Technology AUDIO

NOTE:

***Bluetooth®* Wireless Technology phone compatibility can be checked by visiting www.hyundaiusa.com and under the SERVICE & PARTS - BLUETOOTH COMPATIBILITY menu.**

- **The website provides 9 types of information, including various information on Pairing, Connection, Handsfree Calling, Streaming, and more.**

What is *Bluetooth®* Wireless Technology?

Bluetooth® Wireless Technology is a wireless technology that allows multiple devices to be connected in a short range, low-powered devices like hands-free, stereo headset, wireless remote controller, etc. For more information, visit the *Bluetooth®* Wireless Technology website at www.Bluetooth.com

Before using *Bluetooth®* Wireless Technology audio features

- *Bluetooth®* Wireless Technology audio may not be supported depending on the compatibility of your *Bluetooth®* Wireless Technology mobile phone.
- In order to use *Bluetooth®* Wireless Technology audio, you must first pair and connect the *Bluetooth®* Wireless Technology mobile phone.
- *Bluetooth®* Wireless Technology audio can be used only when the [Audio Streaming] of Phone is turned (On).

❈ Setting *Bluetooth®* Wireless Technology Audio Streaming : Press the SETUP key ▶ Select [Phone] through the tune knob or 4 key ▶ Select [Audio Streaming] through the TUNE knob ▶ Set (On)/(Off)

Starting *Bluetooth®* Wireless Technology Audio

- Press the MEDIA key to change the mode in order of CD➟USB➟AUX➟My Music➟BT Audio.
- If BT Audio is selected, *Bluetooth®* Wireless Technology audio will start playing.

❈ Audio may not automatically start playing in some mobile phones.

Using the *Bluetooth®* Wireless Technology audio features

- Play / Stop

Press the TUNE knob to play and pause the current song.



❈ The play / pause functions may not be supported in some mobile phones.

PHONE

Before using the *Bluetooth®* Wireless Technology enabled phone features

- In order to use *Bluetooth®* Wireless Technology phone, you must first pair and connect the *Bluetooth®* Wireless Technology mobile phone.
- If the mobile phone is not paired or connected, it is not possible to enter Phone mode. Once a phone is paired or connected, the guidance screen will be displayed.
- If Priority is set upon vehicle ignition (IGN/ACC ON), the *Bluetooth®* Wireless Technology enabled phone will be automatically connected. Even if you are outside, the *Bluetooth®* Wireless Technology enabled phone will be automatically connected once you are in the vicinity of the vehicle. If you do not want automatic *Bluetooth®* Wireless Technology enabled phone connection, set the *Bluetooth®* Wireless Technology power to OFF.

Making a call using the steering wheel remote controller



1. button : Activates voice recognition.
2. button : Places and transfers calls.
3. button : Ends calls or cancels functions.

• Check call history and making call

① Shortly press (under 0.8 seconds) the key on the steering remote controller .

② The call history list will be displayed on the screen.

③ Press the key again to connect a call to the selected number.

• Redialing the most recently called number

① Press and hold (over 0.8 seconds) the key on the steering remote controller.

② The most recently called number is redialed.

❈ If call history does not exist, a screen asking whether to download call history is displayed. (The download feature may not be supported in some mobile phones)

Phone MENU

Press the PHONE key to display three menus (Call History, Contacts, Phone Setup).



Call history

Press the PHONE key▸Set [①Call History] through the TUNE knob or 1 key.

The call history is displayed and can be used to select a number and make a call.

If call history does not exist, a screen asking whether to download call history is displayed. (The download feature may not be supported in some mobile phones)

Contacts

Press the PHONE key▸Set [②Contacts] through the TUNE knob or 2 key.

The Contacts are displayed and can be used to select a number and make a call.

- If more than one number is saved to one contact, then a screen showing the mobile phone number, house and office number are displayed. Select the desired number to make the call.
- If Contacts do not exist, a screen asking whether to download Contacts is displayed. (The download feature may not be supported in some mobile phones)

Phone Setup

Press the PHONE key▸Set [③Phone Setup] through the TUNE knob or 3 key.

The *Bluetooth®* Wireless Technology enabled mobile phone setup screen is displayed. For more information, refer to “Phone Setup”.

✻ NOTICE - USING THE *Bluetooth®* Wireless Technology CELLULAR PHONE

- **Do not use a mobile phone or perform *Bluetooth®* Wireless Technology settings (e.g. pairing a phone) while driving.**
- **Some *Bluetooth®* Wireless Technology -enabled phones may not be recognized by the system or fully compatible with the system.**
- **Before using *Bluetooth®* Wireless Technology related features of the audio system, refer your phone's User's Manual for phone-side *Bluetooth®* Wireless Technology operations.**
- **The phone must be paired to the audio system to use *Bluetooth®* Wireless Technology related features.**
- **You will not be able to use the hands-free feature when your phone (in the car) is outside of the cellular service area (e.g. in a tunnel, in a underground, in a mountainous area, etc.).**

(Continued)

(Continued)

- **If the cellular phone signal is poor or the vehicles interior noise is too loud, it may be difficult to hear the other person's voice during a call.**
- **Do not place the phone near or inside metallic objects, otherwise**

communications with *Bluetooth®* Wireless Technology system or cellular service stations can be disturbed.

- **While a phone is connected through *Bluetooth®* Wireless Technology your phone may discharge quicker than usual for additional *Bluetooth®* Wireless Technology-related operations.**
- **Some cellular phones or other devices may cause interference noise or malfunction to audio system. In this case, store the device in a different location may resolve the condition.**
- **Phone contact names should be saved in English or they may not be displayed correctly.**

(Continued)

(Continued)

- **If Priority is set upon vehicle ignition(IGN/ACC ON), the *Bluetooth®* Wireless Technology phone will be automatically connected.**
  Even if you are outside, the *Bluetooth®* Wireless Technology phone will be automatically connected once you are in the vicinity of the vehicle.
  If you do not want automatic *Bluetooth®* Wireless Technology connection, turn the *Bluetooth®* Wireless Technology feature off.
- **The hands-free call volume and quality may differ depending on the mobile phone type.**
- ***Bluetooth®* Wireless Technology features can be used only when the mobile phone has been paired and connected with the device. For more information on pairing and connecting *Bluetooth®* Wireless Technology enabled mobile phones, refer to the "Phone Setup" section.**

(Continued)

(Continued)

- **When a *Bluetooth*® Wireless Technology mobile phone is connected, a ( ) icon will appear at the top of the screen. If a ( ) icon is not displayed, this indicates that a *Bluetooth*® Wireless Technology enabled device has not been connected. You must connect the device before use. For more information on *Bluetooth*® Wireless Technology mobile phones, refer to the "Phone Setup" section.**
- **Pairing and connecting a *Bluetooth*® Wireless Technology enabled mobile phone will work only when the *Bluetooth*® Wireless Technology option within your mobile phone has been turned on. (Methods of turning on the *Bluetooth*® Wireless Technology enabled feature may differ depending on the mobile phone.)**

(Continued)

(Continued)

- **In some mobile phones, starting the ignition while talking through *Bluetooth*® Wireless Technology enabled handsfree call will result in the call becoming disconnected. (Switch the call back to your mobile phone when starting the ignition.)**
- **Some features may not be supported in some *Bluetooth*® Wireless Technology mobile phone and devices.**
- ***Bluetooth*® Wireless Technology enabled operation may be unstable depending on the communication state.**
- **Placing the audio system within an electromagnetic environment may result in noise interference.**

✻ NOTICE - USING VOICE COMMAND

- **The voice recognition feature of this product supports recognition of the commands listed within this user's manual.**
- **While using voice recognition, operating the steering remote control or the device will terminate voice recognition and allow you to manually operate desired functions.**
- **Position the microphone above the head of the driver's seat. For superior performance, maintain good posture when saying voice commands.**
- **Voice recognition may not function properly due to outside noise. The following conditions can affect the performance of Voice Recognition:**
  - **When the windows and sunroof are open**
  - **When the heating/cooling system is on**
  - **When passing a tunnel**
  - **When driving on rugged and uneven roads**

(Continued)

(Continued)

- **After downloading *Bluetooth*® Wireless Technology contacts, the system requires some times to convert the contacts into voice information. During this time, voice recognition may not operate properly.**
- **Upon inputting your contacts, special symbols and numbers cannot be recognized by voice. For example, "# John Doe%&" will be recognized as "John Doe".**

VOICE COMMAND

Starting Voice Command

- To start voice command, shortly press the key on the steering wheel remote controller.
- If prompt feedback is in [ON], then the system will say “Please say a command. Beep”.

❊ If prompt feedback is in [OFF], then the system will only say “Beep-”.

❊ Setting Prompt Feedback [ON]/[OFF] : Press the SETUP key ▶ Select [System] through the TUNE knob or 5 key ▶ Select [Prompt Feedback] ▶ Set On / Off through TUNE knob.

- Say the voice command.

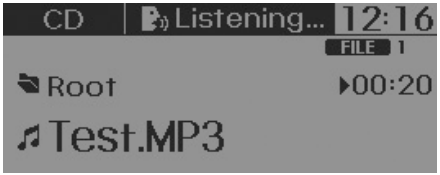
✻ NOTICE

- **For proper voice recognition, say the voice command after the guidance message and the “Beep” sound.**

Skipping the Guidance Message

While the guidance message is being stated, shortly press the key (under 0.8 seconds) to discontinue the guidance message and sound the “beep”.

After the “beep”, say the voice command.

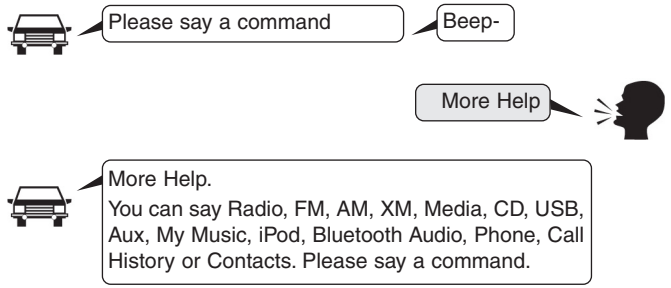


Ending Voice Command

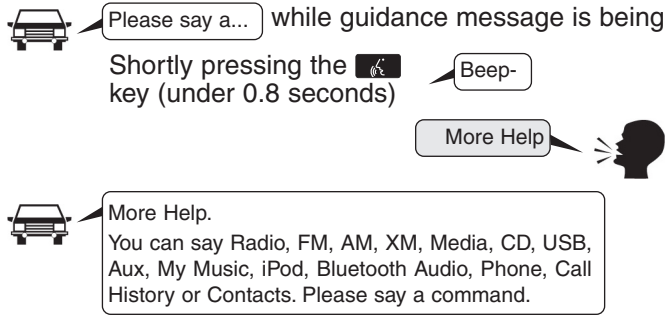
- While using voice command, press and hold the key (over 0.8 seconds) to end voice command.
- While using voice command, pressing the steering wheel remote controller or a different key will end voice command.
- In a state where the system is waiting for your voice command, say “cancel” or “end” to end voice command.
- In a state where the system is waiting for your voice command, shortly press the key (under 0.8 seconds) to end voice command.

Illustration on using voice commands

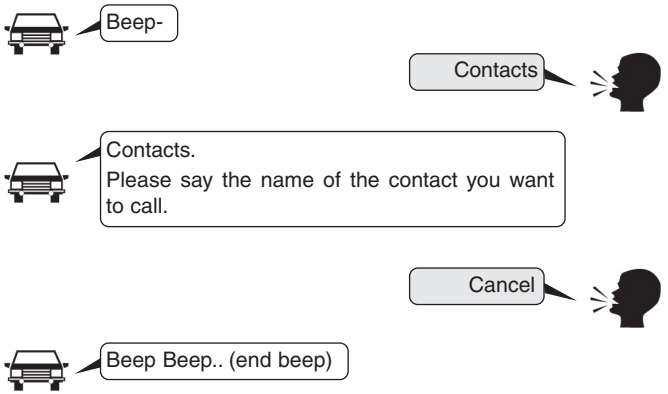
• Starting voice command.
Shortly pressing the key (under 0.8 seconds):



• Skipping Voice Recognition
Shortly pressing the key (under 0.8 seconds):



• End voice command.
Shortly pressing the key (under 0.8 seconds):



Voice Command List

• Common Commands: These are commands that can be used in all situations. (However, some commands may not be supported in special circumstances.)

Command	Function
More Help	Provides guidance on commands that can be used anywhere in the system.
Help	Provides guidance on commands that can be used within the current mode.
Call<Name>	Calls <Name> saved in Contacts Ex) Call “John”
Dial<Number>	Call can be made by dialing the spoken numbers. Ex) Call “123”
Phone	Provides guidance on Phone related commands. After saying this command, say “Call History”, “Contacts” or ”Dial Number” execute corresponding functions.
Call History	Displays the Call History screen.
Contacts (Call by Name)	Displays the Contacts screen. After saying this command, say the name of a contact saved in the Contacts to automatically connect the call.
Dial Number	Display the Dial number screen. After saying this command, you can say the number what you want to call.
Redial	Connects the most recently called number.

Command	Function
Radio	• When listening to the radio, displays the next radio screen. (FM1➟FM2➟AM➟XM1➟XM2➟XM3➟FM1) • When listening to a different mode, displays the most recently played radio screen. • When currently listening to the FM radio, maintains the current state. • When listening to a different mode, displays the most recently played FM screen.
FM1(FM One)	Displays the FM1 screen.
FM2(FM Two)	Displays the FM2 screen.
AM	Displays the AM screen.
FM Preset 1~6	Plays the most recently played broadcast saved in FM Preset 1~6.
AM Preset 1~6	Plays the broadcast saved in AM Preset 1~6.
FM 87.5~107.9	Plays the FM broadcast of the corresponding frequency.
AM 530~1710	Plays the AM broadcast of the corresponding frequency.
XM (Satellite)	• When currently listening to the XM, maintains the current state. • When listening to a different mode, displays the most recently played XM screen.

Command	Function
XM (Satellite) 1~3	Displays the selected XM screen.
XM Channel 0~255	Plays the selected XM channel.
Media	Moves to the most recently played media screen.
Play Track 1~30	If a music CD has been inserted, plays the corresponding track.
CD	Plays the music saved in the CD.
Search CD	Moves to the CD track or file selection screen. • For audio CDs, move to the screen and say the track number to play the corresponding track. • Moves to MP3 CD file selection screen. After manually operate the device to select and play music.
USB	Plays USB music.
Search USB	Moves to USB file selection screen. After manually operate the device to select and play music.
iPod	Plays iPod music.
Search iPod	Moves to the iPod file selection screen. After, manually operate the device to select and play music.

Command	Function
My Music	Plays the music saved in My Music.
Search My Music	Moves to My Music file selection screen. After manually operate the device to select and play music.
AUX (Auxiliary)	Plays the connected external device.
Bluetooth Audio	Plays the music saved in connected Bluetooth® device.
Mute	Mutes the radio or music volume.
Please repeat	Repeats the most recent comment.
Cancel (Exit)	Ends voice command.

• FM/AM radio commands: Commands that can be used while listening to FM, AM radio.

Command	Function
Preset 1~6	Plays the broadcast station saved in Preset 1~6.
Auto Store	Automatically selects radio broadcast frequencies with superior reception and saves in Presets 1~6.
Preset Save 1~6	Saves the current broadcast frequency to Preset 1~6.
Seek up	Plays the next receivable broadcast.
Seek down	Plays the previous receivable broadcast.
Next Preset	Selects the preset number next to the most recently selected preset. (Example: When currently listening to preset no. 3, then preset no. 4 will be selected.)
Previous Preset	Selects the preset number previous to the most recently selected preset. (Example: When currently listening to preset no. 3, then preset no. 2 will be selected.)
Scan	Scans receivable frequencies from the current broadcast and plays for 10 seconds each.
Preset Scan	Moves to the next preset from the current present and plays for 10 seconds each.
Information	Displays the information of the current broadcast.(This feature can be used when receiving RBDS broadcasts.)

• Satellite radio commands: Commands that can be used while listening to Satellite Radio.

Command	Function
Channel Up	Plays the channel next to the current broadcast.
Channel Down	Plays the channel previous to the current broadcast.
Next Preset	Selects the preset number next to the most recently selected preset. (Example: When currently listening to preset no. 3, then preset no. 4 will be selected.)
Previous Preset	Selects the preset number previous to the most recently selected preset. (Example: When currently listening to preset no. 3, then preset no. 2 will be selected.)
Category	Moves to the Category selection screen.
Scan	Scans receivable channels from the current broadcast and plays for 10 seconds each.
Preset 1~6	Plays the broadcast saved in Preset 1~6.
Preset Save 1~6	Saves the current broadcast channel to 1~6.
Information	Displays the information of the current broadcast.

• Audio CD commands: Commands that can be used while listening to Audio CD.

Command	Function
Random	Randomly plays the tracks within the CD.
Random Off	Cancels random play to play tracks in sequential order.
Repeat	Repeats the current track.
Repeat Off	Cancels repeat play to play tracks in sequential order.
Next Track	Plays the next track.
Previous Track	Plays the previous track.
Scan	Scans the tracks from the next track for 10 seconds each.
Track 1~30	Plays the desired track number.
Search Track	Moves to the track selection screen. After, say the track name to play the corresponding track.
Information	Displays the information screen of the current track.

• MP3 CD / USB commands: Commands that can be used while listening to music files saved in CD and USB.

Command	Function
Random	Randomly plays the files within the current folder.
All Random	Randomly plays all saved files.
Random Off	Cancels random play to play files in sequential order.
Repeat	Repeats the current file.
Folder Repeat	Repeats all files in the current folder.
Repeat Off	Cancels repeat play to play files in sequential order.
Next File	Plays the next file.
Previous File	Plays the previous file.
Scan	Scans the files from the next files for 10 seconds each.
Search File	Moves to the file selection screen.
Search Folder	Moves to the folder selection screen.
Information	Displays the information screen of the current file.
Copy	Copies the current file into My Music.

• iPod Commands: Commands that can be used while playing iPod.

Command	Function
All Random	Randomly plays all saved songs.
Album Random	Randomly plays the songs within the current category.
Random Off	Cancels random play to play songs in sequential order.
Repeat	Repeats the current song.
Repeat Off	Cancels repeat play to play songs in sequential order.
Next Song	Plays the next song.
Previous Song	Plays the previous song.
Search Song	Moves to the song selection screen.
Information	Displays the information screen of the current song.

• My Music Commands: Commands that can be used while playing My Music.

Command	Function
Random	Randomly plays all saved files.
Random Off	Cancels random play to play files in sequential order.
Repeat	Repeats the current file.
Repeat Off	Cancels repeat play to play files in sequential order.
Next File	Plays the next file.
Previous File	Plays the previous file.
Scan	Scans the files from the next files for 10 seconds each.
Search File	Moves to the file selection screen.
Information	Displays the information screen of the current file.
Delete	Deletes the current file. You will bypass an additional confirmation process.
Delete All	Deletes all files saved in My Music. You will bypass an additional confirmation process.

• *Bluetooth®* Wireless Technology Audio Commands: Commands that can be used while playing Phone Music.

Command	Function
Play	Plays the currently paused song.
Pause	Pauses the current song.

Blue Link®

Hyundai aims to offer differentiated customer values through a 'Connected Car Life,' which is to provide consumers with fast and reliable IT technology. As consumers' lifestyles become more and more mobile in thanks to remarkable advances in smart phones, tablet PCs and overall wireless telecommunication, new lifestyle patterns demand seamless connection between one's office, home, outdoors and automobiles.

Automobile companies are now faced with the task of shifting their paradigm from vehicle-centered services to customer value-centered services, with the ultimate goal of securing global leadership in the field of vehicle IT and telematics.

Hyundai Motor plans to achieve this by realizing a terminal platform flexible to changes in IT technology, cooperating with global IT companies, creating an eco-system and providing the latest contents & services based on an open environment.

Using the Room Mirror Key

Selecting the room mirror key will allow you to make service required inquiries, POI info searches, and emergency rescues by connecting to the Blue Link® Center.

Such features can be used only after subscribing to the Blue Link® service.



① (Blue Link® Center)

Makes requests for Blue Link® service related inquiries and consultations.

A call is connected to the Blue Link® ser-vice center employee.

Pressing the key again will end the call.

This feature does not operate when you are on a Bluetooth® phone call.

② (Blue Link® for POI)

• Blue Link® for Voice command

Starts Blue Link® voice command.

Voice receiving voice guidance, shortly press the button to convert to voice command mode. Press and hold the button to end voice command.

• TBT VR Commands

1. Navigate to

"Navigate to" voice command is used to request the download of route data for a new destination, saved destinations, daily routes and previous destinations.

2. Save Destination

"Save Destination" VR command is used to assign a voice tag to the last downloaded destination and store it in a destination directory.

NOTE:

The Turn by Turn(TBT) feature supports the store of ten(10) destinations in the TBT destinations directory.

3. Route Preview

"Route Preview" VR command allows the user to preview the route instructions (upcoming maneuver instructions) at any time during the route guidance.

4. Destinations List

"Destinations List" VR command allows the user to preview and delete the stored destinations with their associated voice tags in the Turn by Turn destinations directory.

5. Voice Guidance

"Voice Guidance" VR command allows the user to mute/unmute the Turn by Turn(TBT) direction announcements.

6. Suspend Route

"Suspend Route" VR command allows the user to suspend and pause Turn by Turn(TBT) route guidance while in the guidance mode.

7. Resume Route

"Resume Route" VR command allows the user to resume Turn by Turn(TBT) route guidance.

③ SOS (Blue Link® for SOS)

In the case of an emergency, requests for help to the Blue Link® center.

Call is connected to the Blue Link® emergency rescue center. Pressing the key again will end the call.

If already on a Bluetooth® phone call, the call will end to connect you to the Blue Link® Emergency Rescue Center.

⚠ CAUTION

- ***You cannot talk simultaneously on the Bluetooth® phone and Blue Link® phone.***
- ***While on a Bluetooth® call, pressing the key or key will display a message indicating that you are currently on a call.***
- ***A message will be displayed if you receive a Bluetooth® Bluetooth® Wireless Technology call while already on a Blue Link® call. At this time, press the key on the steering wheel remote controller to accept the call. The phone bell will not ring.***

Eco Coach



• What is Eco Coach?

Every 2.5 minutes, Eco Coach compares your fuel economy against the government tested average (EPA) or other similar Hyundai models (community), based on your preference. Each month, or after every tank fill up, Eco Coach rates your extended average and gives you a reward star if you best the average.

See your My Hyundai web page for more information.

• What does the bar graph and horizontal line mean?

The horizontal line is adjusted once per month or at each tank full, based on your preference; it represents the EPA combined average or community average fuel economy target.

• What is My Eco MPG?

Your actual fuel economy average over 2.5 minutes.

This value is also shown in bar graph as your “now” rating.

• What are Eco Rewards?

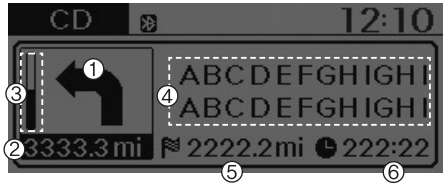
If you beat the average (the EPA or community), you will receive an Eco Reward point.

See your my Hyundai web page for more information.

[Eco Driving] will not operate if the vehicle ignition is not turned on. Please operate with the ignition turned on.

Turn by Turn

The Turn by Turn feature can be used through Blue Link®.



1. Direction Indicator Image
2. Remaining distance until next point
3. The Count bar is divided into a total of 9 levels.

9 Level	0.5mi	8 Level	0.4mi
7 Level	0.3mi	6 Level	0.2mi
5 Level	0.1mi	4 Level	400ft
3 Level	300ft	2 Level	200ft
1 Level	100ft		

4. Next Street name
5. Distance to destination
6. Expected Time Arrival

❈ For information on specific Blue Link® operations, please refer to a separate manual.

■ **CD Player : AM9B2DMKN, AM943DMAN**





✻No HD Radio® logo will be shown if the HD Radio™ feature is not supported.

SYSTEM CONTROLLERS AND FUNCTIONS

Audio Head Unit

(for HD RADIO™ equipped model)



1. ⏏ (EJECT)
• Ejects the disc.

2. RADIO
• Convert to Radio mode.
• Each time the key is pressed,the mode is changed in order of FM1, FM2, AM, XM1, XM2, XM3.

3. MEDIA
• Convert to Media Mode
• Each time the key is pressed, the mode is changed in order of CD, USB(iPod), AUX, My Music, BT Audio.

4. PHONE (for *Bluetooth*® Wireless Technology equipped model)
• Converts to Phone mode
✻ When a phone is not connected, the connection screen is displayed.

5. PWR/VOL knob
• ◉ Power : Press to turn power on/off.
• ◉ Volume : Turn left/right to control volume.

6. SEEK TRACK
• When pressed shortly(under 0.8 seconds)
- Radio mode : plays previous/next frequency.
- Media (CD/USB/iPod/My Music) modes : changes the track, Song(file)
• When pressed and held (Over 0.8 seconds)
- Radio mode : continuously changes the frequency. Upon release, plays the
current frequency.
- Media(CD/USB/iPod/My Music) modes : rewinds or fast forwards the track or file
- During a Handsfree call, controls the call volume.

7. HD/CAT FOLDER
• HD RADIO : Channel Change
• XM RADIO : Category Search
• CD/USB/MP3 mode : Search Folder



8. DISP
- Turns the monitor display on/off.

9. CLOCK

Displays the time/date/day.

10. SCAN
- Radio Mode : previews all receivable broadcasts for 5 seconds each
- Media (CD/USB/My Music) modes : previews each song (file) for 10 seconds each.

11. SETUP

Converts to Setup mode.

12. TUNE knob
- Radio mode : turn to change broadcast frequencies.
- Media (CD/USB/iPod/My Music) modes : turn to search tracks/channels/files.



13. DISC-IN LED
- LED that indicates whether a disc is inserted.

14. RESET
- Forced system termination and system restart.

Audio Head Unit



15. CAT FOLDER
- XM RADIO : Category Search
- CD, USB/MP3 mode : Search Folder

Steering remote controller



1. VOLUME
• Used to control volume.

2. MUTE
• Mutes audio volume.

3. SEEK
• When pressed shortly (under 0.8 seconds)
  - Radio mode : searches broadcast frequencies saved to presets.
  - Media(CD/USB/iPod/My Music/BT Audio) modes : changes the track, file or chapter.
• When pressed and held (over 0.8 seconds)
  - Radio mode, automatically searches broadcast frequencies and channels
  - Media(CD/USB/iPod/My Music) modes, rewinds or fast forwards the track or song(file)
  - BT Audio mode may not be supported in some mobile phones.

4. MODE
• Each time this key is pressed, the mode is changed in order of FM1➟FM2➟AM➟XM1➟XM2➟XM3➟CD➟USB or iPod➟AUX➟My Music➟BT Audio
• If the media is not connected or a disc is not inserted, corresponding modes will be disabled.

5.
• When pressed shortly
  - Starts voice recognition
  - When selecting during a voice prompt, stops the prompt and converts to voice command waiting state
• When pressed and held (over 0.8 seconds)
  - Ends voice recognition

6. 

• When pressed shortly
  - When pressed in the phone screen, displays call history screen
  - When pressed in the dial screen, makes a call
  - When pressed in the incoming call screen, answers the call
  - When pressed during call waiting, switches to waiting call (Call Waiting)
• When pressed and held (over 0.8 seconds)
  - When pressed in the *Bluetooth®* Wireless Technology Handsfree wait mode, redials the last call
  - When pressed during a *Bluetooth®* Wireless Technology Handsfree call, switches call back to mobile phone (Private)
  - When pressed while calling on the mobile phone, switches call back to *Bluetooth®* Wireless Technology Handsfree (Operates only when *Bluetooth®* Wireless Technology Handsfree is connected)

7. 

• Ends phone call

HD Radio™ Technology

(for HD RADIO™ equipped model)

HD Radio Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. HD Radio™ and the HD, HD Radio, and “Arc” logos are proprietary trademarks of iBiquity Digital Corp.



PSD

Program Service Data: Contributes to the superior user experience of HD Radio Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.

HD2/HD3

Adjacent to traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.

Digital Sound

Digital, CD-quality sound. HD Radio Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today’s FM and FM sounds like a CD.

HD Radio™ signal delay

To overcome the delay that digital systems inherently produce, HD Radio™ technology first uses the audio signal of the analog broadcasting when you tune to an AM station or to the main channel of a FM station. After that, the system will blend from analog to digital signal.

Normally, this blending is very smooth. If you experience a skip in program content of several seconds, the radio station has not implemented HD Radio™ broadcasting correctly. This is not a problem with your audio system.

Due to the fact that sub channels are only broadcasting digital, blending from analog to digital signal is not possible if you tune to a sub channel. In this case playback of the sub channel starts after several seconds, this is a normal function.

RADIO MODE

Basic Mode Screen



1. Mode Display
Displays currently operating mode.

2. Frequency
Displays the current frequency.

3. Preset
Displays current preset number [1] ~ [6].

4. Preset Display
Displays preset buttons.

5. Info
Displays broadcast information.

6. HD ▸
Changes HD Radio channels.

7. A.store
Automatically saves frequencies with superior reception to Preset buttons.

HD RADIO MODE

(for HD RADIO™ equipped model)

Basic Mode Screen





1. Mode Display

Displays currently operating mode.

2. HD Channel

Displays information for the currently playing HD Radio broadcast.

3. Song Information

Displays the album, artist, and title information.

4. Frequency

Displays the current frequency.

5. HD Radio Broadcast Station

Displays the HD Radio broadcast station name.

6. Preset

Displays currently playing preset number [1] ~ [6].

7. Preset Display

Displays saved presets.

8. Info

Displays broadcast information.

9. HD ▶

Changes HD Radio channels.

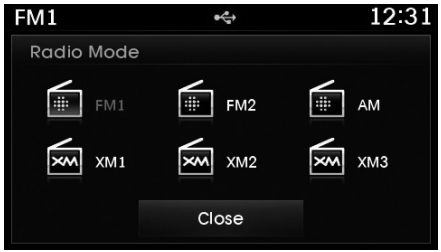
10. A.Store

Automatically saves frequencies with superior reception to Preset buttons.

Switching to Radio Mode

Pressing the RADIO key will change the operating mode in order of FM1 →FM2→AM→XM1→XM2→XM3

If [Mode Pop up] is turned on within SETUP ▸[Display], then pressing the RADIO key will display the Radio Pop-up Mode screen.



Turn the TUNE knob to move the focus. Press the knob to select.

Searching Radio Frequencies

Using Seek

Press the SEEK TRACK key to play the previous/next frequency.

Using TUNE

Turn the TUNE knob to select the desired frequency.

- FM : Increases/decreased by 200kHz
- AM : Increases/decreased by 10kHz

Using Radio Mode

Selecting Presets/Saving Presets

Press the Preset button to display the broadcast information for the frequency saved to each button.



Press the 1 ~ 6 buttons to play the desired preset.

✻ NOTICE

While listening to a frequency you want to save as a preset, press and hold one of the 1 ~ 6 preset buttons (over 0.8 seconds) to save the current frequency to the selected preset.

Auto Store

Press the A.Store button to automatically save receivable frequencies to Preset buttons.

✻ NOTICE

While Auto Store is operating, pressing the [Cancel] button again will cancel Auto Store and restore the previous frequency.

Scan

Press the SCAN key to preview frequencies with superior reception for 5 seconds each.

Press and hold the SCAN key (over 0.8 seconds) to preview presets for 5 seconds each.

Once scan is complete, the previous frequency will be restored.

While Scan is operating, pressing the SCAN key will cancel the scan operation.

Listening to HD Radio Stations

HD Radio Technology is a digital radio technology used by AM and FM radio station to transmit audio and data via a digital signal in conjunction with their analog signals.



While listening to the radio, the HD Radio icon will become displayed if receiving an HD Radio broadcast.

Changing HD Radio stations

Press the HD ▶ button to change HD Radio station.

Viewing Station Information

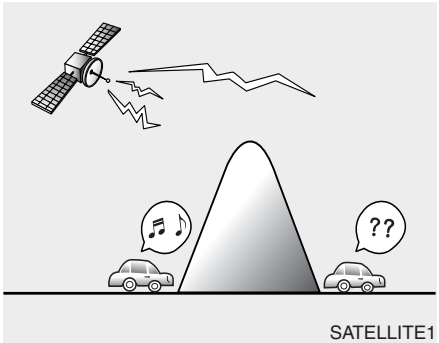


Press the Info button to view station information.

XM RADIO MODE

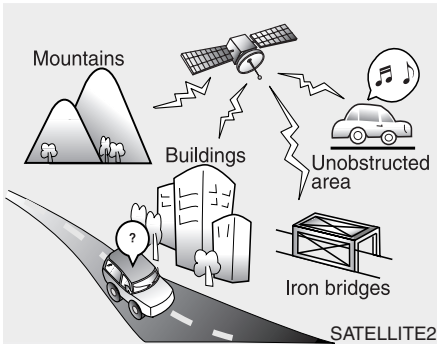
Features of your vehicle

Satellite radio reception



You may experience difficulties in receiving XM™ satellite radio signals in the following situations.

- If you are driving in a tunnel or a covered parking area.
- If you are driving beneath the top level of a multi-level freeway.
- If you are driving under a bridge.
- If you are driving next to a tall vehicle (such as a truck or a bus) that blocks the signal.
- If you are driving in a valley where the surrounding hills or peaks block the signal from the satellite.
- If you are driving on a mountain road where is the signal blocked by mountains.



- If you are driving in an area with tall trees that block the signal (30 ft. /10m or more), for example on an road that goes through a dense forest.
- The signal can become weak in some areas that are not covered by the XM™ repeater network.

NOTE:

There may also be additional unforeseen circumstances leading to reception problems with the XM™ satellite radio signal.

Advisory Messages, such as 'CH Unavailable' may occur when starting XM Radio.

XM RADIO MODE

Basic Mode Screen





1. Mode Display

Displays currently operating mode.

2. Channel Information

Displays the category, channel number, channel name, artist and title information.

3. Preset

Displays currently playing preset number [1] ~ [6].

4. Preset Display

Displays saved presets.

Using SEEK

Press the SEEK TRACK key to play the previous/next channel.

✻ If the “Category” icon is displayed, channels are changed within the current category.

Using Tune

Turn the TUNE knob to select the desired channel.

SCAN

Press the SCAN key to scan all channels with superior reception for 5 seconds each.

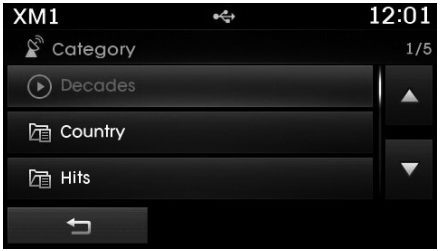
Once scan is complete, the previously played channel will be restored.

During Scan, pressing the SCAN key again will cancel the scan operation and restore the previously played channel.

If the “Category” icon is displayed, channels are changed within the current category.

Searching Categories

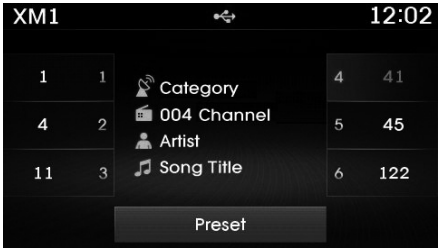
Select the category by using the HD/CAT FOLDER (CAT FOLDER) key and press the TUNE knob to select.



Channels for the selected category are played.

Selecting Presets/Saving Presets

Press the Preset button to display the broadcast information for the channel saved to each button.



Press the 1 ~ 6 buttons to play the desired preset.

✻ NOTICE

While listening to a channel you want to save as a preset, press and hold one of the 1 ~ 6 preset buttons (over 0.8 seconds) to save the current channel to the selected preset.

✻ NOTICE - USING THE DISCS

- This device has been manufactured to be compatible with software bearing the following logo marks.
- Do not clean discs with chemical solutions, such as record sprays, antistatic sprays, antistatic liquids, benzene, or thinners.
- After using a disc, put the disc back in its original case to prevent disc scratches.
- Hold discs by their edges or within the center hole to prevent damages to disc surfaces.
- Do not introduce foreign substances into the disc insert/eject slot. Introducing foreign substances could damage the device interior.
- Do not insert two discs simultaneously.
- When using CD-R/CD-RW discs, differences in disc reading and playing times may occur depending on the disc manufacturer, production method and the recording method as used by the user.

(Continued)

(Continued)

- Clean fingerprints and dust off the disc surface (coated side) with a soft cloth.
- The use of CD-R/CD-RW discs attached with labels may result in disc slot jams or difficulties in disc removal. Such discs may also result in noise while playing.
- Some CD-R/CD-RW discs may not properly operate depending on the disc manufacturer, production method and the record method as used by the user. If problems persist, trying using a different CD as continued use may result in malfunctions.
- The performance of this product may differ depending on the CD-RW Drive Software.
- Copy-protected CDs such as S-type CDs may not function in the device. DATA discs cannot be played. (However, such discs may still operate but will do so abnormally.)

(Continued)

(Continued)

- Do not use abnormally shaped discs (8cm, heart-shaped, octagon-shaped) as such discs could lead to malfunctions.
- If the disc is straddled on the disc slot without removal for 10 seconds, the disc will automatically be re-inserted into the disc player.
- Only genuine audio CDs are supported. Other discs may result in recognition failure (e.g. copy CD-R, CDs with labels)

MP3 File Information

• Supported Audio Formats

File System	ISO 9660 Level 1
	ISO 9660 Level 2
	Romeo / Juliet (128 characters)
Audio Compression	MPEG1 Audio Layer3
	MPEG2 Audio Layer3
	MPEG2.5 Audio Layer3
	Windows Media Audio Ver 7.X & 8.X

❈ File formats that do not comply with the above formats may not be properly recognized or play without properly displaying file names or other information.

• Support for Compressed Files

1. Supported Bitrates (Kbps)

BIT RATE(kbps)	MPEG1 Layer3	MPEG2 Layer3	MPEG2.5 Layer3	WMA High Range
	32	8	8	48
	40	16	16	64
	48	24	24	80
	56	32	32	96
	64	40	40	128
	80	48	48	160
	96	56	56	192
	112	64	64	
	128	80	80	
	160	96	96	
	192	112	112	
	224	128	128	
	256	144	144	
	320	160	160	

2. Sampling Frequencies (Hz)

MPEG1	MPEG2	MPEG2.5	WMA
44100	22050	11025	32000
48000	24000	12000	44100
3000	16000	8000	48000

- For MP3/WMA compression files, differences in sound quality will occur depending on the bitrate. (Higher sound quality can be experienced with higher bitrates.)
- This device only recognizes files with MP3/WMA extensions. Other file extensions may not be properly recognized.

3. Maximum number of recognized folders and files

- Folder : 255 folders for CD, 2,000 folders for USB
- File : 999 files for CD, 6,000 files for USB

❈ There are no limitations to the number of recognized folder levels

• Language Support (Unicode Support)

1. English: 94 characters
2. Special characters and Symbols : 986 characters

❈ Languages other than Korean and English (including Chinese) are not included.

4. Text Display (Based on Unicode)
   - File name: Maximum 64 English characters
   - Folder name: Max 32 English characters

❈ Using the scroll feature allows you to see the entire name of files with names that are too long to be displayed at once.

• Compatibility by Disc Type

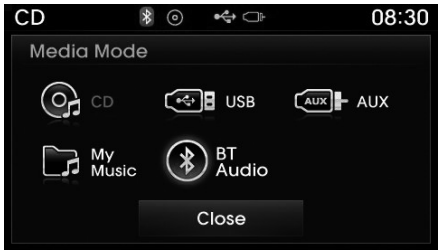
1. Playing MIXED CDs: First plays the audio CD, then plays the compressed file(s).
2. Playing EXTRA CDs: First plays the audio CD, then plays the compressed file(s).
3. Playing multisession CDs: Plays in order of sessions
   - MIXED CD : CD type in which both MP3 and audio CD files are recognized in one disc.
   - Multisession CD CD type that includes more than two sessions. Different from Extra CDs, multisession CDs are recorded by sessions and have no media limitation.

• Precautions upon Writing CDs

1. In all cases except when creating multisession discs, check the close session option before creating the disc. Though product malfunctions will not occur, some time may be required for the device to check whether the session state is closed (approximately 25 seconds). (Additional time may also be required depending on the number of folders or files.)
2. Changing the MP3/WMA file extensions or changing files of other extensions to MP3/WMA may result in product malfunction.
3. When naming files with MP3/WMA file extensions, write using only Korean and English. (Languages other than Korean and English are not supported and are displayed as blank.)
4. Unauthorized use or duplication of music files are prohibited by law.
5. Prolonged use of CD-R/CD-RW discs that do not satisfy related standards and/or specifications could result in product malfunction.
6. Unauthorized use or duplication of MP3/WMA files is prohibited by law.

MEDIA MODE

Pressing the MEDIA key will change the operating mode in order of CD➞USB(iPod)➞AUX➞My Music ➞ BT Audio.



If [Mode Pop up] is turned on within SETUP ▸[Display], then pressing the MEDIA key will display the Media Pop-up Mode screen.

Turn the TUNE knob to move the focus. Press the knob to select.

✻ NOTICE

- **The media mode pop up screen can be displayed only when there are two or more media modes turned on.**

Title Icon

When a *Bluetooth®* Wireless Technology, iPod, USB, or AUX device is connected or a CD is inserted, the corresponding mode icon will be displayed.



Icon	Title
	Bluetooth® Wireless Technology
	CD
	iPod
	USB
	AUX

AUDIO CD MODE

Basic Mode Screen



1. Mode

Displays currently operating mode.

2. Operation State

From Repeat/Random(Shuffle)/ Scan, displays the currently operating function.

3. Track Info

Displays information about the current track.

4. Play/Pause

Changes the play/pause state.

5. Play Time

Displays the current play time.

6. Info

Shows detailed information about the current track.

7. Random(Shuffle)

Turns the Random(Shuffle) feature on/off.

8. Repeat

Turns the Repeat feature on/off.

9. List

Moves to the list screen.

Using Audio CD Mode

Playing/Pausing CD Tracks

Once an audio CD is inserted, the mode will automatically start and begin playing.



While playing, press the ⏸ button to pause and press ▶ button to play.

✻ NOTICE

- **Only genuine audio CDs are supported. Other discs may result in recognition failure (e.g. copy CD-R, CDs with labels)**
- **The artist and title information are displayed on the screen if track information is included within the audio CD.**

Changing Tracks

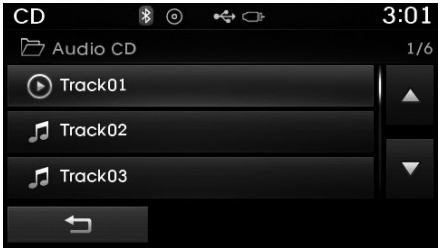
Press the SEEK TRACK key to move to the previous or next track.

✻ NOTICE

- **Pressing the SEEK TRACK key after the track has been playing for 2 seconds will start the current track from the beginning.**
- **Pressing the SEEK TRACK key before the track has been playing for 1 seconds will start the previous track.**

Selecting from the List

Turn the TUNE knob left/right to search for the desired track.



Once you find the desired track, press the TUNE knob to start playing.

Rewinding / Fast-forwarding Tracks

While playing, press and hold the SEEK TRACK key (over 0.8 seconds) to rewind or fast-forward the current track.

Scan

Press the SCAN key to play the first 10 seconds of each file.

Audio CD Mode Menu

Within this mode, you will have access to the Info, Random(Shuffle), Repeat and List features.



Info

Press the Info button to display details about the current disc.

Random(Shuffle)

Press the Shuffle button to play tracks in random(Shuffle) order.

Press the Shuffle button again to turn the Random(Shuffle) feature off.

- Random(Shuffle): Plays all tracks in random(Shuffle) order.

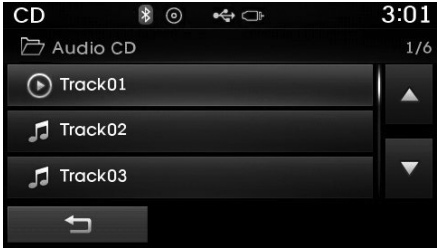
Repeat

Press the Repeat button to repeat the current track. Press the button again to turn the repeat feature off.

- Repeat : Repeats the current track.

List

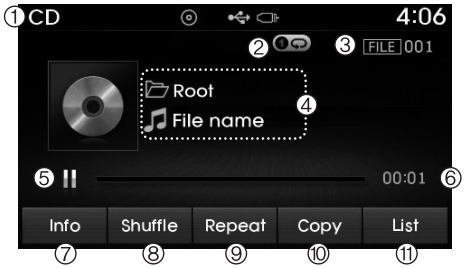
Press the List button to display the track list screen.



Turn the TUNE knob left/right to search for tracks. Once the desired track is displayed, press the knob to select and play.

MP3 CD MODE

Basic Mode Screen



1. Mode
Displays currently operating mode.

2. Operation State
From Repeat/Random(Shuffle)/ Scan, displays the currently operating function.

3. File Index
Displays the current file number.

4. File Info
Displays information about the current file.

5. Play/Pause
Changes the play/pause state.

6. Play Time
Displays the current play time.

7. Info
Shows detailed information about the current file.

8. Random(Shuffle)
Turns the Random(Shuffle) feature on/off.

9. Repeat
Turns the Repeat feature on/off.

10. Copy
Copies the current file into My Music

11. List
Moves to the list screen.

Using MP3 CD Mode

Playing/Pausing MP3 Files

Once an MP3 disc is inserted the mode will automatically start and being playing.



While playing, press the ⏸ button to pause and press ▶ button to play.

✻ NOTICE

- **If there are numerous files and folders within the disc, reading time could take more than 10 seconds and the list may not be displayed or song searches may not operate. Once loading is complete, try again.**

Changing Files

Press the SEEK TRACK key to move to the previous or next file.

✻ NOTICE

- **Pressing the SEEK TRACK key after the file has been playing for 2 seconds will start the current file from the beginning.**
- **Pressing the SEEK TRACK key before the file has been playing for 1 seconds will start the previous file.**

Selecting from the List

Turn the TUNE knob left/right to search for the desired file.



Once you find the desired file, press the TUNE knob to start playing.

Rewinding / Fast-forwarding Files

While playing, press and hold the SEEK TRACK key (over 0.8 seconds) to rewind or fast-forward the current file.

Scan

Press the SCAN key to play the first 10 seconds of each file.

Searching Folders

Press the HD/CAT FOLDER (CAT FOLDER) key to select and search folders.

Once the desired folder is displayed, press the TUNE knob to select.



The first file within the selected folder will begin playing.

MP3 CD Mode Menu

Within this mode, you will have access to the Info, Random(Shuffle), Repeat, Copy and List features.



Info

Press the Info button to display details about the current file.

✻ NOTICE

- **When the 'Folder File' option is set as the default display within Display setup, the album/artist/file information are displayed as detailed file information.**
- **When the 'Album Artist Song' option is set as the default display, the folder name/file name are displayed as detailed file information.**
- **The title, artist and album info are displayed only when such information are recorded within the MP3 file ID3 tag.**

Random(Shuffle)

Press the Shuffle button to play files in random(Shuffle) order.

Each time the button is pressed, the feature changes in order of Random (Shuffle) Folder ➡ Random (Shuffle) All➡ Off.

- Random(Shuffle) Folder : Plays all files within the current folder in Random (Shuffle) order.
- Random(Shuffle) All : Plays all files in Random(Shuffle) order.

Repeat

Press the Repeat button to repeat the current file or folder.

Each time the button is pressed, the feature changes in order of Repeat ➡Repeat Folder➡Off.

- Repeat: Repeats the current file.
- Repeat Folder: Repeats all files within the current Folder.

Copying Files

Press the Copy button to copy the current file into My Music.

✻ NOTICE

Selecting another feature during copying will display a pop-up asking whether you wish to cancel copying. To cancel, select 'Yes'.

List

Press the List button to display the file list screen.



Turn the TUNE knob left/right to search for files. Once the desired file is displayed, press the knob to select and play.

✻ NOTICE - USING THE USB DEVICE

- **Connect the USB device after turning on the engine. The USB device may become damaged if it is already connected when the ignition is turned on.The USB device may not operate properly if the car ignition is turned on or off with the USB device connected.**
- **Heed caution to static electricity when connecting/disconnecting USB devices.**
- **Encoded MP3 Players will not be recognized when connected as an external device.**
- **When connecting an external USB device, the device may not properly recognize the USB is in some states.**
- **Only products formatted with byte/sectors under 64Kbyte will be recognized.**
- **This device recognizes USB devices formatted in FAT 12/16/32 file formats. This device does not recognize files in NTFS file format.**

(Continued)

(Continued)

- **Some USB devices may not be supported due to compatibility issues.**
- **Avoid contact between the USB connector with bodily parts or foreign objects.**
- **Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.**
- **A strange noise may occur when disconnecting the USB.**
- **Make sure to connect/disconnect external USB devices with the audio power turned off.**
- **The amount of time required to recognize the USB device may differ depending on the type, size or file formats stored in the USB. Such differences in time are not indications of malfunctions.**
- **The device only supports USB devices used to play music files.**
- **USB images and videos are not supported.**

(Continued)

(Continued)

- **Do not use the USB I/F to charge batteries or USB accessories that generate heat. Such acts may lead to worsened performance or damage to the device.**
- **The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.**
- **When using mass storage USB devices with separate logical drives, only files saved to the root drive can be played.**
- **Files may not properly operate if application programs are installed to the USBs.**
- **The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognized as portable disk drives) are connected with the device.**

(Continued)

- **Charging through the USB may not work for some mobile devices.**
- **The device may not support normal operation when using a USB memory type besides (Metal Cover Type) USB Memory.**
- **The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.**
- **The device will not support files locked by DRM (Digital Rights Management.)**
- **USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognized.**
- **The device may not operate properly when using USB HDDs or USBs subject to connection failures caused by vehicle vibrations. (e.g. i-stick type)**

(Continued)

(Continued)

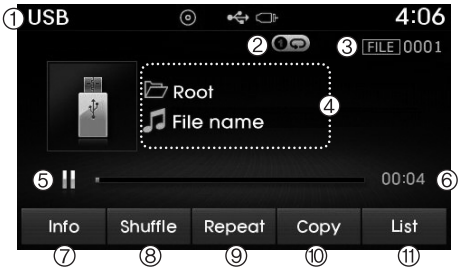
- **Avoid use of USB memory products that can also be used as key chains or mobile phone accessories. Use of such products may cause damage to the USB jack.**



- **Connecting an MP3 device or phone through various channels, such as AUX/BT or Audio/ USB mode may result in pop noises or abnormal operation.**

USB MODE

Basic Mode Screen



1. Mode
Displays currently operating mode.

2. Operation State
From Repeat/Random(Shuffle)/ Scan, displays the currently operating function.

3. File Index
Displays the current file number.

4. File Info
Displays information about the current file.

5. Play/Pause
Changes the play/pause state.

6. Play Time
Displays the current play time.

7. Info
Displays detailed information for the current file.

8. Random(Shuffle)
Turns the Random(Shuffle) feature on/off.

9. Repeat
Turns the Repeat feature on/off.

10. Copy
Copies the current file into My Music.

11. List
Moves to the list screen.

Using USB Mode

Playing/Pausing USB Files

Once a USB is connected, the mode will automatically start and begin playing a USB file.



While playing, press the ⏸ button to pause and press ▶ button to play.

✻ NOTICE

- **Loading may require additional time if there are many files and folders within the USB and result in faulty list display or file searching. Normal operations will resume once loading is complete.**
- **The device may not support normal operation when using a USB memory type besides (Metal Cover Type) USB Memory.**

Changing Files

Press the SEEK TRACK keys to move to the previous or next file.

✻ NOTICE

- **Pressing the SEEK TRACK key after the file has been playing for 2 seconds will start the current file from the beginning.**
- **Pressing the SEEK TRACK key before the file has been playing for 1 seconds will start the previous file.**

Selecting from the List

Turn the TUNE knob left/right to search for the desired file.



Once you find the desired file, press the TUNE knob to start playing.

Rewinding / Fast-forwarding Files

While playing, press and hold the SEEK TRACK key (over 0.8 seconds) to rewind or fast-forward the current file.

Scan

Press the SCAN key to play the first 10 seconds of each file.

Searching Folders

Press the HD/CAT FOLDER (CAT FOLDER)key to select and search folders.



Once the desired folder is displayed, press the TUNE knob to select.

The first file within the selected folder will begin playing.

USB Mode Menu

Within this mode, you will have access to the Info, Random(Shuffle), Repeat, Copy and List features.



Info

Press the Info button to display details about the current file.

✻ NOTICE

- **When the 'Folder File' option is set as the default display within Display setup, the album/artist/file information are displayed as detailed file information.**
- **When the 'Album Artist Song' option is set as the default display, the folder name/file name are displayed as detailed file information.**
- **The title, artist and album info are displayed only when such information are recorded within the MP3 file ID3 tag.**

Random(Shuffle)

Press the Shuffle button to play files in random(Shuffle) order.

Each time the button is pressed, the feature changes in order of Random(Shuffle) Folder➟Random (Shuffle) All➟Off.

- Random(Shuffle) Folder : Plays the files in the current folder in random(Shuffle) order.
- Random(Shuffle) All : Plays all files in random(Shuffle) order.

Repeat

Press the Repeat button to repeat the current file or folder.

Each time the button is pressed, the feature changes in order of Repeat ➟ Repeat Folder ➟ Off.

- Repeat (Icon) : Repeats the current file.
- Repeat Folder (Icon) : Repeats all files within the current folder.

Copying Files

Press the Copy button to copy the current file into My Music.

✻ NOTICE

Selecting another feature during copying will display a pop-up asking whether you wish to cancel copying. To cancel, select 'Yes'.

List

Press the List button to display the file list screen.



Turn the TUNE knob left/right to search for files. Once the desired file is displayed, press the knob to select and play.

✻ NOTICE - USING THE iPod® DEVICE

- **iPod® is a registered trademark of Apple Inc.**
- **In order to use the iPod while operating the keys, you must use a dedicated iPod cable. (the cable that is supplied when purchasing iPod/iPhone products)**
- **If the iPod is connected to the vehicle while it is playing, a high pitch sound could occur for approximately 1-2 seconds immediately after connecting. If possible, connect the iPod to the vehicle with the iPod stopped/paused.**
- **During ACC ON state, connecting the iPod through the iPod cable will charge the iPod through the car audio system.**
- **When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference.**

(Continued)

(Continued)

- **When the EQ features of an external device, such as the iPod, and the audio system are both active, EQ effects could overlap and cause sound deterioration and distortion. Whenever possible, turn off the EQ feature within the external device upon use by connecting with the audio system.**
- **Noise may occur when an iPod or AUX device is connected. When such devices are not being used, disconnect the device for storage.**
- **When the iPod or AUX device power is connected to the power jack, playing the external device may result in noise. In such cases, disconnect the power connection before use.**
- **Skipping or improper operation may occur depending on the characteristics of your iPod/Phone device.**

(Continued)

(Continued)

- **If your iPhone is connected to both the *Bluetooth*® Wireless Technology and USB, the sound may not be properly played. In your iPhone, select the Dock connector or *Bluetooth*® Wireless Technology to change the sound output (source).**
- **iPod mode cannot be operated when the iPod cannot be recognized due to versions that do not support communication protocols.**
- **For fifth generation iPod Nano devices, the iPod may not be recognized when the battery level is low. Please charge the iPod for use.**
- **Search/play orders shown within the iPod device may differ with the orders shown within the audio system.**
- **If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual)**

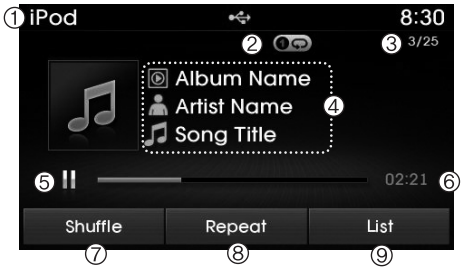
(Continued)

(Continued)

- **Some iPods may not sync with the System depending on its version. If the Media is removed before the Media is recognized, then the system may not properly restore the previously operated mode. (iPad charging is not supported.)**

iPod MODE

Basic Mode Screen



1. Mode

Displays currently operating mode.

2. Operation State

From Repeat/Random(Shuffle), displays the currently operating function.

3. Song Index

Displays the current song/total number of songs.

4. Song Info

Displays information about the current song.

5. Play/Pause

Changes the play/pause state.

6. Play Time

Displays the current play time.

7. Random(Shuffle)

Turns the Random(Shuffle) feature on/off.

8. Repeat

Turns the Repeat feature on/off.

9. List

Moves to the list screen.

Using iPod Mode

Playing/Pausing iPod Songs

Once an iPod is connected, the mode will automatically start and begin playing an iPod song.



While playing, press the ⏸ button to pause and press ▶ button to play.

✻ NOTICE

- **iPods with unsupported communication protocols may not properly operate in the audio system.**

Changing Songs

Press the SEEK TRACK key to move to the previous or next song.

✻ NOTICE

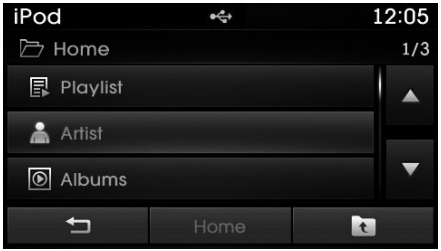
- **Pressing the SEEK TRACK key after the song has been playing for 2 seconds will start the current song from the beginning.**
- **Pressing the SEEK TRACK key before the song has been playing for 1 seconds will start the previous song.**
- **Slight time differences may exist depending your iPod product.**

Rewinding / Fast-forwarding Songs

While playing, press and hold the SEEK TRACK key (over 0.8 seconds) to rewind or fast-forward the current song.

Searching Categories

Turn the TUNE knob left/right to search for the desired category.

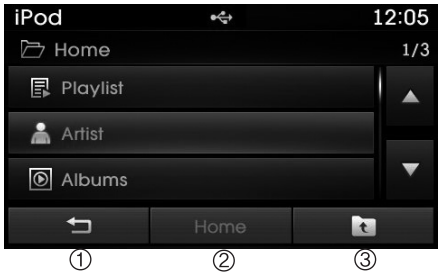


Once you find the desired category, press the TUNE knob to select and play.

✻ NOTICE

There are eight categories that can be searched, including Playlists, Artists, Albums, Genres, Songs, Composers, Audiobooks and Podcasts.

Category Menu
Within the iPod Category menu, you will have access to the , Home, and features.



1. : Displays the play screen
2. Home : Moves to the iPod root category screen
3. : Moves to the previous category

✻ NOTICE

- **If the search mode is accessed while playing a song, the most recently searched category is displayed.**
- **Search steps upon initial connection may differ depending on the type of iPod device.**

iPod Mode Menu

Within this mode, you will have access to the Random(Shuffle), Repeat and List features.



Random(Shuffle)

Press the Shuffle button to play songs in random(Shuffle) order.

Each time the button is pressed, the feature changes in order of Random(Shuffle) Album➟Random (Shuffle) All➟Off.

- Random(Shuffle) Album : Shuffle Album plays album in Random(Shuffle) order.
- Random(Shuffle) All : Plays all songs in Random(Shuffle) order.

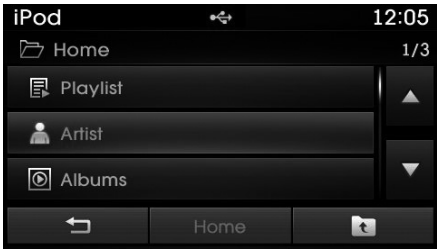
Repeat

Press the Repeat button to repeat the current song. Press the button again to turn the repeat feature off.

- Repeat : Repeats the current song

List

Press the List button to display the Category Menu.



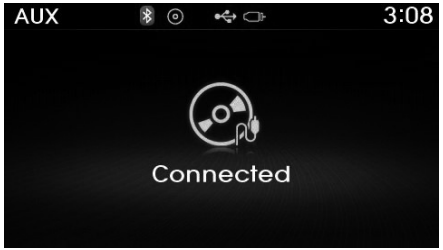
Turn the TUNE knob left/right to search for the desired category.

Once you find the desired category, press the TUNE knob to select and play.

AUX MODE

Using AUX Mode

Press the MEDIA key▸Select [AUX]



An external device can be connected to play music.

Connecting an External Device

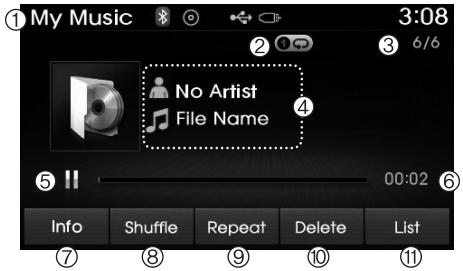
External audio players (Camcorders, car VCR, etc.) can be played through a dedicated cable.

✻ NOTICE

- **If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate. Once the connector is disconnected, the previous mode will be restored.**
- **AUX mode can be used only when an external audio player (camcorder, car VCR, etc.) has been connected.**
- **The AUX volume can be controlled separately from other audio modes.**
- **Connecting a connector jack to the AUX terminal without an external device will convert the system to AUX mode, but only output noise. When an external device is not being used, also remove the connector jack.**
- **When the external device power is connected to the power jack, playing the external device may output noise. In such cases, disconnect the power connection before use.**
- **Fully insert the AUX cable to the AUX jack upon use.**

MY MUSIC MODE

Basic Mode Screen



1. Mode
Displays currently operating mode.

2. Operation State
From Repeat/Random(Shuffle)/ Scan, displays the currently operating function.

3. File Index
Displays the current file/total number of files.

4. File Info
Displays information about the current file.

5. Play/Pause
Changes the play/pause state.

6. Play Time
Displays the current play time.

7. Info
Displays detailed information for the current file.

8. Random(Shuffle)
Turns the Random(Shuffle) feature on/off.

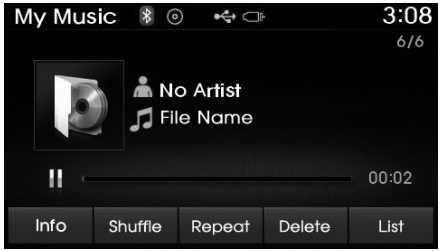
9. Repeat
Turns the Repeat feature on/off.

10. Delete
Deletes the current file.

11. List
Moves to the list screen.

Using My Music Mode

Playing/Pausing My Music Files



While playing, press the ⏸ button to pause and press ▶ button to play.

✻ NOTICE

If there are no files saved within My Music, the [My Music] button will be disabled.

Changing Files

Press the SEEK TRACK key to move to the previous or next file.

✻ NOTICE

- **Pressing the SEEK TRACK key after the file has been playing for 2 seconds will start the current file from the beginning.**
- **Pressing the SEEK TRACK key before the file has been playing for 1 seconds will start the previous file.**

Selecting from the List

Turn the TUNE knob left/right to search for the desired file.



Once you find the desired file, press the TUNE knob to start playing.

Rewinding / Fast-forwarding Files

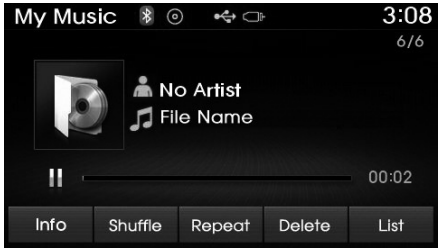
While playing, press and hold the SEEK TRACK key (over 0.8 seconds) to rewind or fast-forward the current file.

Scan

Press the SCAN key to play the first 10 seconds of each file.

My Music Mode Menu

Within this mode, you will have access to the Info, Random(Shuffle), Repeat, Delete and List features.



Info

Press the Info button to display details about the current file.

✻ NOTICE

The title, artist and album info are displayed only when such information is recorded within the MP3 file ID3 tag.

Random

Press the Shuffle button to play files in random order. Press the button again to turn the Random feature off.

Repeat

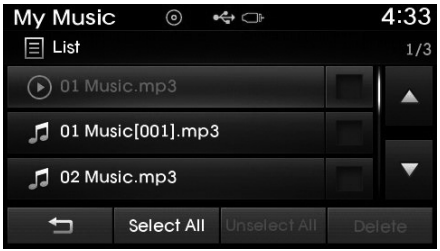
Press the Repeat button to repeat the current song. Press the button again to turn the repeat feature off.

Deleting Files

Press the Delete button to delete the current file.

List

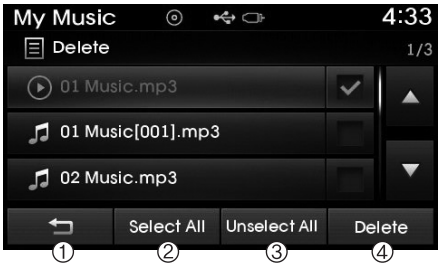
Press the List button to display the file list screen.



Turn the TUNE knob left/right to search for files. Once the desired file is displayed, press the knob to select and play.

List Menu

From the List screen, it is possible to delete files you previously saved into My Music.



Press the Select All button or individually select the files you want to delete. Once files are selected, the Unselect All button and Delete buttons will be enabled.

1) ⮌ : Moves to the previous screen
2) Sellect All: Selects all files
3) Unsellet All: Deselects all selected files
4) Delete: Deletes selected files

After selecting the files you want to delete, press the Delete button to delete the selected files.

✻ NOTICE

- **If there is memory available, up to 6,000 files can be saved.**
- **Identical files cannot be copied more than 1,000 times.**
- **To check memory information, go to SETUP ▸ [System] ▸ [Memory Information]**

✻ NOTICE - USING THE *Bluetooth*® Wireless Technology Audio Mode

- ***Bluetooth***® **Wireless Technology Audio Mode can be used only when a *Bluetooth*® Wireless Technology phone has been connected.**
- ***Bluetooth***® **Wireless Technology Audio Mode will not be available when connecting mobile phones that do not support this feature.**
- **While *Bluetooth*® Wireless Technology Audio is playing, if the *Bluetooth*® Wireless Technology phone is connected, then the music will also stop.**
- **Moving the Track up/down while playing *Bluetooth*® Wireless Technology audio mode may result in pop noises in some mobile phones.**
- ***Bluetooth***® **Wireless Technology streaming audio may not be supported in some mobile phones.**

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- **When returning to *Bluetooth*® Wireless Technology Audio mode after ending a call, the mode may not automatically restart in some mobile phones.**
- **Receiving an incoming call or making an outgoing call while playing *Bluetooth*® Wireless Technology Audio may result in audio interference.**

Bluetooth® Wireless Technology AUDIO MODE

Using *Bluetooth*® Wireless Technology Audio Mode

Playing/Pausing Bluetooth® Wireless Technology *Audio*

Once a *Bluetooth*® Wireless Technology device is connected, the mode will automatically start.



While playing, press the ▶II button to pause and press ▶II button to play.

✻ NOTICE

The play/pause feature may operate differently depending on the mobile phone.

Changing Files

Press the SEEK TRACK key to move to the previous or next file.

Setting Connection

If a *Bluetooth*® Wireless Technology device has not been connected, press the SETUP key ▸[Phone] button to display the *Bluetooth*® Wireless Technology connection screen.

It is possible to use the pair phone, connect/disconnect and delete features from your *Bluetooth*® Wireless Technology phone.

✻ NOTICE

- **If the *Bluetooth*® Wireless Technology audio is not operating properly, check whether the feature is turned off at SETUP ▸ [Phone] ▸ [Streaming Audio]. If the feature is off, turn back on and try again.**
- **If music is not yet playing from your mobile device after converting to *Bluetooth*® Wireless Technology Audio mode, pressing the play button once may start playing the mode. Check to see that music is playing from the *Bluetooth*® Wireless Technology device after converting to *Bluetooth*® Wireless Technology Audio Mode.**

Bluetooth® Wireless Technology

Pairing a *Bluetooth®* Wireless Technology wireless technology Device

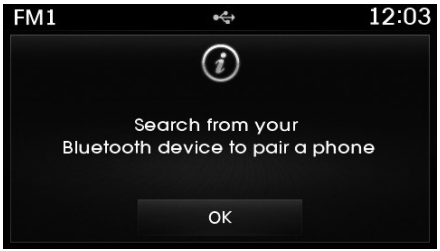
What is *Bluetooth®* Wireless Technology Pairing?

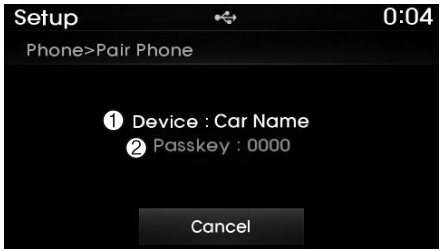
Pairing refers to the process of synchronizing your *Bluetooth®* Wireless Technology phone or device with the car audio system for connection. Pairing is necessary to connect and use the *Bluetooth®* Wireless Technology feature.

Pairing PHONE Key / Key on the Steering Remote Controller

When No Devices have been Paired

1. Press the PHONE key or the key on the steering remote controller. The following screen is displayed.
2. Press the OK button to enter the Pair Phone screen.





1) Device : Name of device as shown when searching from your *Bluetooth®* Wireless Technology device
2) Passkey : Passkey used to pair the device

3. From your *Bluetooth®* Wireless Technology device (i.e. Mobile Phone), search and select your car audio system.
4. After a few moments, a screen is displayed where the passkey is entered. Here, enter the passkey “0000” to pair your *Bluetooth®* Wireless Technology device with the car audio system.
5. Once pairing is complete, the following screen is displayed.

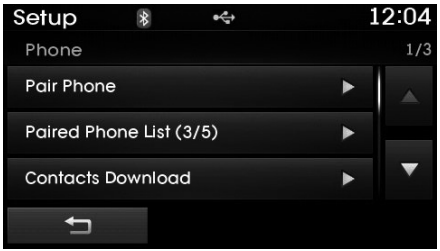
✻ NOTICE



- **If *Bluetooth*® Wireless Technology devices are paired but none are currently connected, pressing the PHONE key or the key on the steering remote controller displays the following screen. Press the [Pair] button to pair a new device or press the [Connect] to connect a previously pair device.**

Pairing through [PHONE] Setup

Press the SETUP key ▸Select [Phone]▸Select [Pair Phone] ▸ Select ◉TUNE knob



1. The following steps are the same as the steps described in the "When No Devices have been Paired" section.

✻ NOTICE

- **The waiting period during phone pairing is one minute. The pairing process will fail if the device is not paired within the given time. If the pairing process fails, you must start the process from the beginning.**
- **Generally, most *Bluetooth*® Wireless Technology devices will automatically connect once pairing is complete. However, some devices may require a separate verification process to connect. Check to see whether *Bluetooth*® Wireless Technology has been properly connected within your mobile phone.**
- **List of paired *Bluetooth*® Wireless Technology devices can be viewed at SETUP ▸[Phone]▸[Paired Phone List].**

Connecting a Device

Press the SETUP key ▸ Select [Phone] ▸ Select [Paired Phone List]



1) Connected Phone : Device that is currently connected
2) Paired Phone : Device that is paired but not connected

From the paired phone list, select the device you want to connect and press the Connect button.



Changing Priority

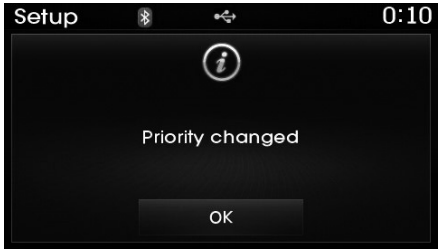
What is Priority?

It is possible to pair up to five *Bluetooth®* Wireless Technology devices with the car audio system. As a result, the "Change Priority' feature is used to set the connection priority of paired phones. However, the most recently connected phone will always be set as the highest priority.

Press the SETUP key ▸ Select [Phone] ▸ Select [Paired Phone List]



From the paired phone list, select the phone you want to change to the highest priority, then press the Change priority button from the Menu. The selected device will be changed to the highest priority.



✻ NOTICE

When a device is currently connected, even if you change the priority to a different device, the currently connected phone will always be set as the highest priority.

Disconnecting a Device

Press the SETUP key ▸ Select [Phone] ▸ Select [Paired Phone List]



From the paired phone list, select the currently connected device and press the Disconnect button.

Deleting a Device

Press the SETUP key ▸ Select [Phone] ▸ Select [Paired Phone List]



From the paired phone list, select the device you want to delete and press the Delete button.

✻ NOTICE

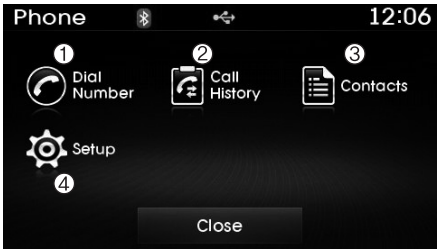
- **When deleting the currently connected device, the device will automatically be disconnected to proceed with the deleting process.**
- **If a paired *Bluetooth®* Wireless Technology device is deleted, the device's call history and contacts data will also be deleted.**
- **To re-use a deleted device, you must pair the device again.**

USING *Bluetooth®* Wireless Technology

Phone Menu Screen

Phone Menus

With a *Bluetooth®* Wireless Technology device connected, press the PHONE key to display the Phone menu screen.



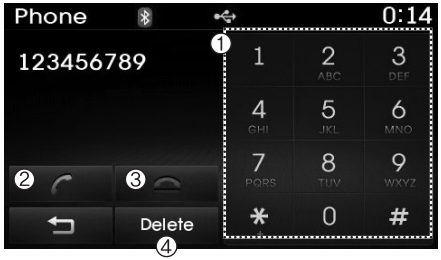
1) Dial Number : Displays the dial screen where numbers can be dialed to make calls
2) Call History : Device the call history list screen
3) Contacts : Displays the Contacts list screen
4) Setup : Displays Phone related settings.

✻ NOTICE

- **If you press the [Call History] button but there is no call history data, a prompt is displayed which asks to download call history data.**
- **If you press the [contacts] button but there is no contacs data, a prompt is displayed which asks to download contacts data.**
- **This feature may not be supported in some mobile phones. For more information on download support, refer to your mobile phone user's manual.**

Calling by Dialing a Number

Press the PHONE key▸Select [Dial Number]



1) Dial Pad : Used to enter phone number
2) Call : If a number has been entered, calls the number If no number has been entered, switches to call history screen
3) End : Deletes the entered phone number
4) Delete : Deletes entered numbers one digit at a time

Answering Calls

Answering a Call

Answering a call with a *Bluetooth®* Wireless Technology device connected will display the following screen.



1) Caller : Displays the other part's name when the incoming caller is saved within your contacts
2) Incoming Number : Displays the incoming number
3) Accept : Accept the incoming call
4) Reject : Reject the incoming call

✻ NOTICE

- **When the incoming call pop-up is displayed, most Audio and SETUP mode features will not operate. Only the call volume can be operated.**
- **The telephone number may not be properly displayed in some mobile phones.**
- **When a call is answered with the mobile phone, the call mode will automatically convert to Private mode.**

During a Handsfree Call



1) Caller : Displays the other party's name if the incoming caller is saved within your contacts
2) Incoming Number : Displays the incoming number
3) Call time : Displays the call time
4) End : Ends call
5) Private : Converts to Private mode
6) Out Vol. : Sets call volume as heard by the other party
7) Mute : Turns Mic Mute On/Off

✻ NOTICE

If the mic is muted, the other party will not be able to hear your voice.

Call History

Press the PHONE key ▸ Select [Call History]



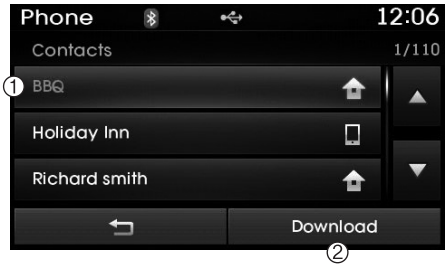
A list of incoming, outgoing and missed calls is displayed.

Press the Download button to download the call history.

1) Call History :
   - Displays recent calls (call history)
   - Connects call upon selection
2) Download : Download Recent Call History

Contacts

Press the PHONE key ▸ Select [Contacts]



The list of saved phone book entries is displayed. Press the Download button to download the call history.

1) Contacts List :
   - Displays downloaded contacts entries
   - Connects call upon selection
2) Download : Download contacts entries

✻ NOTICE

- **Up to 1,000 contacts entries can be copied into car contacts.**
- **Upon downloading contacts data, previously saved contacts data will be deleted.**
- **Downloading is not possible if the contacts download feature is turned off within the *Bluetooth*® Wireless Technology device. Also, some devices may require device authorization upon attempting to download. If downloading cannot be normally conducted, check the *Bluetooth*® Wireless Technology device setting or the screen state.**
- **Caller ID information will not be displayed for unsaved callers.**
- **The download feature may not be supported in some mobile phones. Check to see that the *Bluetooth*® Wireless Technology device supports the download feature.**

✻ NOTICE - USING THE Voice Recognition

- When using the voice recognition feature, only commands listed within the user's manual are supported.
- Be aware that during the operation of the voice recognition system, pressing any key other than the key or touching the screen will terminate voice recognition mode.
- For superior voice recognition performance, position the microphone used for voice recognition above the head of the driver's seat and maintain a proper position when saying commands.
- Within the following situations, voice recognition may not function properly due to external sound.
  - When the windows and sunroof are open
  - When the wind of the cooling / heating device is strong
  - When entering and passing through tunnels

(Continued)

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  - When driving on rugged and uneven roads
  - During severe rain (heavy rains, windstorms)
- Phone related voice commands can be used only when a *Bluetooth*® Wireless Technology device is connected.
- When making calls by stating a name, the corresponding contact must be downloaded and stored within the audio system.
- After downloading the *Bluetooth*® Wireless Technology phone book, it takes some times to convert the phone book data into voice information. During this time, voice recognition may not properly operate.
- Pronounce the voice commands naturally and clearly as if in a normal conversation.

VOICE RECOGNITION

Using Voice Recognition

Starting Voice Recognition

Shortly press the key on the steering remote controller .Say a command



If prompt feedback is in [ON], then the system will say “Please say a command. Beep”

- If prompt feedback is in [OFF], then the system will only say “Beep-”
- To change Prompt Feedback [On]/[Off], go to SETUP ▸ [System] ▸ [Prompt Feedback]

✻ NOTICE

For proper recognition, say the command after the voice instruction and beep tone.

Skipping Prompt Messages

While prompt message is being stated ▸ Shortly press the key on the steering remote controller (under 0.8 seconds)

The prompt message is immediately ended and the beep tone will sound. After the “beep”, say the voice command.

Re-starting Voice Recognition

While system waits for a command ▸ Shortly press the key on the steering remote controller (under 0.8 seconds)

The command wait state is immediately ended and the beep ton will sound. After the “beep”, say the voice command.

ENDING VOICE RECOGNITION

While Voice Recognition is operating
▸Press and hold the key on the steering remote controller (over 0.8 seconds)

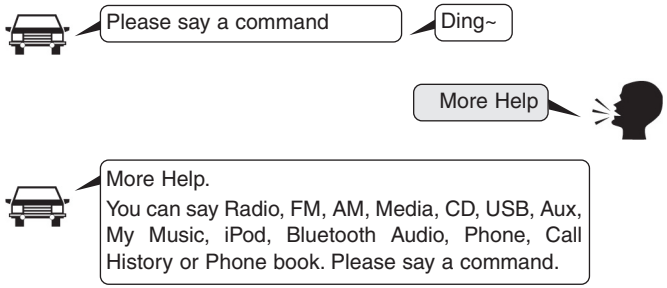
✻ NOTICE

- **While using voice command, pressing any steering wheel control or a different key will end voice command.**
- **In a state where the system is waiting for a voice command, say "cancel" or "end" to end voice command.**
- **In a state where the system is waiting for a voice command, press and hold the key on the steering remote controller to end voice command.**

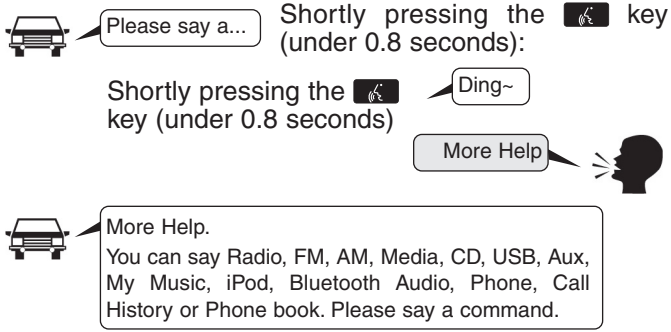
❊ Illustration on using voice commands

• Starting voice command.

Shortly pressing the key (under 0.8 seconds):

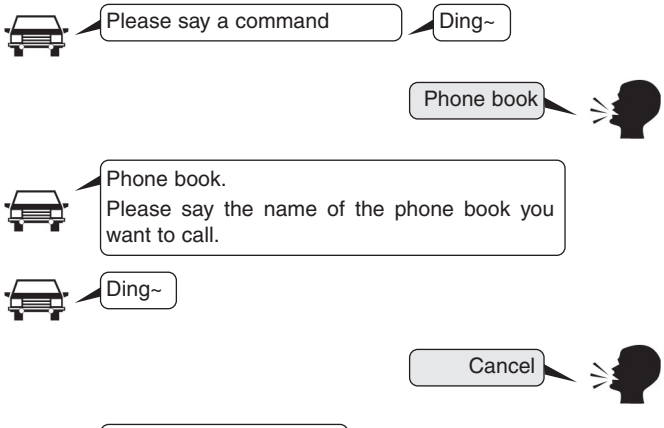


• Skipping Voice Recognition



• End voice command.

Shortly pressing the key (under 0.8 seconds):



Voice Command List

• Common Commands: These are commands that can be used in all situations. (However, some commands may not be supported in special circumstances.)

Command	Function
More Help	Provides guidance on commands that can be used anywhere in the system.
Help	Provides guidance on commands that can be used within the current mode.
Call<Name>	Calls <Name> saved in Contacts Ex) Call “John”
Dial<Number>	Call can be made by dialing the spoken numbers. Ex) Call “123”
Phone	Provides guidance on Phone related commands. After saying this command, say “Dial Number”, “Call History” or “Contacts” execute corresponding functions.
Call History	Displays the Call History screen.
Contacts (Call by Name)	Displays the Contacts screen. After saying this command, say the name of a contact saved in the Contacts to automatically connect the call.
Dial Number	Display the Dial number screen. After saying this command, you can say the number what you want to call.
Redial	Connects the most recently called number.

Command	Function
Radio	• When listening to the radio, displays the next radio screen. (FM1➟FM2➟AM➟XM1➟XM2➟XM3➟FM1) • When listening to a different mode, displays the most recently played radio screen. • When currently listening to the FM radio, maintains the current state. • When listening to a different mode, displays the most recently played FM screen.
FM1(FM One)	Displays the FM1 screen.
FM2(FM Two)	Displays the FM2 screen.
AM	Displays the AM screen.
FM Preset 1~6	Plays the most recently played broadcast saved in FM Preset 1~6.
AM Preset 1~6	Plays the broadcast saved in AM Preset 1~6.
FM 87.5~107.9	Plays the FM broadcast of the corresponding frequency.
AM 530~1710	Plays the AM broadcast of the corresponding frequency.
XM (Satellite)	• When currently listening to the XM, maintains the current state. • When listening to a different mode, displays the most recently played XM screen.

Command	Function
XM (Satellite) 1~3	Displays the selected XM screen.
XM Channel 0~255	Plays the selected XM channel.
Media	Moves to the most recently played media screen.
Play Track 1~30	If a music CD has been inserted, plays the corresponding track.
CD	Plays the music saved in the CD.
Search CD	Moves to the CD track or file selection screen. • For audio CDs, move to the screen and say the track number to play the corresponding track. • Moves to MP3 CD file selection screen. After manually operate the device to select and play music.
USB	Plays USB music.
Search USB	Moves to USB file selection screen. After manually operate the device to select and play music.
iPod	Plays iPod music.
Search iPod	Moves to the iPod file selection screen. After, manually operate the device to select and play music.

Command	Function
My Music	Plays the music saved in My Music.
Search My Music	Moves to My Music file selection screen. After manually operate the device to select and play music.
AUX (Auxiliary)	Plays the connected external device.
Bluetooth Audio	Plays the music saved in connected Bluetooth® device.
Mute	Mutes the radio or music volume.
Please repeat	Repeats the most recent comment.
Cancel (Exit)	Ends voice command.

• FM/AM radio commands: Commands that can be used while listening to FM, AM radio.

Command	Function
Preset 1~6	Plays the broadcast saved in Preset 1~6.
Auto Store	Automatically selects radio broadcast frequencies with superior reception and saves in Presets 1~6.
Preset Save 1~6	Saves the current broadcast frequency to Preset 1~6.
Seek up	Plays the next receivable broadcast.
Seek down	Plays the previous receivable broadcast.
Next Preset	Selects the preset number next to the most recently selected preset. (Example: When currently listening to preset no. 3, then preset no. 4 will be selected.)
Previous Preset	Selects the preset number previous to the most recently selected preset. (Example: When currently listening to preset no. 3, then preset no. 2 will be selected.)
Scan	Scans receivable frequencies from the current broadcast and plays for 10 seconds each.
Preset Scan	Moves to the next preset from the current present and plays for 10 seconds each.
Information	Displays the information of the current broadcast.(This feature can be used when receiving RBDS broadcasts.)

• Satellite radio commands: Commands that can be used while listening to Satellite Radio.

Command	Function
Channel Up	Plays the channel next to the current broadcast.
Channel Down	Plays the channel previous to the current broadcast.
Next Preset	Selects the preset number next to the most recently selected preset. (Example: When currently listening to preset no. 3, then preset no. 4 will be selected.)
Previous Preset	Selects the preset number previous to the most recently selected preset. (Example: When currently listening to preset no. 3, then preset no. 2 will be selected.)
Category	Moves to the Category selection screen.
Scan	Scans receivable channels from the current broadcast and plays for 10 seconds each.
Preset 1~6	Plays the broadcast saved in Preset 1~6.
Preset Save 1~6	Saves the current broadcast channel to 1~6.
Information	Displays the information of the current broadcast.

• Audio CD commands: Commands that can be used while listening to Audio CD.

Command	Function
Play	Plays the currently paused track.
Pause	Pauses the current track.
Shuffle	Randomly plays the tracks within the CD.
Shuffle Off	Cancels random play to play tracks in sequential order.
Repeat	Repeats the current track.
Repeat Off	Cancels repeat play to play tracks in sequential order.
Next Track	Plays the next track.
Previous Track	Plays the previous track.
Scan	Scans the tracks from the next track for 10 seconds each.
Track 1~30	Plays the desired track number.
Search Track	Moves to the track selection screen. After, say the track name to play the corresponding track.
Information	Displays the information screen of the current track.

• MP3 CD / USB commands: Commands that can be used while listening to music files saved in CD and USB.

Command	Function
Play	Plays the currently paused file.
Pause	Pauses the current file.
Shuffle	Randomly plays the files within the current folder.
All Shuffle	Randomly plays all saved files.
Shuffle Off	Cancels random play to play files in sequential order.
Repeat	Repeats the current file.
Folder Repeat	Repeats all files in the current folder.
Repeat Off	Cancels repeat play to play files in sequential order.
Next File	Plays the next file.
Previous File	Plays the previous file.
Scan	Scans the files from the next files for 10 seconds each.
Search File	Moves to the file selection screen.
Search Folder	Moves to the folder selection screen.
Information	Displays the information screen of the current file.
Copy	Copies the current file into My Music.

• iPod Commands: Commands that can be used while playing iPod.

Command	Function
Play	Plays the currently paused song.
Pause	Pauses the current song.
Shuffle	Randomly plays the songs within the current category.
Shuffle Off	Cancels random play to play songs in sequential order.
Repeat	Repeats the current song.
Repeat Off	Cancels repeat play to play songs in sequential order.
Next Song	Plays the next song.
Previous Song	Plays the previous song.
Search Song	Moves to the song selection screen.

• My Music Commands: Commands that can be used while playing My Music.

Command	Function
Play	Plays the currently paused file.
Pause	Pauses the current file.
Shuffle	Randomly plays all saved files.
Shuffle Off	Cancels random play to play files in sequential order.
Repeat	Repeats the current file.
Repeat Off	Cancels repeat play to play files in sequential order.
Next File	Plays the next file.
Previous File	Plays the previous file.
Scan	Scans the files from the next files for 10 seconds each.
Search File	Moves to the file selection screen.
Information	Displays the information screen of the current file.
Delete	Deletes the current file. You will bypass an additional confirmation process.
Delete All	Deletes all files saved in My Music. You will bypass an additional confirmation process.

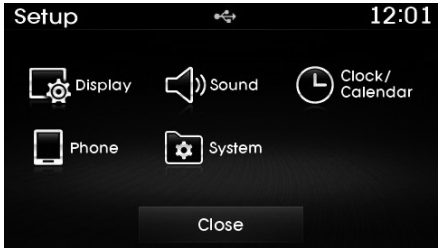
• *Bluetooth®* Wireless Technology Audio Commands: Commands that can be used while playing Phone Music.

Command	Function
Play	Plays the currently paused song.
Pause	Pauses the current song.

SETUP

Starting Mode

Press the SETUP key to display the Setup screen.



You can select and control options related to [Display], [Sound], [Clock/Calendar], [Phone] and [System].

Display Settings

Adjusting the Brightness

Press the SETUP key ▸ Select [Display] ▸ Select [Brightness]



Use the ◀, ▶ buttons to adjust the screen brightness or set the Brightness on Automatic, Daylight, or Night mode.

Press the Default button to reset.

1) Automatic : Adjusts the brightness automatically
2) Daylight : Always maintains the brightness on high
3) Night: Always maintains the brightness on low

Pop-up Mode

Press the SETUP key ▸ Select [Display] ▸ Select [Mode Pop up]



This feature is used to display the Pop-up Mode screen when entering radio and media modes.

When this feature is turned on, pressing the RADIO or MEDIA key will display the Pop-up Mode screen.

✻ NOTICE

The media Pop-up Mode screen can be displayed only when two or more media modes have been connected.

Text Scroll

Press the SETUP key▸Select [Display]▸Select [Text Scroll]



This feature is used to scroll text displayed on the screen when it is too long to be displayed at once.

When turned on, the text is repeatedly scrolled. When turned off, the text is scrolled just once.

MP3 Information Display

Press the SETUP key▸Select [Display]▸Select [Media Display]



This feature is used to change the information displayed within USB and MP3 CD modes.

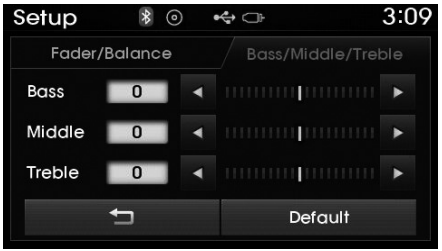
1) Folder File : Displays file name and folder name
2) Album Artist Song : Displays album name/artist name/song

Sound Settings

Sound Settings

Press the SETUP key▸Select [Sound]▸Select [Sound Setting]





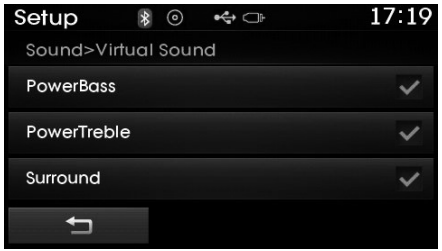
Use the ◀, ▶, ▲, ▼ buttons to adjust the Fader/Balance settings.

Use the ◀, ▶ buttons to adjust the Bass/Middle/Treble settings.

Press the Default button to reset.

Virtual Sound

Press the SETUP key ▸ Select [Sound] ▸ Select [Virtual Sound]



This feature is used to set the Power Bass, Power Treble and Surround sound options.

SDVC (Speed Dependent Volume Control)

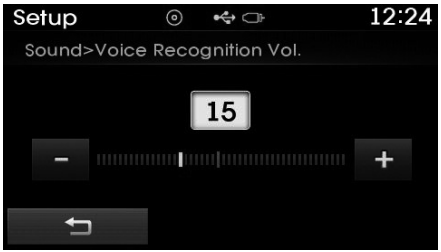
Press the SETUP key ▸ Select [Sound] ▸ Select [Speed Dependent Vol.]



The volume level is controlled automatically according to the vehicle speed. SDVC can be set by selecting from Off/Low/Mid/High.

Voice Recognition Volume

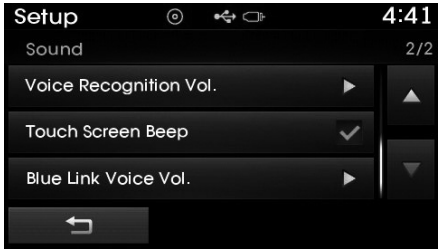
Press the SETUP key ▸ Select [Sound] ▸ Select [Voice Recognition Vol.]



Turn the TUNE knob to adjust the Voice Recognition volume.

Touch Screen Beep

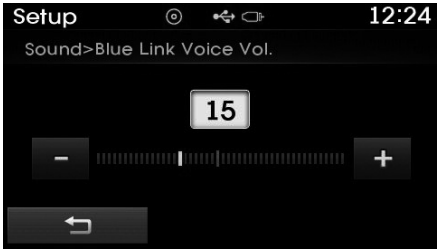
Press the SETUP key ▸ Select [Sound] ▸ Select [Touch Screen Beep]



This feature is used to turn the touch screen beep on/off.

Blue Link Voice Volume

Press the SETUP key ▸ Select [Sound] ▸ Select [Blue Link Voice Vol.]



Turn the TUNE knob to adjust the Blue Link Voice Volume.

❊ Blue Link® may differ depending on the selected audio.

Clock/Calendar Setting

Clock Setting

Press the SETUP key ▸ Select [Clock/Calendar] ▸ Select [Clock Settings]

Use the ▲, ▼ buttons to set the Hour, Minutes and AM/PM setting.



✻ NOTICE

Press and hold the CLOCK key (over 0.8 seconds) to set the Clock/Calendar screen.

Calendar Setting

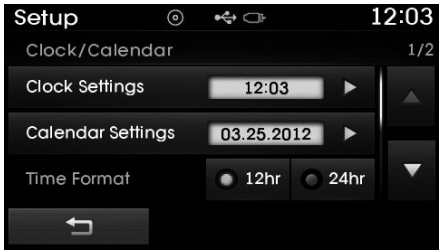
Press the SETUP key ▸ Select [Clock/Calendar] ▸ Select [Calendar Settings]



Use the ▲, ▼ buttons to set the Month, Day and Year setting.

Time Format

Press the SETUP key ▸ Select [Clock/Calendar] ▸ Select [Time Format]



This feature is used to change the clock

format between 12hr or 24hr.

Clock Display

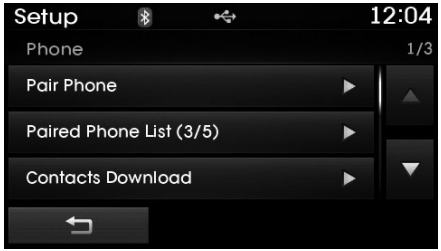
Press the SETUP key ▸ Select [Clock/Calendar] ▸ Select [Clock Display (Power off)]

This feature is used to display a clock on the screen when the audio system is turned off.

Bluetooth® Wireless Technology Setting

Pairing a New Device

Press the SETUP key ▸ Select [Phone] ▸ Select [Pair Phone]

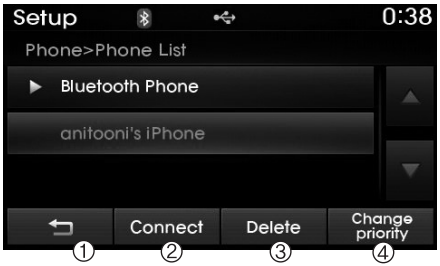


Bluetooth® Wireless Technology devices can be paired with the audio system.

For more information, refer to the "Pairing through Phone Setup" section within *Bluetooth®* Wireless Technology.

Viewing Paired Phone List

Press the SETUP key ▸ Select [Phone] ▸ Select [Paired Phone List]



This feature is used to view mobile phones that have been paired with the audio system. Upon selecting a paired phone, the setup menu is displayed.

For more information, refer to the "Setting *Bluetooth®* Wireless Technology Connection" section within *Bluetooth®* Wireless Technology.

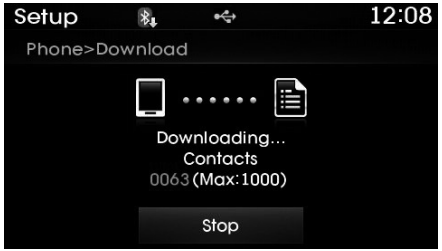
1) : Moves to the previous screen
2) Connect/Disconnect Phone : Connect/ disconnects currently selected phone
3) Delete : Deletes the currently selected phone
4) Change Priority : Sets currently selected phone to highest connection priority

✻ NOTICE BEFORE DOWNLOADING CONTACTS

- **Only contacts within connected phones can be downloaded. Also check to see that your mobile phone supports the download feature.**
- **To learn more about whether your mobile phone supports contacts downloads, refer to your mobile phone user's manual.**
- **The contacts for only the connected phone can be downloaded. Before downloading, check to see whether your phone supports the download feature.**

Downloading Contacts

Press the SETUP key ▸ Select [Phone] ▸ Select [Contacts Download]



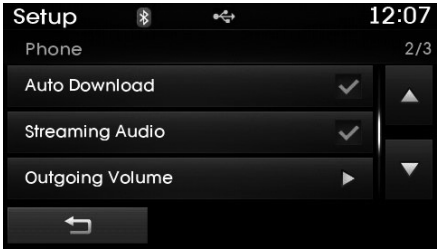
The contacts is downloaded from the mobile phone and the download progress is displayed.

✻ NOTICE

- **Up to 1,000 contacts entries can be copied into car contacts.**
- **Up to 1,000 contacts entries can be saved for each paired device.**
- **Upon downloading contacts data, previously saved contacts data will be deleted. However, contacts entries saved to other paired phones are not deleted.**

Auto Download (Contacts)

Press the SETUP key ▸ Select [Phone] ▸ Select [Auto Download]



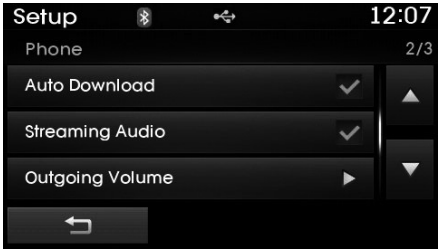
This feature is used to automatically download mobile contacts entries once a *Bluetooth®* Wireless Technology phone is connected.

✻ NOTICE

- **The Auto Download feature will download mobile contacts entries every time the phone is connected. The download time may differ depending on the number of saved contacts entries and the communication state.**
- **Before downloading contacts, first check to see that your mobile phone supports the contacts download feature.**

Streaming Audio

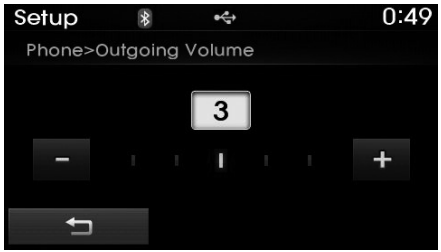
Press the SETUP key ▸ Select [Phone] ▸ Select [Streaming Audio]



When Streaming Audio is turned on, you can play music files saved in your *Bluetooth®* Wireless Technology device from the car.

Outgoing Volume

Press the SETUP key ▸ Select [Phone] ▸ Select [Outgoing Volume]

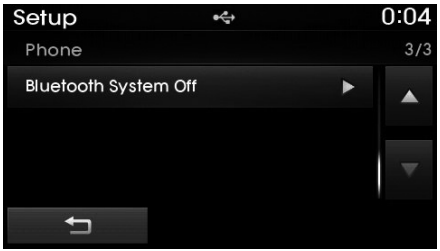


Use the −, + buttons to adjust the outgoing volume level.

Turning Bluetooth System Off

Press the SETUP key ▸ Select [Phone] ▸ Select [Bluetooth System Off]

Once *Bluetooth®* Wireless Technology is turned off, *Bluetooth®* Wireless Technology related features will not be supported within the audio system.





✻ NOTICE

To turn *Bluetooth®* Wireless Technology back on, go to SETUP ▸ [Phone] and press "Yes".

System Setting

HD Radio On/Off

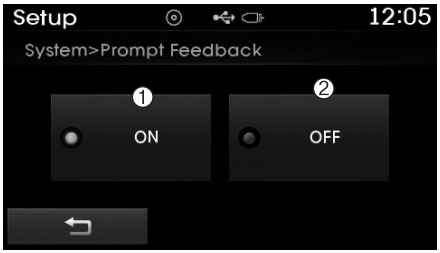
Press the SETUP key ▸ Select [System] ▸ Select [FM], [AM]



This feature is used to set whether to receive FM/AM HD Radio broadcasts.

Prompt Feedback

Press the SETUP key ▸ Select [System] ▸ Select [Prompt Feedback]

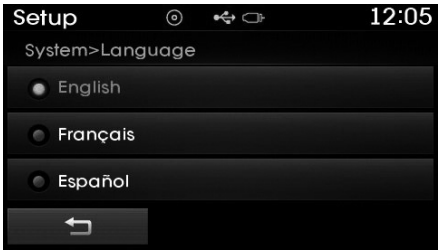


This feature is used to select the desired prompt feedback option from ON and OFF.

1) ON : When using voice recognition, provides detailed guidance prompts
2) OFF : When using voice recognition, omits some guidance prompts

Language

Press the SETUP key ▸ Select [System] ▸ Select [Language]

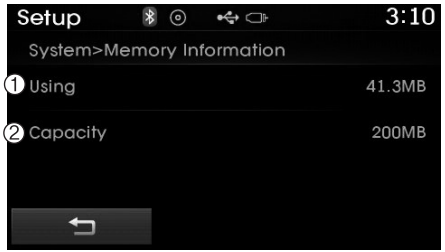


This feature is used to change the system and voice recognition language.

If the language is changed, the system will restart and apply the selected language.

Memory Information

Press the SETUP key ▸ Select [System] ▸ Select [Memory Information]



This feature displays information related to system memory.

1) Using : Displays capacity currently in use
2) Capacity : Displays total capacity

REAR VIEW CAMERA (if equipped)

- The system has been equipped with a rear view camera for user safety by allowing a wider rear range of vision.
- The rear view camera will automatically operate when the ignition key is turned ON and the transmission lever is set to R.
- The rear view camera will automatically stop operating when set to a different lever.

⚠ CAUTION

- ***The rear view camera has been equipped with an optical lens to provide a wider range of vision and may appear different from the actual distance. For safety, directly check the rear and left/right sides.***

Blue Link®
(if equipped)

Hyundai aims to offer differentiated customer values through a 'Connected Car Life,' which is to provide consumers with fast and reliable IT technology. As consumers' lifestyles become more and more mobile in thanks to remarkable advances in smart phones, tablet PCs and overall wireless telecommunication, new lifestyle patterns demand seamless connection between one's office, home, outdoors and automobiles.

Automobile companies are now faced with the task of shifting their paradigm from vehicle-centered services to customer value-centered services, with the ultimate goal of securing global leadership in the field of vehicle IT and telematics.

Hyundai Motor plans to achieve this by realizing a terminal platform flexible to changes in IT technology, cooperating with global IT companies, creating an eco-system and providing the latest contents & services based on an open environment.

Using the Room Mirror Key

Selecting the room mirror key will allow you to make service required inquiries, POI info searches, and emergency rescues by connecting to the Blue Link® Center.

Such features can be used only after subscribing to the Blue Link® service.



① (Blue Link® Center)

Makes requests for Blue Link® service related inquiries and consultations.

A call is connected to the Blue Link® ser-vice center employee.

Re-pressing the key will end the call.

This feature does not operate when you are on a Bluetooth® phone call.

② (Blue Link® for POI)

• Blue Link® for Voice command

Starts Blue Link® voice command.

Voice receiving voice guidance, shortly press the button to convert to voice command mode. Press and hold the button to end voice command.

• TBT VR Commands

1. Navigate to

"Navigate to" voice command is used to request the download of route data for a new destination, saved destinations, daily routes and previous destinations.

2. Save Destination

"Save Destination" VR command is used to assign a voice tag to the last downloaded destination and store it in a destination directory.

NOTE:

The Turn by Turn(TBT) feature supports the store of ten(10) destinations in the TBT destinations directory.

3. Route Preview

"Route Preview" VR command allows the user to preview the route instructions (upcoming maneuver instructions) at any time during the route guidance.

4. Destinations List

"Destinations List" VR command allows the user to preview and delete the stored destinations with their associated voice tags in the Turn by Turn destinations directory.

5. Voice Guidance

"Voice Guidance" VR command allows the user to mute/unmute the Turn by Turn(TBT) direction announcements.

6. Suspend Route

"Suspend Route" VR command allows the user to suspend and pause Turn by Turn(TBT) route guidance while in the guidance mode.

7. Resume Route

"Resume Route" VR command allows the user to resume Turn by Turn(TBT) route guidance.

③ SOS (Blue Link® for SOS)

In the case of an emergency, requests for help to the Blue Link® center.

Call is connected to the Blue Link® emergency rescue center. Re-pressing the key will end the call.

If already on a Bluetooth® phone call, the call will end to connect you to the Blue Link® Emergency Rescue Center.

⚠ CAUTION

- ***You cannot talk simultaneously on the Bluetooth® phone and Blue Link® phone.***
- ***While on a Bluetooth® call, pressing the key or key will display a message indicating that you are currently on a call.***
- ***A message will be displayed if you receive a Bluetooth® Bluetooth® Wireless Technology call while already on a Blue Link® call. At this time, press the key on the steering wheel remote controller to accept the call. The phone bell will not ring.***

Eco Coach



• What is Eco Coach?

Every 2.5 minutes, Eco Coach compares your fuel economy against the government tested average (EPA) or other similar Hyundai models (community), based on your preference. Each month, or after every tank fill up, Eco Coach rates your extended average and gives you a reward star if you best the average.

See your My Hyundai web page for more information.

• What does the bar graph and horizontal line mean?

The horizontal line is adjusted once per month or at each tank full, based on your preference; it represents the EPA combined average or community average fuel economy target.

• What is My Eco MPG?

Your actual fuel economy average over 2.5 minutes.

This value is also shown in bar graph as your “now” rating.

• What are Eco Rewards?

If you beat the average (the EPA or community), you will receive an Eco Reward point.

See your my Hyundai web page for more information.

[Eco Driving] will not operate if the vehicle ignition is not turned on. Please operate with the ignition turned on.

Turn by Turn

The Turn by Turn feature can be used through Blue Link®.



1. Direction Indicator Image
2. Remaining distance until next point
3. The Count bar is divided into a total of 9 levels.

9 Level	0.5mi	8 Level	0.4mi
7 Level	0.3mi	6 Level	0.2mi
5 Level	0.1mi	4 Level	400ft
3 Level	300ft	2 Level	200ft
1 Level	100ft		

4. Next Street name
5. Distance to destination
6. Expected Time Arrival
7. Current Street name

❊ For information on specific Blue Link® operations, please refer to a separate manual.