HYUNDAI

ACCENT

امداد خودرو فارما
تلفن شبانه روزی: ۰۲۱-۸۸۸۶۲۰۸۵

OWNER'S MANUAL

A030A01A-AAT

Operation
Maintenance
Specifications

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All information in the Owner's Manual is current at the time of publication. However, Hyundai reserves the right to make changes at any time as part of our policy of continual product improvement may be carried out.

This manual applies to all Hyundai models and includes descriptions and explanations of optional as well as standard equipment. As a result, you may find material in this manual that does not apply to your specific vehicle.

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CAUTION: MODIFICATIONS TO YOUR HYUNDAI

Your Hyundai should not be modified in any way. Such modifications may adversely affect the performance, safety or durability of your Hyundai and may, in addition, violate conditions of the limited warranties covering the vehicle. Certain modifications may also be in violation of regulations established by the U.S. Department of Transportation and other federal or state agencies.

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TWO-WAY RADIO OR CELLULAR TELEPHONE INSTALLATION

Your vehicle is equipped with electronic fuel injection and other electronic components. It is possible for an improperly installed/adjusted two-way radio or cellular telephone to adversely affect electronic systems. For this reason, we recommend that you carefully follow the radio manufacturer's instructions or consult your Hyundai dealer for precautionary measures or special instructions if you choose to install one of these devices.

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SAFETY AND VEHICLE DAMAGE WARNING

This manual includes information titled as WARNING, CAUTION and NOTE.
These titles indicate the following:

WARNING:
This indicates that a condition may result in harm, serious injury or death to you or other persons if the warning is not heeded. Follow the advice provided with the warning.

CAUTION:
This indicates that a condition may result in damage to your vehicle or its equipment if the caution is not heeded. Follow the advice provided with the caution.

NOTE:
This indicates that interesting or helpful information is being provided.

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VEHICLE DATA COLLECTION AND EVENT DATA RECORDERS

Your Hyundai vehicle is equipped with many high technology, electronically controlled systems that help to ensure your vehicle operates properly and provides the performance that you expect. These systems utilize computers to monitor the operation of various systems and components and help to control their operation. These computerized system operations are wide-ranging and involve components to reduce emissions, to continuously evaluate the readiness of the airbag and seat belt pretensioner systems, to determine when the airbag and seat belt pre-tensioner systems should be deployed and then to activate the deployment, and if equipped, to operate anti-lock braking, traction control and electronic stability control to assist the driver to control the vehicle in difficult driving situations. These systems electronically store information that is useful to service technicians when they need to diagnose and repair these systems. Additional information is stored only when a crash occurs that results in the deployment of the airbags or seat belt pre-tensioners. This type of data storage is done by devices called event data recorders(EDR).

After a crash event, the airbag and seat belt pre-tensioner computer system, known as the Supplemental Restraint System Control Module (SRSCM) or Airbag Control Unit (ACU), may record some information about the condition of the vehicle and how it was being operated. This information consists of data related to seat belt usage and if there was diagnostic information in the airbag or seat belt systems at the time that a crash occurred, and if the ACU sensed that a crash of sufficient severity occurred to require seat belt pre-tensioner or airbag deployment.

To retrieve this information, special equipment is needed and access to the vehicle or the device that stores the data is required. Hyundai will not access information about a crash event or share it with others except:

- **in response to an official request of police or similar government office, or**
- **with the consent of the vehicle owner or, if the vehicle is leased, with the consent of the lessee, or**
- **as part of Hyundai's defense of litigation, or**
- **as required by law.**

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FOREWORD

Thank you for choosing Hyundai. We are pleased to welcome you to the growing number of discriminating people who drive a Hyundai. The advanced engineering and high-quality construction of each Hyundai we build is something of which we're very proud.

Your Owner's Manual will introduce you to the features and operation of your new Hyundai. It is suggested that you read it carefully because the information it contains can contribute greatly to the satisfaction you receive from your new car.

The manufacturer also recommends that all service and maintenance on your car be performed by an authorized Hyundai dealer. Hyundai dealers are prepared to provide high-quality service, maintenance and any other assistance that may be required.

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HYUNDAI MOTOR AMERICA

Note: Because future owners will also need the information included in this manual, if you sell this Hyundai, please leave the manual in the vehicle for their use. Thank you.

CAUTION:
Severe engine and transaxle damage may result from the use of poor quality fuels and lubricants that do not meet Hyundai specifications. You must always use high quality fuels and lubricants that meet the specifications listed on Page 9-4 in the Vehicle Specifications section of the Owner's Manual and which also appear in the Service Station Information on the back cover of the Owner's Manual.

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Guide to Hyundai Genuine Parts

1. What are Hyundai Genuine Parts?

Hyundai Genuine Parts are the same parts used by Hyundai Motor Company to manufacture vehicles. They are designed and tested for the optimum safety, performance, and reliability to our customers.

2. Why should you use genuine parts?

Hyundai Genuine Parts are engineered and built to meet rigid manufacturing requirements. Using imitation, counterfeit or used salvage parts is not covered under the Hyundai New Vehicle Limited Warranty or any other Hyundai warranty. In addition, any damage to or failure of Genuine Hyundai Parts caused by the installation or failure of an imitation, counterfeit or used salvage part is not covered by any Hyundai Warranty.

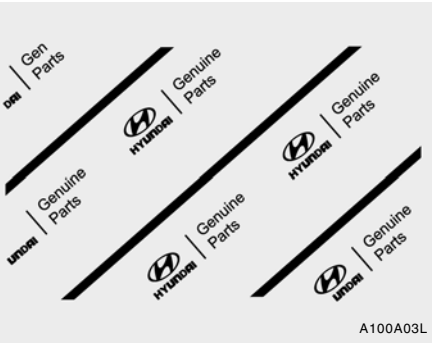
3. How can you tell if you are purchasing Hyundai Genuine Parts?

Look for the Hyundai Genuine Parts Logo on the package (see below).

Hyundai Genuine Parts exported to the United States are packaged with labels written only in English.

Hyundai Genuine Parts are only sold through authorized Hyundai Dealerships.

" To find the closest authorized dealer call 1-800-826-CARS "



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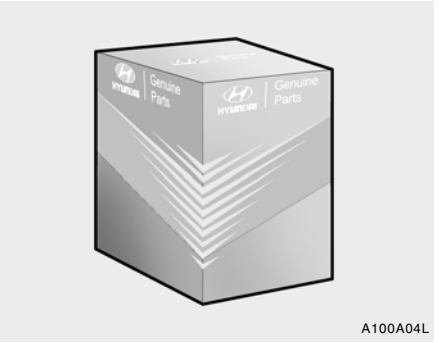

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INSTRUMENTS AND CONTROLS

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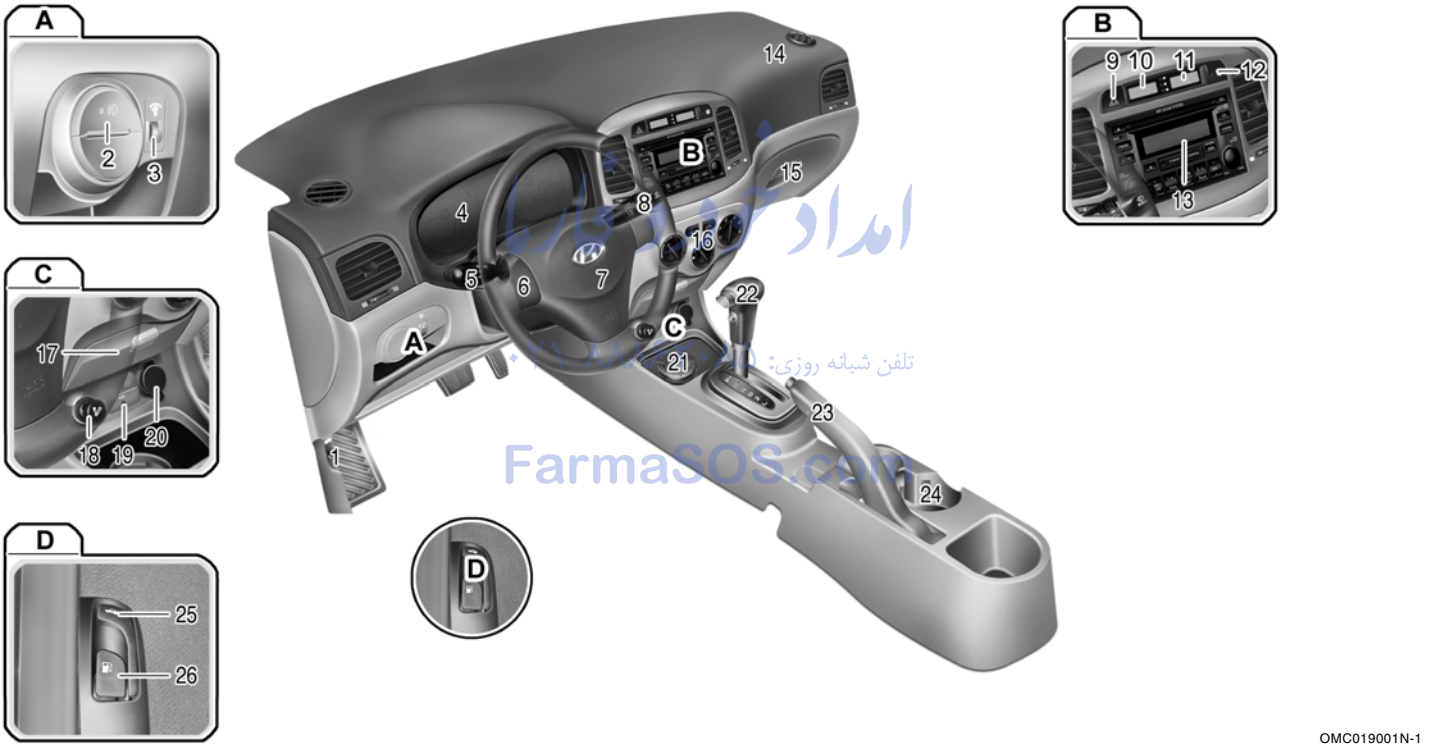

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CAUTION:

When installing a container of liquid air freshener inside the vehicle, do not place it near the instrument cluster nor on the instrument panel surface. If there is any leakage from the air freshener onto these areas (Instrument cluster, instrument panel or air ventilator), it may damage these parts. If the liquid from the air freshener does leak onto these areas, wash them with water immediately.

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INDICATOR SYMBOLS ON THE INSTRUMENT PANEL

- SRS (Airbag) Warning Light
- ABS Service Reminder Indicator (If Installed)
- O/D OFF Indicator (Automatic transaxle only)
- Turn Signal Indicator Lights
- High Beam Indicator Light
- Low Oil Pressure Warning Light
- Parking Brake/Low Brake Fluid Level Warning Light
- Charging System Warning Light
- Door Ajar Warning Light and Chime
- Trunk Lid / Tail Gate Open Warning Light
- Low Fuel Level Warning Light
- Check Fuel Filler Cap Warning Light
- Malfunction Indicator Light
- Seat Belt Warning Light and Chime
- Engine Coolant Temperature Warning Light
- Cruise Indicator Light (If Installed)
- Cruise SET Indicator Light (If Installed)
- Low Tire Pressure Telltale (If Installed)
- TPMS (Tire Pressure Monitoring System) Malfunction Indicator (If Installed)

* More detailed explanations of these items will be found begining on page 1-64.

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FUEL RECOMMENDATIONS

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Use Unleaded Gasoline

Unleaded gasoline with a Pump Octane Rating of 87 (Research Octane Number 91) or higher must be used in your Hyundai.

WARNING:

- **Do not "top off" after the nozzle automatically shuts off when refueling.**
- **Tighten the cap until it clicks, otherwise the " CHECK FUEL CAP " light will illuminate.**
- **Always check that the fuel cap is installed securely to prevent fuel spillage in the event of an accident.**

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What About Gasohol?

Gasohol (a mixture of 90% unleaded gasoline and 10% ethanol or grain alcohol) may be used in your Hyundai. However, if your engine develops driveability problems, the use of 100% unleaded gasoline is recommended. Fuels with unspecified quantities of alcohol, or alcohols other than ethanol, should not be used.

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Use of MTBE

Hyundai recommends that fuels containing MTBE (Methyl Tertiary Butyl Ether) over 15.0% vol. (Oxygen Content 2.7% weight) should not be used in your Hyundai.
Fuel containing MTBE over 15.0% vol. (Oxygen Content 2.7% weight) may reduce vehicle performance and produce vapor lock or hard starting.

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Do Not Use Methanol

Fuels containing methanol (wood alcohol) should not be used in your Hyundai. This type of fuel can reduce vehicle performance and damage components of the fuel system.

CAUTION:
Your Hyundai's New Vehicle Limited Warranty may not cover damage to the fuel system and any performance problems that are caused by the use of fuels containing methanol or fuels containing MTBE (Methyl Tertiary Butyl Ether) over 15.0% vol. (Oxygen Content 2.7% weight.)

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BREAKING IN YOUR NEW HYUNDAI

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Gasolines for Cleaner Air

To help contribute to cleaner air, Hyundai recommends that you use gasolines treated with detergent additives, which help prevent deposit formation in the engine. These gasolines will help the engine run cleaner and enhance performance of the Emission Control System.

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Operation in Foreign Countries

If you are going to drive your Hyundai in another country, be sure to:

- o Observe all regulations regarding registration and insurance.
- o Determine that acceptable fuel is available.

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During the First 1200 Miles (2000 Km)

No formal "break-in" procedure is required with your new Hyundai. However, you can contribute to the economical operation and durability of your Hyundai by observing the following recommendations during the first 1200 miles (2000 km).

- o Don't drive faster than 55 MPH (88 km/h).
- o While driving, keep your engine speed (rpm, or revolutions per minute) between 2,000 rpm and 4,000 rpm.
- o Use moderate acceleration. Don't start quickly or depress the accelerator pedal fully.
- o For the first 200 miles (300 km), try to avoid hard stops.
- o Don't lug the engine (in other words, don't drive so slowly in too high a gear that the engine "bucks"-shift to a lower gear).
- o Whether going fast or slow, vary your speed from time to time.
- o Don't let the engine idle longer than 3 minutes at one time.
- o Don't tow a trailer during the first 1,200 miles (2,000 km) of operation.

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KEYS

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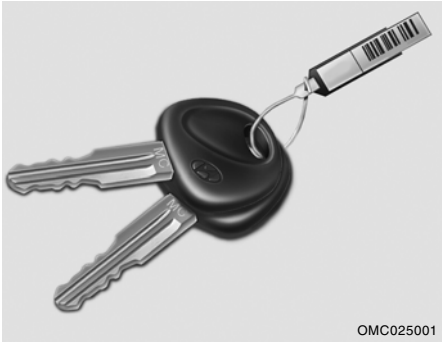

For greater convenience, the same key operates all the locks in your Hyundai. However, because the doors can be locked without a key, carrying a spare key is recommended in case you accidentally lock one key inside the car.

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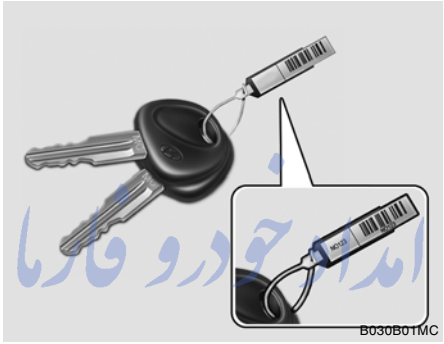
Record Your Key Number



A code number is recorded on the number tag that came with the keys to your Hyundai. This key number tag should not be left with the keys but kept in a safe place, not in the vehicle. The key number should also be recorded in a place where it can be found in an emergency.
If you need additional keys, or if you should lose your keys, your authorized Hyundai dealer can make new keys if you can supply the key number.

DOOR LOCKS

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WARNING:

- **Unlocked doors can be dangerous. Before you drive away (especially if there are children in the car), be sure that all the doors are securely closed and locked so that the doors cannot be opened from the inside. This helps ensure that the doors will not be opened accidentally. Also, when combined with the proper use of seat belts, locking the doors helps keep occupants from being ejected from the car in case of an accident.**
- **Before opening the door, always look for and avoid oncoming traffic.**

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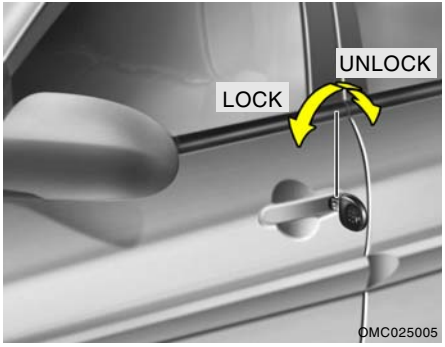
Locking and Unlocking Front Doors with a Key



- The door can be locked or unlocked with a key.
- Lock the door by turning the key toward the front of the vehicle and unlock it by turning the key toward the rear.

NOTE:

The driver's door can be unlocked by turning the key once toward the rear. If you wish to unlock all doors, turn the key again toward the rear within 4 seconds (With the central door locking system).

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Locking from Outside

The doors can be locked without a key. To lock the doors, first push the inside lock switch to the "LOCK" position so that the red mark on the switch is not visible, then close the door.

NOTE:

- **When pushing the lock switch of the passenger's door to the "LOCK" position, all doors can be locked.**
- **If your vehicle is equipped with the central door locking system, the door will not lock if the key is left in the ignition switch when the front doors are closed.**
- **When locking the door from outside, be careful not to lock the door with the ignition key left in the vehicle.**
- **To protect against theft, always remove the ignition key, close all windows, and lock all doors and the trunk lid (4 Door) / tail gate (3 Door) when leaving your vehicle unattended.**

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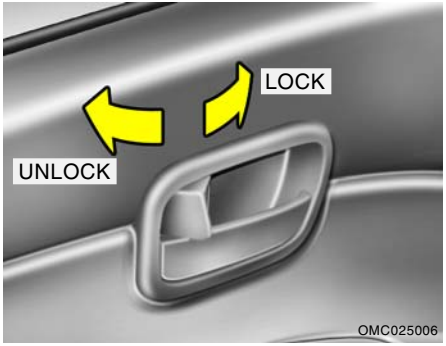
Locking from the Inside



To lock the doors from the inside, simply close the door and push the lock switch to the "LOCK" position.

NOTE:

- **When pushing the lock switch of the passenger's door to the "LOCK" position, all doors can be locked.**
- **When the door is locked, the red mark on the switch is not visible.**
- **The driver's door can be opened by pulling the inside door handle even if the inside lock switch is pushed to the "LOCK" position.**

WARNING:
Be careful not to pull the inside door handle while driving. If you pull the inside door handle, the door can be opened and you may be ejected from the vehicle and can be injured or killed.

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CHILD-PROTECTOR REAR DOOR LOCK (4 Door)

Your Hyundai is equipped with left and right side "child-protector" rear door locks.

When the lock mechanism is engaged, the rear door cannot be opened from the inside. Its use is recommended whenever there are small children in the rear seat.

To engage the child-protector feature so that the door cannot be opened from the inside, move the child-protector lever to the "🔒" position and close the door. Move the lever to the "🔓" position when normal door operation is desired.

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

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Central Door Locks (If Installed)

The central door locking switch is located on the driver's armrest. It is operated by depressing the door lock switch. If any door is open when the switch is depressed to the "LOCK" position, the door will remain locked when closed.

NOTE:

- **When depressing the front portion of the door lock switch, all vehicle doors will lock.**
- **When depressing the rear portion of the switch, all vehicle doors will unlock.**
- **The driver's door can be opened by pulling the inside door handle even if the front portion of the central door locking switch has been depressed to lock the doors.**
- **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.**
- **The central door locking is operated by turning the key in the driver's door lock toward the front or rear of the vehicle.**

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WARNING:
Be careful not to pull the inside door handle while driving. If you pull the inside door handle, the door can be opened and you may be ejected from the vehicle and can be injured or killed.

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KEYLESS ENTRY SYSTEM (If Installed)

NOTE:
This device complies with Part 15 of the FCC rules. 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 equipement

Locking doors

1. Close all doors.
2. Push the "LOCK" button on the transmitter.
3. At the same time all doors lock, the turn signal light will blink once to indicate that the system is armed.

Unlocking doors

1. Push the "UNLOCK" button on the transmitter.
2. At the same time the driver's door unlocks, the turn signal light will blink twice to indicate that the system is disarmed.

NOTE:
If you wish to unlock all the doors, press the "UNLOCK" button on the transmitter again within 4 seconds.

NOTE:
The transmitter will not work if any of following occur:
- **The ignition key is in ignition switch.**
- **You exceed the operating distance limit (10 m).**
- **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 station 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.

NOTE:
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 vehicle warranty.

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(If Installed)

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

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Armed Stage

Park the car and stop the engine. Arm the system as described in the following paragraph.

1) Remove the ignition key from the ignition switch.
2) Make sure that all doors, tail gate (3 Door) and engine hood are closed and latched.
3) Lock the doors using the transmitter of the keyless entry system.

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

The system can be armed by locking the doors with the key from the front doors or tail gate (3 Door). However, the hazard warning lights are not operated.

NOTE:
If any door, tail gate (3 Door) or engine hood remains open, the system will not be armed. If this happens, rearm the system as described above.

CAUTION:
- **Do not arm the system until all passengers have left the car. If the system is armed while a passenger(s) remains in the car, the alarm may be activated when the remaining passenger(s) leaves the car.**
- **If the "LOCK" button is pressed once more within 4 seconds after pushing the "LOCK" button on the transmitter, the alarming horn will sound once to indicate that the system is armed.**

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Alarm Stage

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

1) Any door, tail gate (3 Door) included, is opened without using the transmitter or the ignition key.
2) The engine hood is opened.

The alarming horn will sound and the turn signal lights will blink continuously for 27 seconds (This happens 3 times). To turn off the system, unlock the door with the transmitter or the ignition key.

CAUTION:
Avoid trying to start the engine while the system is armed.

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Disarmed Stage

The system will be disarmed when the following step is taken:

The doors are unlocked by depressing the "UNLOCK" button on the transmitter or unlocked with the ignition key.

After depressing unlock button, the hazard warning lights will blink twice to indicate that the system is disarmed.

If any door, tail gate (3 Door) included, is not opened within 30 seconds, the system will be rearmed.

NOTE:
When the system is disarmed with the interior light switched to "DOOR", the interior light will illuminate for 30 seconds.

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Panic Warning

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1. Push the "PANIC" button on the transmitter.
2. At the same time, the alarming horn will sound and the turn signal lights will blink continuously for 30 seconds.
3. To turn off the system, push any button on the transmitter or lock/unlock the doors by turning the key.

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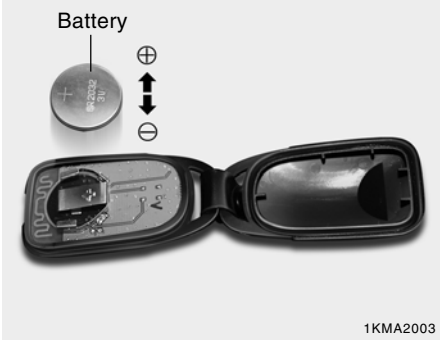
Replacing the battery

When the transmitter's battery begins to get weak, it may take several pushes on the button to lock or unlock the doors, and the LED will not light. Replace the battery as soon as possible.

Battery type : CR2032

Replacement instructions:

1. Carefully separate the case with a blade screwdriver.



2. Remove the old battery from the case and note the polarity. Make sure the polarity of the new battery is the same(+side facing up), then insert it in the transmitter.

WINDOW GLASS

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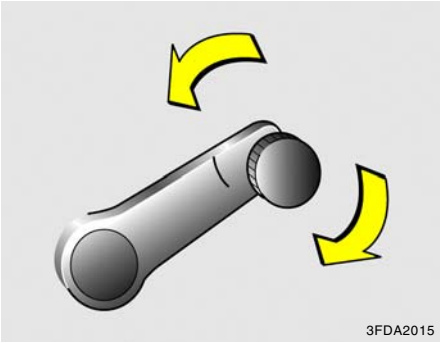

To raise or lower the window, turn the window regulator handle clockwise or counterclockwise.

WARNING:
When opening or closing the windows, make sure your passenger's arms, hands and body are safely out of the way.

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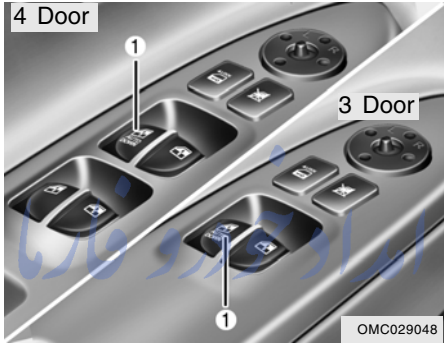
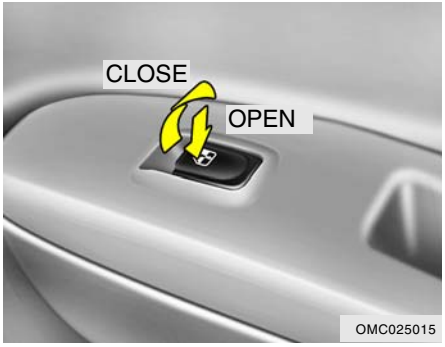
POWER WINDOWS (If Installed)



The power windows operate when the ignition key is in the "ON" position. The main switches are located on the driver's armrest and control the front (4/3 Door) and rear windows (4 Door) on both sides of the vehicle. The windows may be opened by depressing the appropriate window switch and closed by pulling up the switch. To open the window on the driver's side, press the switch (1) halfway down. The window moves as long as the switch is operated. To fully open the driver's window automatically, press the switch fully down.
In automatic operation, the window will fully open even if you let go of the switch. To stop at the desired opening, pull up and release the switch.

In order to prevent operation of the passenger front (4/3 Door) and rear windows (4 Door), a window lock switch (2) is provided on the armrest of the driver's door. To disable the power windows, press the window lock switch. To revert to normal operation, press the window lock switch a second time.

NOTE:
The power windows can be operated for 30 seconds after the ignition key is turned to the "ACC" or "LOCK" positions, or removed from the ignition switch. If the front doors are opened during this 30 second period, the power windows can no longer be operated without the ignition key turned to the "ON" position.



WARNING:

- **Passengers can be injured if their head, hands or other body parts are trapped by a closing window. Always check for obstructions before raising any window.**
- **NEVER leave the ignition 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.**

WARNING:

- **Do not attempt to operate the main switch on the driver's door and a switch on another door in opposing directions at the same time. If this is done, the window will stop and cannot be opened or closed.**

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SEATS

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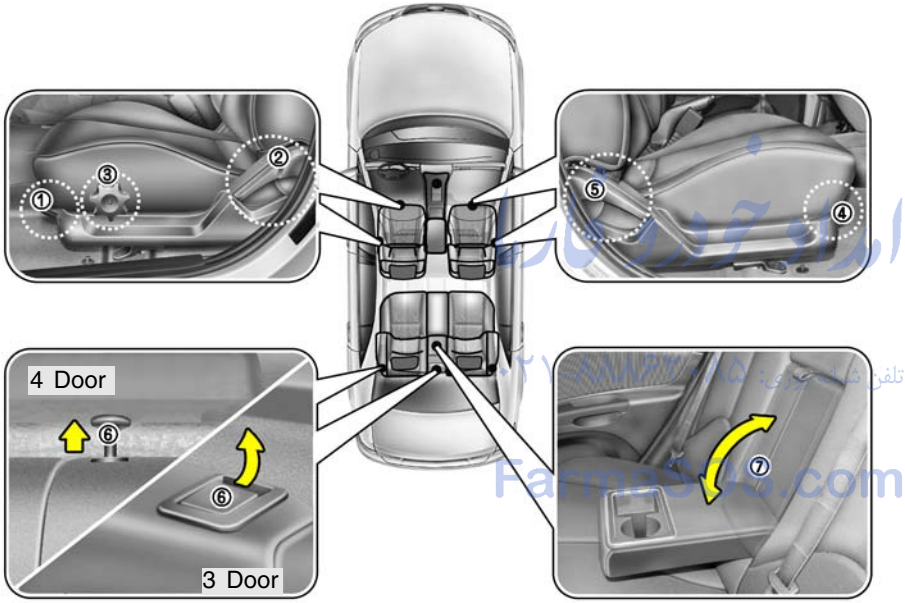

OMC029025B

Driver's seat

1. Seat forward/rearward lock release lever
2. Seatback recliner control lever
3. Seat cushion height control lever

Front passenger's seat

4. Seat forward/rearward lock release lever
5. Seatback recliner control lever

Rear seats

6. Seatback folding lever (If Installed)
7. Armrest (If Installed)

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B080A01FC-AAT

ADJUSTABLE SEATS

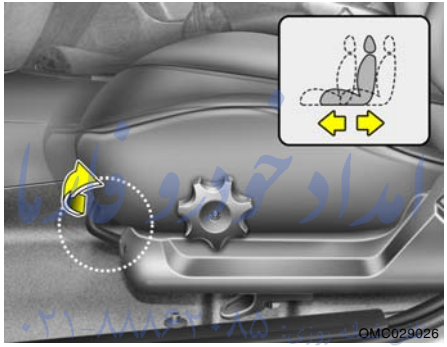
WARNING:

- **Never adjust the driver's seat while the vehicle is moving. Any sudden or unexpected movement of the seat could cause you to lose control of the vehicle resulting in an accident. Only adjust the driver's seat when the vehicle is stationary.**
- **Do not sit or lean unnecessarily close to the airbag. Position the seat so that you can sit as far back as possible from the airbag and still comfortably reach all controls.**

B080B03A-AAT

FRONT SEATS

Adjusting Seat Forward and Rearward



To move the seat toward the front or rear, pull the lock release lever upward. This will release the seat on its track so you can move it forward or rearward to the desired position.

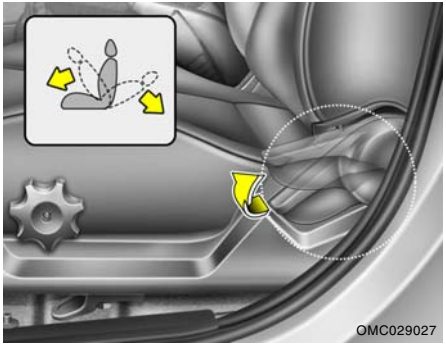
When you find the position you want, release the lever and slide the seat forward or rearward on its track until it locks into the desired position and cannot be moved further.

WARNING:

After adjusting the seat, always check that it is securely locked into place by attempting to move the seat forward or rearward without using the lock release lever. Sudden or unexpected movement of the driver's seat could cause you to lose control of the vehicle resulting in an accident.

B080C02A-AAT

Adjusting Seatback Angle



To recline the seatback, lean forward to take your weight off it, then pull up on the recliner control lever at the outside edge of the seat. Now lean back until the desired seatback angle is achieved. To lock the seatback into position, release the recliner control lever.

WARNING:
Riding with a reclined seatback increases your chance of serious or fatal injuries in the event of a collision or sudden stop. The protection of your restraint system (seat belts and airbags) is greatly reduced by reclining your seat. Seat belts must be snug against your hips and chest to work properly. The more the seatback is reclined, the greater the chance that an occupant's hips will slide under the lap belt or the occupant's neck will strike the shoulder belt. Drivers and passengers should always sit well back in their seats, properly belted, and with the seatbacks upright.

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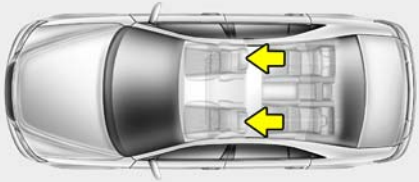
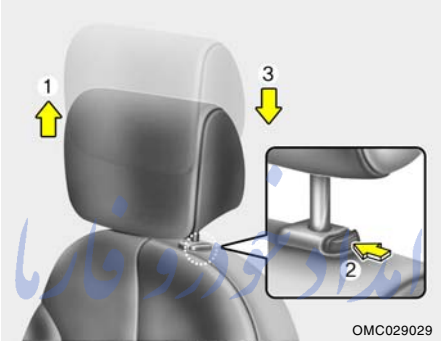
Headrest



The driver's and front passenger's seats are equipped with a headrest for the occupant's safety and comfort.
The headrest not only provides comfort for the driver and front passenger, but also helps to protect the head and neck in the event of a collision.

WARNING:
- **For maximum effectiveness in case of an accident, the headrest should be adjusted so the middle of the headrest is at the same height of the center of gravity of an occupant's head. Generally, the center of gravity of most people's head is similar with the height of the top of their eyes. Also, adjust the headrest as close to your head as possible.**
- **Do not operate the vehicle with the headrests removed as severe injury to the occupants may occur in the event of an accident. Headrests may provide protection against neck injuries when properly adjusted.**
- **Do not adjust the headrest position of the driver's seat while the vehicle is in motion.**

Adjusting the height up and down



To raise the headrest, pull it up to the desired position (1). To lower the headrest, push and hold the release button (2) on the headrest support and lower the headrest to the desired position (3).

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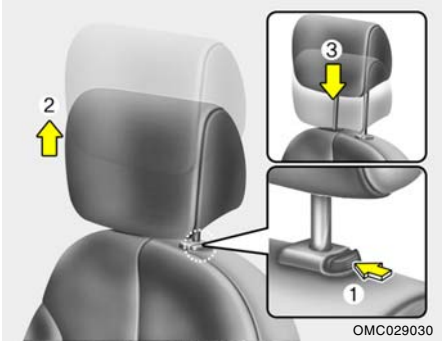
Removal

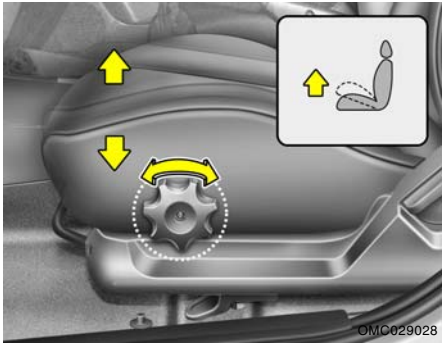


To remove the headrest, raise it as far as it can go then press the release button (1) while pulling upward (2).
To reinstall the headrest, put the headrest poles (3) into the holes while pressing the release button (1). Then adjust it to the appropriate height.

WARNING:
Make sure the headrest locks in position after adjusting it to properly protects the occupants.

B080F01MC-AAT

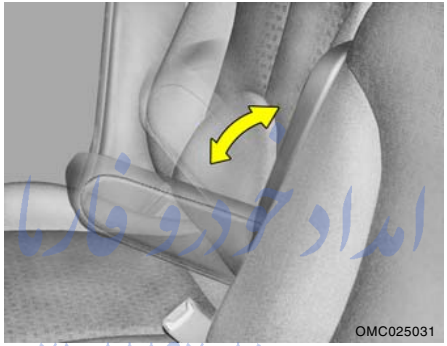
Seat Cushion Height Adjustment (Driver's Seat only)



To raise or lower the front part of the seat cushion, turn the front knob forward or rearward.

B080G01A-GAT

Adjusting Armrest Angle (Driver's side only)



The armrest will be raised or lowered manually.
To raise the armrest, pull it up.
To lower it, press the armrest down.

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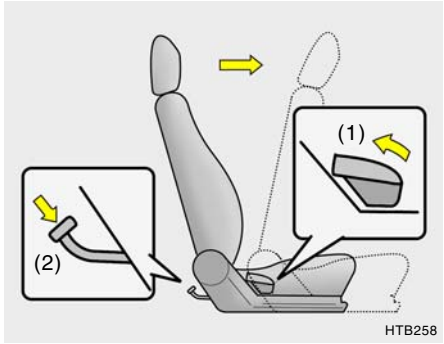
B130A01A-AAT

REAR SEAT ENTRY (3 Door)



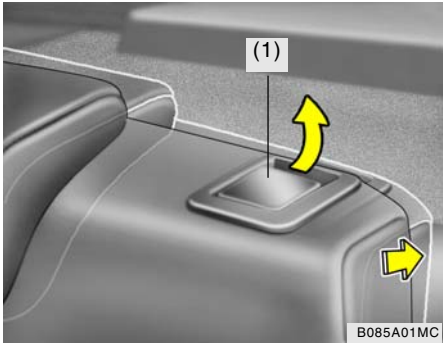
The front passenger's seatback should be tilted to enter the rear seat.
By pulling up on the recliner control lever (1) at the outside of the front passenger's seat, the seatback will tilt forward and the seat will automatically slide forward.
Rear seat occupants can tilt the front passenger's seatback by depressing the foot lever (2) as shown in the illustration.

WARNING:
Passengers sitting in the rear seat should be careful not to accidentally press the foot lever (2) while the vehicle is moving, as this may cause the seatback to move forward and injure a front seat occupant.

B085A01MC-GAT

REAR SEAT

Adjusting seatback angle (3 Door)



To recline the seatback, pull up the seatback folding lever (1) and push the seatback rearward.
To return the seatback to an upright position, pull up the seatback folding lever (1) and pull the seatback forward until the seatback locks into upright position.
After adjusting the seatback angle, always check that it is securely locked into place.

WARNING:
Do not adjust the seatback angle while the vehicle is in motion.

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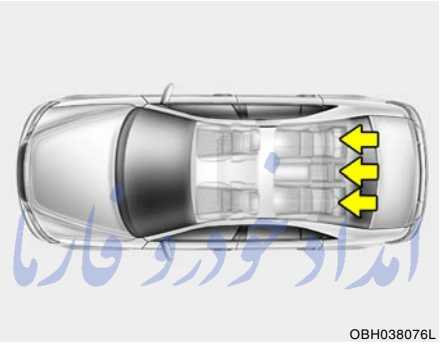
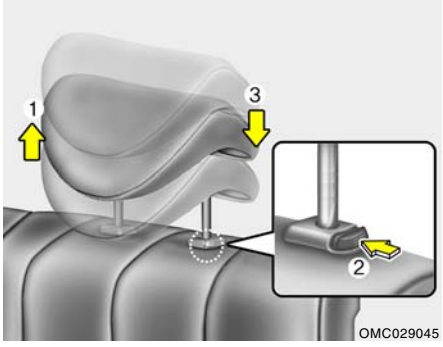
Headrest



The rear seat(s) is equipped with headrests in all the seating positions for the occupant's safety and comfort.
The headrest not only provides comfort for passengers, but also helps to protect the head and neck in the event of a collision.

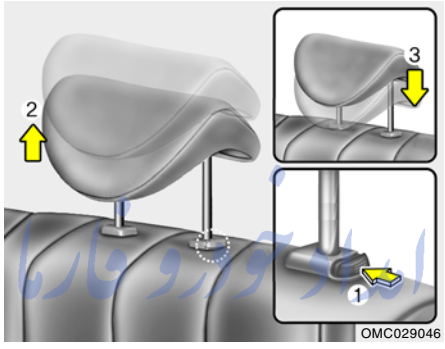
WARNING:
- **For maximum effectiveness in case of an accident, the headrest should be adjusted so the middle of the headrest is at the same height of the center of gravity of an occupant's head. Generally, the center of gravity of most people's head is similar with the height of the top of their eyes. Also, adjust the headrest as close to your head as possible. The use of a cushion that holds the body away from the seatback is not recommended.**
- **Do not operate the vehicle with the headrests removed as severe injury to an occupant may occur in the event of an accident. Headrests may provide protection against severe neck injuries when properly adjusted.**

Adjusting the height up and down (If Installed)



To raise the headrest, pull it up to the desired position (1). To lower the headrest, push and hold the release button (2) on the headrest support and lower the headrest to the desired position (3).

Removal (If Installed)



To remove the headrest, raise it as far as it can go then press the release button (1) while pulling upward (2).
To reinstall the headrest, put the headrest poles (3) into the holes while pressing the release button (1). Then adjust it to the appropriate height.

WARNING:
Make sure the headrest locks in position after adjusting it to properly protect the occupants.

B110A02MC-AAT

Folding Rear Seatbacks

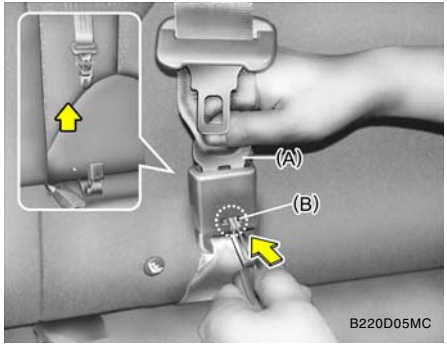
The rear seatbacks may be folded to facilitate carrying long items or to increase the luggage capacity of the vehicle.

WARNING:
The purpose of the fold-down rear seatbacks is to allow you to carry longer objects than could otherwise be accommodated.
Never allow passengers to sit on top of the folded down seatback or cargo area while the car is moving as this is not a proper seating position and no seat belts are available for use. This could result in serious injury or death in case of an accident or sudden stop. Objects carried on the folded down seatback should not extend higher than the top of the front seats. This could allow cargo to slide forward and cause injury or damage during sudden stops.

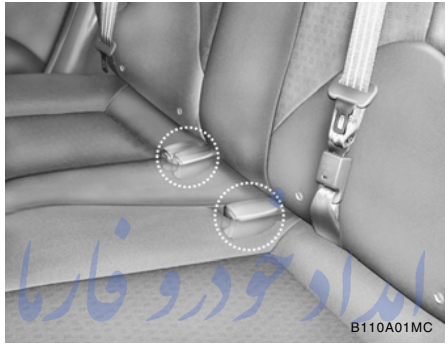
To fold down the seatback :

1. Slide the front seats forward and adjust the front seatbacks to be upright before folding the rear seatbacks down.
2. Lower the rear seat headrests to the lowest position.

CAUTION:



o In order to prevent the center shoulder belt from being damaged while folding the rear seat, disconnect the metal tab (A) from the buckle (B). To disconnect the metal tab (A) from the buckle (B) , insert a narrow-ended tool into the groove located on the buckle (B).



o Before folding the seatback, insert the buckle in the pocket. This can prevent the buckle from being damaged by the seatback.

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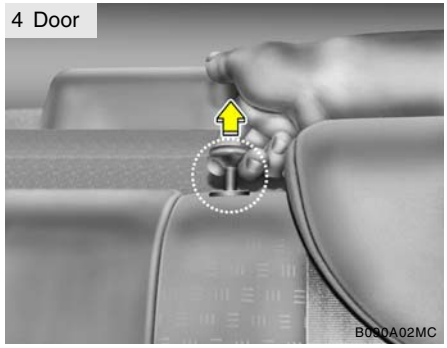
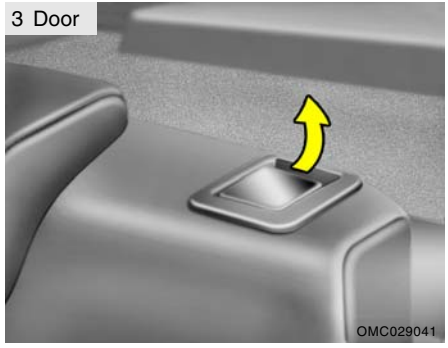
4 Door



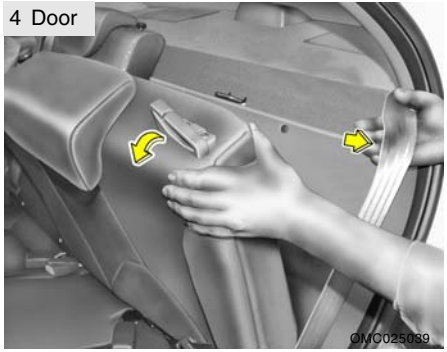
3 Door



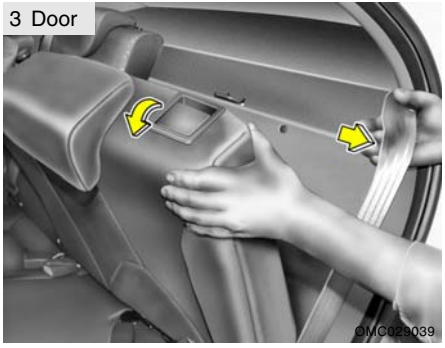
3. Pull up the seatback folding lever to release the seatback.

CAUTION:

4 Door

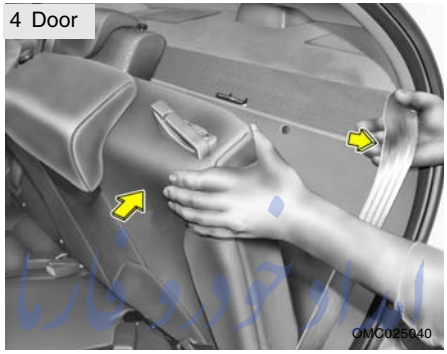


3 Door

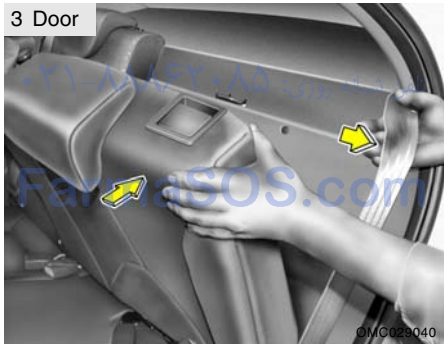


- **Move the rear lap/shoulder belt to the outside so that they don't interfere with the seatback when folding.**

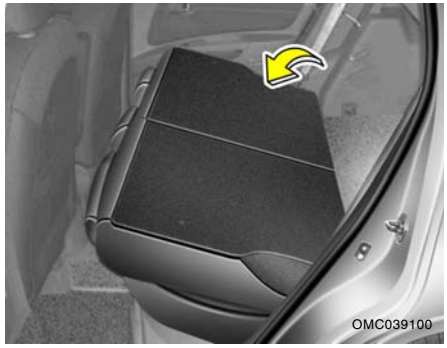
4 Door



3 Door



- **Move the rear lap/shoulder belt to the side so that it is clear of the seatback when returning to its upright position.**
- **Place the rear seat belt to the proper position.**



4. Fold down the seatback forward.

When you return the seatback to its upright position, always be sure it has locked into position by pushing on the top of the seatback.

WARNING:
When you return the rear seatback to its upright position after being folded down: Be careful not to damage the seat belt webbing or buckle. Do not allow the seat belt webbing or buckle to get caught or pinched in the rear seat. Ensure that the seatback is completely locked into its upright position by pushing on the top of the seatback. Otherwise, in an accident or sudden stop, the seat could fold down and allow cargo to enter the passenger compartment, which could result in serious injury or death.

B140A01S-AAT

REAR SEAT WARNING

B140A01MC

For the safety of all passengers, luggage or other cargo should not be piled higher than the top of the seatback. In addition, do not place objects on the rear shelf as they may move forward during braking or in an accident and strike vehicle passengers.

B150A02S-AAT

SEAT BELT PRECAUTIONS

WARNING:
All occupants of the vehicle must wear their seat belts at all times. Seat belts and child restraints reduce the risk of serious or fatal injuries for all occupants in the event of a collision or sudden stop. Without a seat belt, occupants could be shifted too close to a deploying airbag, strike the interior structure or be thrown from the vehicle. Properly worn seat belts greatly reduce these hazards. Even with advanced airbags, unbelted occupants can be severely injured by a deploying airbag. Always follow the precautions about seat belts, airbags and occupant safety contained in this manual.

B150B03A-AAT

Infant or Small Child

All 50 states have child restraint laws. You should be aware of the specific requirements in your state. Child and/or infant safety seats must be properly placed and installed in the **rear seat**. Information about the use of these restraints begins on page 1-31.

WARNING:
Every person in your vehicle needs to be properly restrained at all times, including infants and children. Never hold a child in your arms or lap when riding in a vehicle. The violent forces created during a crash will tear the child from your arms and throw the child against the interior. Always use a child restraint appropriate for your child's height and weight, see page 1-31.

NOTE:
Small children are best protected from injury in an accident when properly restrained in the rear seat by a child restraint system that meets the requirements of the Federal Motor Vehicle Safety Standards. Before buying any child restraint system, make sure that it has a label certifying that it meets Federal Motor Vehicle Safety Standard 213. The restraint must be appropriate for your child's height and weight. Check the label on the child restraint for this information. See page 1-31.

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B150C02A-AAT

Larger Children

Children who are too large for child restraint systems should always occupy the **rear seat** and use the available lap/shoulder belts. The lap portion should be fastened snug on the hips and as low as possible. Check belt fit periodically. A child's squirming could put the belt out of position. Children are afforded the most safety in the event of an accident when they are restrained by a proper restraint system in the rear seat. If a larger child (over age 13) must be seated in the front seat, the child should be securely restrained by the available lap/shoulder belt and the seat should be placed in the rearmost position. Children under the age of 13 should be restrained securely in the **rear seat**. NEVER place a child under the age of 13 in the front seat. NEVER place a rear facing child seat in the front seat of a vehicle.

B150D01A-AAT

Pregnant Women

The use of a seat belt is recommended for pregnant women to lessen the chance of injury in an accident. When a seat belt is used, the lap belt portion should be placed as low and snugly as possible on the hips, not across the abdomen. For specific recommendations, consult a physician.

B150E01A-AAT

Injured Person

A seat belt should be used when an injured person is being transported. When this is necessary, you should consult a physician for recommendations.

B150F01A-AAT

One Person Per Belt

Two people (including children) should never attempt to use a single seat belt. This could increase the severity of injuries in case of an accident.

B150G02A-AAT

Do Not Lie Down

To reduce the chance of injuries in the event of an accident and to achieve maximum effectiveness of the restraint system, all passengers should be sitting up and the front seats should be in an upright position when the car is moving. A seat belt cannot provide proper protection if the person is lying down in the rear seat or if the front seat is in a reclined position.

WARNING:
Riding with a reclined seatback increases your chance of serious or fatal injuries in the event of a collision or sudden stop. The protection of your restraint system (seat belts and airbags) is greatly reduced by reclining your seat. Seat belts must be snug against your hips and chest to work properly. The more the seatback is reclined, the greater the chance that an occupant's hips will slide under the lap belt causing serious internal injuries or the occupant's neck could strike the shoulder belt. Drivers and passengers should always sit well back in their seats, properly belted (see page 1-26), and with the seatbacks upright.

B160A02A-AAT

CARE OF SEAT BELTS

Seat belt systems should never be disassembled or modified. In addition, care should be taken to assure that seat belts and belt hardware are not damaged by seat hinges, doors or other abuse.

WARNING:
When you return the rear seatback to its upright position after the rear seatback was folded down, be careful not to damage the seat belt webbing or buckle. Be sure that the webbing or buckle does not get caught or pinched in the rear seat. A seat belt with damaged webbing or buckle will not be as strong and could possibly fail during a collision or sudden stop, resulting in serious injury.

B160B01A-AAT

Periodic Inspection

It is recommended that all seat belts be inspected periodically for wear or damage of any kind. Parts of the system that are damaged should be replaced as soon as possible.

B160C01A-AAT

Keep Belts Clean and Dry

Seat belts should be kept clean and dry. If belts become dirty, they can be cleaned by using a mild soap solution and warm water. Bleach, dye, strong detergents or abrasives should not be used because they may damage and weaken the fabric.

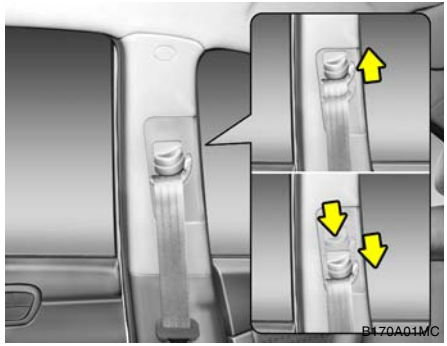
B160D01A-AAT

When to Replace Seat Belts

Entire in-use seat belt assemblies should be replaced if the vehicle has been involved in an accident. This should be done even if no damage is visible. Additional questions concerning seat belt operation should be directed to your Hyundai Dealer.

B170A02MC-AAT

HEIGHT ADJUSTABLE FRONT SEAT SHOULDER BELT

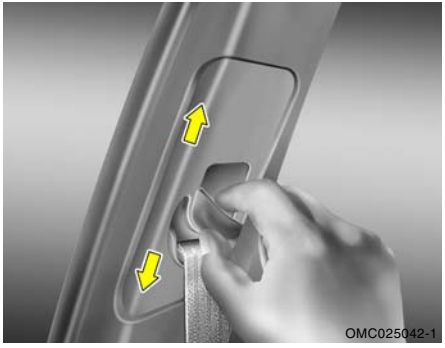


You can adjust the height of the shoulder belt anchor to one of the 4 positions for maximum comfort and safety.
If the height of the adjusting seat belt is too near your neck, you will not be getting the most effective protection. The shoulder portion should be adjusted so that it lies across your chest and midway over your shoulder nearest the door and not your neck. To adjust the height of the seat belt anchor, lower or raise the height adjuster into an appropriate position. To raise the height adjuster, pull it up.

To lower it, push it down while pressing the height adjuster button. Release the button to lock the anchor into position. Try sliding the height adjuster to make sure that it has locked into the position.

CAUTION:

- **Adjust the shoulder belt height when you sit well back in the seat.**



- **When adjusting the shoulder belt height, grip the height adjuster button securely and slide the height adjuster up or down.**
- **If the shoulder belt anchor is not moved, grasp the shoulder part of the belt and pull forward to the full.**

WARNING:

- **Verify the shoulder belt anchor is locked into position at the appropriate height. Never position the shoulder belt across your neck or face. Improperly positioned seat belts can cause serious injuries in an accident.**
- **Failure to replace seat belts after an accident could leave you with damaged seat belts that will not provide protection in the event of another collision leading to personal injury or death. Replace your seat belts after being in an accident as soon as possible.**

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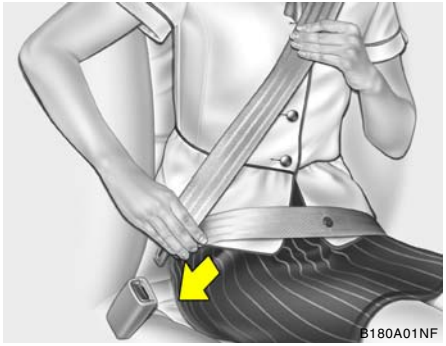
B180A01MC-AAT

SEAT BELT-Driver's 3-Point System with Emergency Locking Retractor To Fasten Your Belt



To fasten your seat belt, pull it out of the retractor and insert the metal tab into the buckle. There will be an audible "click" when the tab locks into the buckle.
The seat belt automatically adjusts to the proper length only after the lap belt is adjusted manually so that it fits snugly around your hips. If you lean forward in a slow, easy motion, the belt will extend and let you move around. If there is a sudden stop or impact, however, the belt will lock into position. It will also lock if you try to lean forward too quickly.

NOTE:
If the seat belt is not fastened when the ignition key is turned from the "OFF" position to the "ON" position, the seat belt warning will activate to remind the driver to fasten the seat belt as follows.

B265E01MC-AAT

Seat Belt Warning Light and Chime

The driver's seat belt warning light and chime will activate to the following table when the ignition switch is in "ON" position.

Conditions		Warning Pattern	
Seat Belt	Vehicle Speed	Light-Blink	Chime-Sound
Unbuckled		6 seconds	
Buckled		6 seconds	None
Buckled → Unbuckled		6 seconds	
Unbuckled	Above 6mph (10 km/h) ↓ Below 3mph (5 km/h)	6 seconds *1) ↓ Stop *2)	

*1) Warning pattern repeats 11 times with an interval of 24 seconds. If the driver's seat belt is buckled, the light will stop within 6 seconds and chime will stop immediately.

*2) The light will stop within 6 seconds and chime will stop immediately.

B190A03A-AAT

SEAT BELTS-Front Passenger and Rear Seat 3-Point System with Combination Locking Retractor : To Fasten Your Belt

Combination retractor type seat belts are installed in the rear seat outboard and center positions to help accommodate the installation of child restraint systems. Hyundai strongly recommends that children always be seated in the **rear seat**. NEVER place any infant restraint system in the front seat of the vehicle.

This type of seat belt combines the features of both an emergency locking retractor seat belt and an automatic locking retractor seat belt. To fasten your seat belt, pull it out of the retractor and insert the metal tab into the buckle. There will be an audible "click" when the tab locks into the buckle. When not securing a child restraint, the seat belt operates in the same way as the driver's seat belt (Emergency Locking Retractor Type). It automatically adjusts to the proper length only after the lap belt portion of the seat belt is adjusted manually so that it fits snugly around your hips.

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When the seat belt is fully extended from the retractor to allow the installation of a child restraint system, the seat belt operation changes to allow the belt to retract, but not to extend (Automatic Locking Retractor Type). See page 1-38.

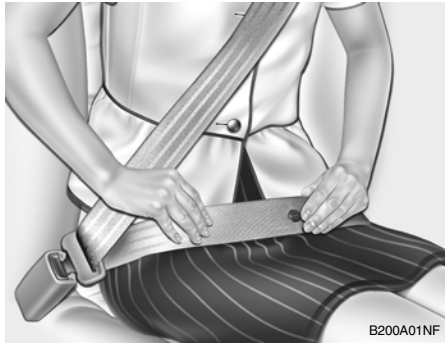
NOTE:
Although the combination retractor provides the same level of protection for seated passengers in either emergency or automatic locking modes, it is recommended that seated passengers use the emergency locking feature for improved convenience. The automatic locking function is intended to facilitate child restraint installation. To convert from the automatic locking feature to the emergency locking operation mode, allow the unbuckled seat belt to fully retract.

WARNING:
- **For maximum restraint system protection, seat belts must always be used whenever the car is moving.**
- **Seat belts are most effective when seatbacks are in the upright position.**

WARNING:
- **Children age 12 and younger must always be properly restrained in the rear seat. Never allow children to ride in the front passenger seat. If a child over 13 must be seated in the front seat, he/she must be properly belted and the seat should be moved as far back as possible.**
- **Never wear the shoulder belt under your arm or behind your back. An improperly positioned shoulder belt can cause serious injuries in a crash. The shoulder belt should be positioned midway over your shoulder across your collarbone.**
- **Avoid wearing twisted seat belts. A twisted belt can't do its job as well. In a collision, it could even cut into you. Be sure the belt webbing is straight and not twisted.**
- **Be careful not to damage the belt webbing or hardware. If the belt webbing or hardware is damaged, replace it.**

B200A01A-AAT

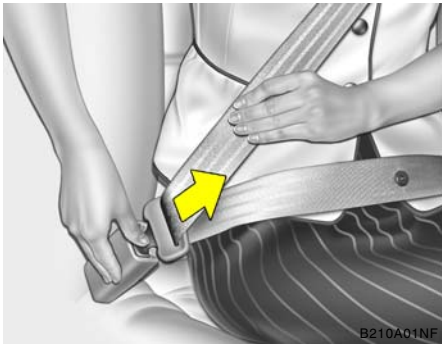
Adjusting Your Seat Belt



WARNING:
You should place the lap belt portion as low as possible and snugly across your hips, not on your waist. If the lap belt is located too high on your waist, it may increase the chance of injury in the event of a collision. Both arms should not be under or over the belt. Rather, one should be over and the other under, as shown in the illustration.
Never wear the seat belt under the arm nearest the door.

B210A01A-AAT

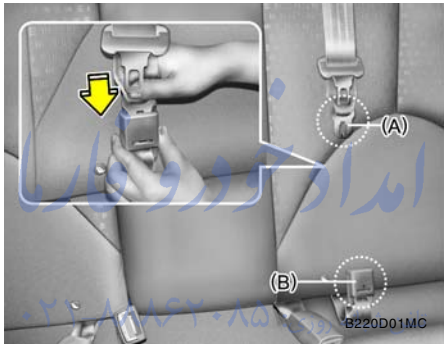
To Release the Seat Belt



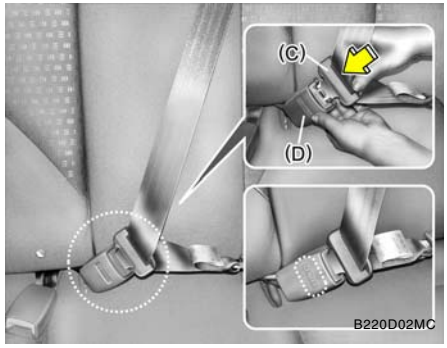
The seat belt is released by pressing the release button in the locking buckle. When it is released, the belt should automatically draw back into the retractor.
If this does not happen, check the belt to be sure it is not twisted, then try again.

B220D02MC-AAT

SEAT BELTS - Rear Seat Center 3-Point System With Emergency Locking Retractor



1. Before fastening the rear seat center belt, confirm the metal tab (A) and buckle (B) are latched together.



2. After confirming that (A) and (B) are latched, pull the seat belt out of the retractor and insert the metal tab (C) into the buckle (D).

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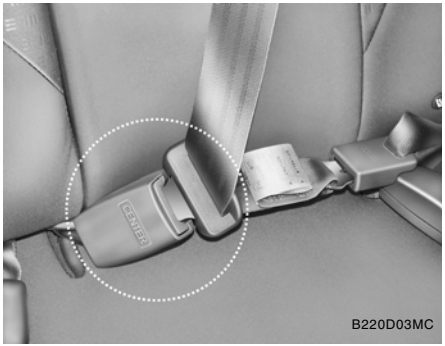
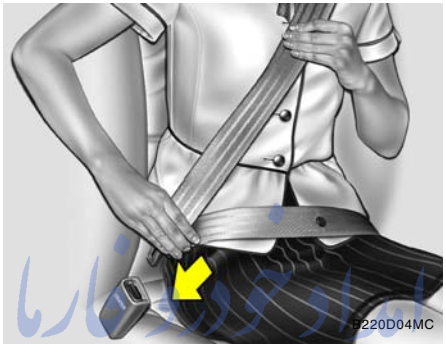


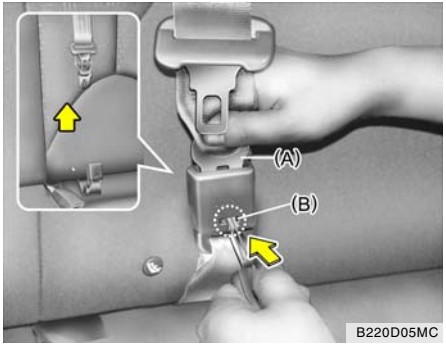
NOTE:
Confirm the metal tab and the buckle marked "CENTER" are latched together.



There will be an audible "click" when the tab locks in the buckle. The seat belt automatically adjusts to the proper length only after the lap belt is adjusted manually so that it fits snugly around your hips. If you lean forward in a slow, easy motion, the belt will extend and let you move around. If there is a sudden stop or impact, the belt will lock into position. It will also lock if you try to lean forward too quickly.

WARNING:

- **Never let anyone ride in the rear center seat without fastening all metal tabs and buckles as described in this section. This seat belt is designed to function as a typical 3-point restraint (lap/shoulder belt). Using only the shoulder portion or lap portion of the belt can result in serious or fatal injuries in the event of a collision or sudden stop.**
- **Never unlock the metal tab (A) and the buckle (B) with the following exceptions.**
  (1) In case of folding rear seatbacks down.
  (2) If transporting an object on the rear seat may cause damage to the rear seat center belt.

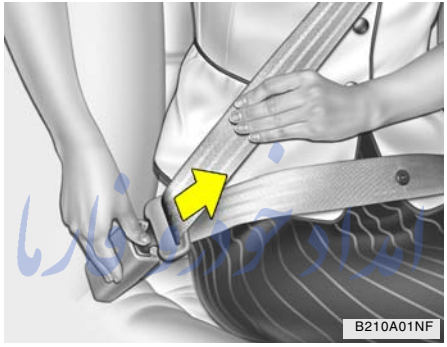


To disconnect the metal tab (A) from the buckle (B), insert a narrow-ended tool into the groove located on the buckle (B).

WARNING:
Always lock metal tab (A) into buckle (B) immediately after returning the rear seatbacks to an upright position. This portion of the rear center seat belt should only be unbuckled when the rear seatback is folded down.

B220C02A-GAT

To Release the Seat Belt



When you want to release the seat belt, press the button in the locking buckle.

WARNING:
When fastening the outboard seat belts or the center seat belt, make sure they are inserted into the correct buckles to obtain maximum protection from the seat belt system and assure proper operation.

B230A05A-AAT

Children riding in the car should sit in the rear seat and must always be properly restrained to minimize the risk of injury in an accident, sudden stop or sudden maneuver. According to accident statistics provided by the National Highway Traffic Safety Administration (NHTSA), children are safer when properly restrained in the rear seats than in the front seat. Larger children not in a child restraint should use one of the seat belts provided.

All 50 states have child restraint laws. You should be aware of the specific requirements in your state. Child and/or infant safety seats must be properly placed and installed in the **rear seat**. You must use a commercially available child restraint system that meets the requirements of the Federal Motor Vehicle Safety Standards (FMVSS).

Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt, or by a LATCH system (If Installed). Children could be injured or killed in a crash if their restraints are not properly secured.

For small children and babies, a child seat or infant seat must be used. Before buying a particular child restraint system, make sure it fits your car seat and seat belts, and fits your child. Follow all the instructions provided by the manufacturer when installing the child restraint system.

WARNING:

- **A child restraint system must be placed in the rear seat. Never install a child or infant seat on the front passenger's seat.**
  Should an accident occur and cause the passenger side airbag to deploy, it could severely injure or kill an infant or child seated in an infant or child seat. Thus, only use a child restraint in the rear seat of your vehicle.
- **Since a safety belt or child restraint system can become very hot if it is left in a closed vehicle, be sure to check the seat cover and buckles before placing a child there.**

WARNING:

- **When the child restraint system is not in use, store it in the trunk or fasten it with a safety belt so that it will not be thrown forward in case of a sudden stop or an accident.**
- **Children may be seriously injured or killed by an inflating airbag. All children, even those too large for child restraints, must ride in the rear seat.**

To reduce the chance or serious or fatal injuries:

- **Children of all ages are safer when restrained in the rear seat. A child riding in the front passenger seat can be forcefully struck by an inflating airbag resulting in serious or fatal injuries.**
- **Always follow the instructions for installation and use of the child restraint maker.**
- **Always make sure the child seat is secured properly in the car and your child is securely restrained in the child seat.**

WARNING:

- **Never hold a child in your arms or lap when riding in a vehicle. The violent forces created during a crash will tear the child from your arms and throw the child against the car's interior.**
- **Never put a seat belt over yourself and a child. During a crash, the belt could press deep into the child causing serious internal injuries.**
- **Never leave children unattended in a vehicle – not even for a short time. The car can heat up very quickly, resulting in serious injuries to children inside. Even very young children may inadvertently cause the vehicle to move, entangle themselves in the windows, or lock themselves or others inside the vehicle.**
- **Never allow two children, or any two persons, to use the same seat belt.**
- **Children often squirm and reposition themselves improperly. Never let a child ride with the shoulder belt under their arm or behind their back. Always properly position and secure children in rear seat.**

WARNING:

- **Never allow a child to stand-up or kneel on the seat or floorboard of a moving vehicle. During a collision or sudden stop, the child can be violently thrown against the vehicle's interior, resulting in serious injury.**
- **Never use an infant carrier or a child safety seat that "hooks" over a seatback, it may not provide adequate security in an accident.**
- **Seat belts can become very hot, especially when the car is parked in direct sunlight. Always check seat belt buckles before fastening them over a child.**
- **Always store or secure a child seat, even when it is not in use. During a collision or sudden stop, the child seat could be thrown inside the vehicle.**

B230B01E-AAT

Using a Child Restraint System with the "Tether Anchorage" System

For small children and babies, the use of a child seat or infant seat is required. This child seat or infant seat should be of appropriate size for the child and should be installed in accordance with the manufacturer's instructions. It is further required that the seat be placed in the vehicle's rear seat since this can make an important contribution to safety. Your vehicle is provided with three child restraint hook holders for installing the child seat or infant seat.

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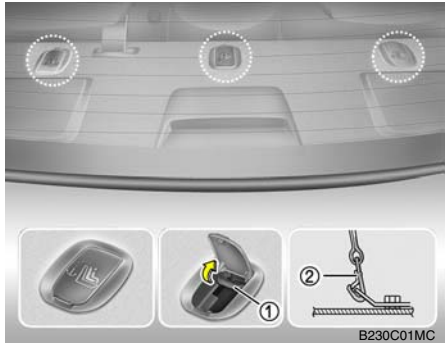
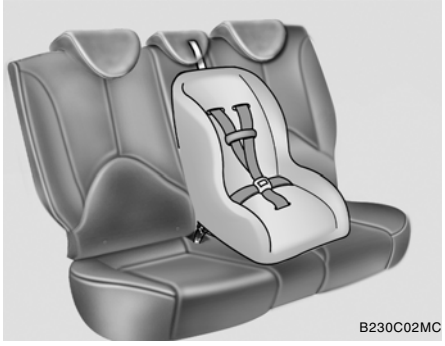
Installing a Child Restraint Seat with the "Tether Anchorage" System (4 Door)

Three child restraint hook holders are located on the rear seat package tray.

To install the child restraint seat



1. Open the tether anchor cover on the rear seat package tray.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2. Route the child restraint seat strap over the seatback.
   For vehicles with adjustable headrests, route the tether strap under the headrest and between the headrest posts, otherwise route the tether strap over the top of the seatback.
3. Connect the tether strap hook (2) to the child restraint hook holder (1) and tighten to secure the seat.

WARNING:

- **A child can be seriously injured or killed in a collision if the child restraint is not properly anchored. Always follow the child seat manufacturer's instructions for installation and use.**
- **Never mount more than one child restraint to a single tether or to a single lower anchorage point. The increased load caused by multiple seats may cause the tethers or anchorage points to break, causing serious injury or death.**

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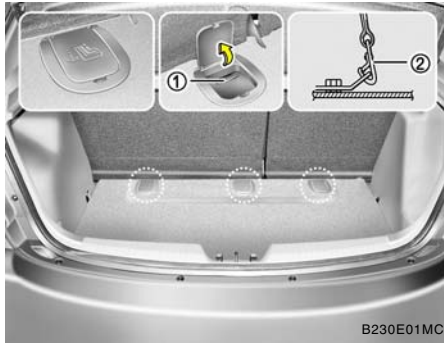
B230E02MC-AAT

Installing a Child Restraint Seat with the "Tether Anchorage" System (3 Door)

Three child restraint hook holders are located on the rear floor panel.

To install the child restraint seat



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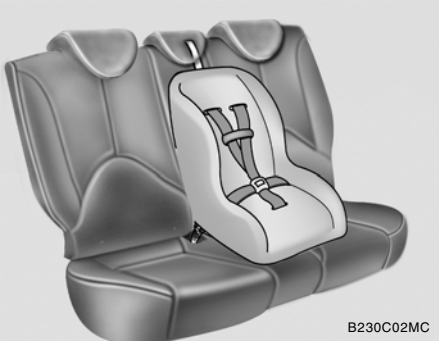
1. Open the tether anchor cover on the rear floor panel.


B230C02MC

2. Route the child restraint seat strap over the seatback.
   For vehicles with adjustable headrests, route the tether strap under the headrest and between the headrest posts, otherwise route the tether strap over the top of the seatback.
3. Connect the tether strap hook (2) to the child restraint hook holder (1) through the hole on the covering shelf and tighten to secure the seat.

WARNING:
- **A child can be seriously injured or killed in a collision if the child restraint is not properly anchored. Always follow the child seat manufacturer's instructions for installation and use.**
- **Never mount more than one child restraint to a single tether or to a single lower anchorage point. The increased load caused by multiple seats may cause the tethers or anchorage points to break, causing serious injury or death.**

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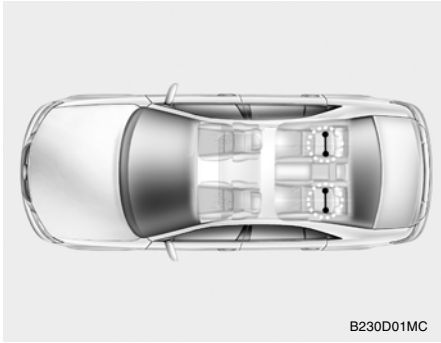
Securing the Child Restraint Seat with the "Child Seat Lower Anchor" system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Some child seat manufacturers make safety seats that are labeled as LATCH or LATCH-compatible child seats. LATCH stands for "Lower Anchors and Tethers for Children". These seats include two rigid or webbing mounted attachments that connect to two LATCH anchors at specific seating positions in your vehicle. This type of child seat eliminates the need to use seat belts to attach the child seat in the rear seats.
LATCH anchors have been provided in your vehicle. The LATCH anchors are located in the left and right outboard rear seating positions.

Their locations are shown in the illustration. There is no LATCH anchor provided for the center rear seating position.

WARNING:

- **A child can be seriously injured or killed in a collision if the child restraint is not properly anchored. Always follow the child seat manufacturer's instructions for installation and use.**
- **Never install a child restraint using the LATCH lower anchors at the center position of the rear seat. In a crash, the LATCH lower anchors may break if a car seat is improperly placed in the center position resulting in serious or fatal injuries. Only place a LATCH or LATCH-compatible child seat in the left or right outboard rear seating positions (as shown) to the appropriate LATCH anchors provided.**
- **Never mount more than one child restraint to a single tether or to a single lower anchorage point. The increased load caused by multiple seats may cause the tethers or anchorage points to break, causing serious injury or death.**

WARNING:

- **When using the vehicle's "LATCH" system to install a child restraint system in the rear seat, all unused vehicle rear seat belt metal latch plates or tabs must be latched securely in their seat belt buckles and the seat belt webbing must be retracted behind the child restraint to prevent the child from reaching and taking hold of unretracted seat belts. Unlatched metal latch plates or tabs may allow the child to reach the unretracted seat belts which may result in strangulation and a serious injury or death to the child in the child restraint.**

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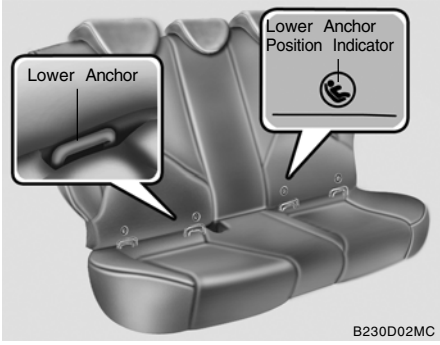
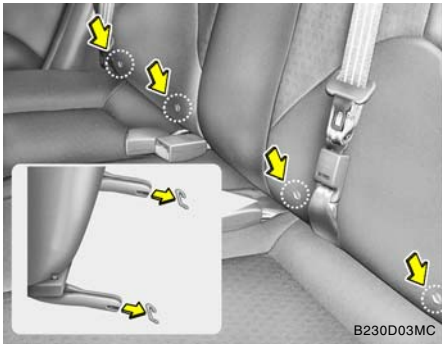


Child restraint symbols are located on the left and right rear seatbacks to indicate the position of the lower anchors for child restraints.



Follow the child seat manufacturer's instructions to properly install child restraint seats with LATCH or LATCH-compatible attachments.

Once you have installed the LATCH child restraint seat, assure that the seat is properly attached to the LATCH and tether anchors. Also, test the safety seat before you place the child in it. Tilt the seat from side to side. Also try to tug the seat forward. Check to see if the anchors hold the seat in place.

CAUTION:
Do not allow the rear seat belt webbing to get scratched or pinched by the child seat latch and LATCH anchor during the installation.

WARNING:
A child can be seriously injured or killed in a collision if the child restraint is not properly anchored to the car and the child is not properly restrained in the child restraint. Always follow the child seat manufacturer's instructions for installation and use.

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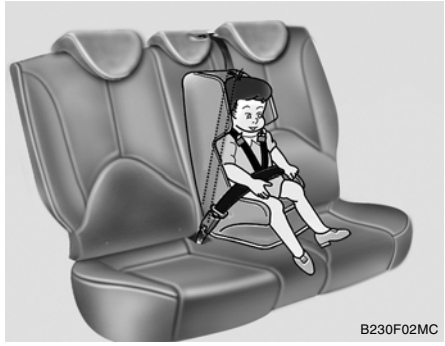
Child Restraint System Installation on Rear Seat Center Position



Use the center seat belt for the rear seat to secure the child restraint system as illustrated. After installation of the child restraint system, rock the child seat back and forth, and side to side to ensure that it is properly secured by the seat belt. If the child seat moves, readjust the length of the seat belt. Then, if equipped, insert the child restraint tether strap hook into the child restraint hook holder and tighten to secure the seat. Always refer to the child restraint system manufacturer's recommendation before installing the child restraint system in your vehicle.

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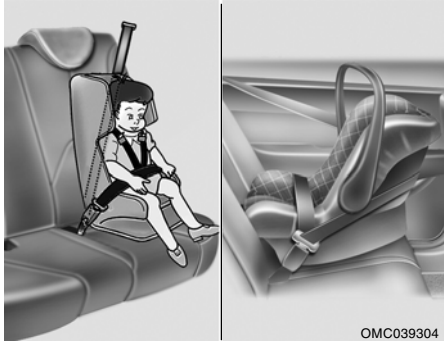
Child Restraint System Installation on Outboard Rear Seats



To install a child restraint system in the outboard rear seats, extend the shoulder/lap belt entirely from its retractor until a "click" is felt. This will engage the seat belt retractor automatic locking feature, which allows the seat belt to retract but not extend. Install the child restraint system, buckle the seat belt and allow the seat belt to take up any slack. Make sure that the lap portion of the belt is tight around the child restraint system and the shoulder portion of the belt is positioned so that it cannot interfere with the child's head or neck. Also, double check to be sure that the retractor has engaged the automatic locking feature by trying to extend webbing out of the retractor.

If the retractor is in the automatic locking mode, the belt will be locked. After installation of the child restraint system, try to move it in all directions to be sure the child restraint system is securely installed. If you need to tighten the belt, pull more webbing toward the retractor. When you unbuckle the seat belt and allow it to retract, the retractor will automatically revert back to its normal seated passenger emergency locking usage condition.

NOTE:

- **Before installing the child restraint system, read the instructions supplied by the child restraint system manufacturer.**
- **If the seat belt does not operate as described, have the system checked immediately by your authorized Hyundai dealer.**

WARNING:

- **If the retractor is not in the Automatic Locking mode, the child restraint can move when your vehicle turns or stops suddenly. A child can be seriously injured or killed if the child restraint is not properly anchored to the car, including setting the retractor to the Automatic Locking mode.**
- **Do not install any child restraint system in the front passenger seat. Should an accident occur and cause the passenger side airbag to deploy, it could severely injure or kill an infant or child seated in an infant or child seat. Therefore, only use a child restraint system in the rear seat of your vehicle.**
- **Before installing a Child Restraint System to vehicles fitted with Curtain Airbags, always refer to safety notices for Curtain Airbag systems in this manual. Whenever installing child restraints, use only approved devices and refer to the "Child Restraint System" section to ensure correct installation and that occupant protection is maximized.**

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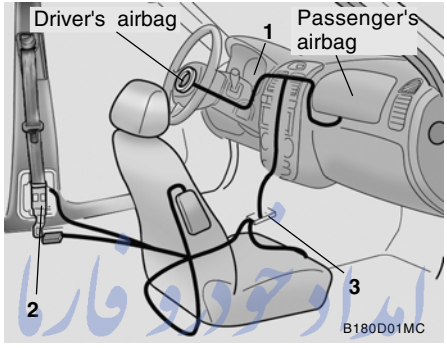
B180C02MC-AAT

Pre-Tensioner Seat Belt

Your Hyundai vehicle is equipped with driver's and front passenger's pre-tensioner seat belts. The purpose of the pre-tensioner is to make sure that the seat belts fit tightly against the occupant's body in certain frontal collisions. The pre-tensioner seat belts can be activated alone or, where the frontal collision is severe enough, together with the airbags.

When the vehicle stops suddenly, or if the occupant tries to lean forward too quickly, the seat belt retractor will lock into position. In certain frontal collisions, the pre-tensioner will activate and pull the seat belt into tighter contact against the occupant's body.



The seat belt pre-tensioner system consists mainly of the following components. Their locations are shown in the illustration.

1. SRS airbag warning light
2. Seat belt pre-tensioner assembly
3. SRS control module

WARNING:
To obtain maximum benefit from a pre-tensioner seat belt:

The seat belt must be work correctly and adjusted to the proper position (see pages 1-25 and 1-26). Please read and follow all of the important information and precautions about your vehicle's occupant safety features – including seat belts and advanced airbags – that are provided in this manual.

NOTE:

- **Both the driver's and front passenger's pre-tensioner seat belts will be activated in certain frontal collisions. The pre-tensioner seat belts can be activated alone or, where the frontal collision is severe enough, together with the airbags. The pre-tensioners will not be activated if the seat belts are not being worn at the time of the collision.**

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- When the pre-tensioner seat belts are activated, a loud noise may be heard and fine dust, which may appear to be smoke, may be visible in the passenger compartment. These are normal operating conditions and are not hazardous.
- Although it is harmless, the fine dust may cause skin irritation and should not be breathed for prolonged periods. Wash your hands and face thoroughly after an accident in which the pre-tensioner seat belts were activated.

CAUTION:
- The sensor that activates the SRS airbag is connected with the pre-tensioner seat belt. The SRS airbag warning light AIR BAG on the instrument panel will illuminate for approximately 6 seconds after the ignition key has been turned to the "ON" position, and then it should turn off.
- If the pre-tensioner seat belt is not working properly, this warning light will illuminate even if there is no malfunction of the SRS airbag.

If the SRS airbag warning light does not illuminate when the ignition key is turned to the "ON" position, remains illuminated after approximately 6 seconds when the ignition key is turned to the "ON" position, or if it illuminates while the vehicle is being driven, have an authorized Hyundai dealer inspect the advanced SRS airbag system as soon as possible.

WARNING:
- Pre-tensioners are designed to operate only one time. After activation, pre-tensioner seat belts must be replaced. All seat belts, of any type, should always be replaced after they have been worn during a collision.
- The pre-tensioner seat belt assembly mechanisms become hot during activation. Do not touch the pre-tensioner seat belt assemblies for several minutes after they have been activated.

WARNING:
- Do not attempt to inspect or replace the pre-tensioner seat belts yourself. This must be done by an authorized Hyundai dealer.
- Do not strike the pre-tensioner seat belt assemblies.
- Do not attempt to service or repair the pre-tensioner seat belt system in any manner.
- Improper handling of the pre-tensioner seat belt assemblies, and failure to heed the warnings to not strike, modify, inspect, replace, service or repair the pre-tensioner seat belt assemblies may lead to improper operation or inadvertent activation and serious injury.
- Always wear the seat belts when driving or riding in a motor vehicle.

ADVANCED SUPPLEMENTAL RESTRAINT (AIRBAG) SYSTEM (SRS)

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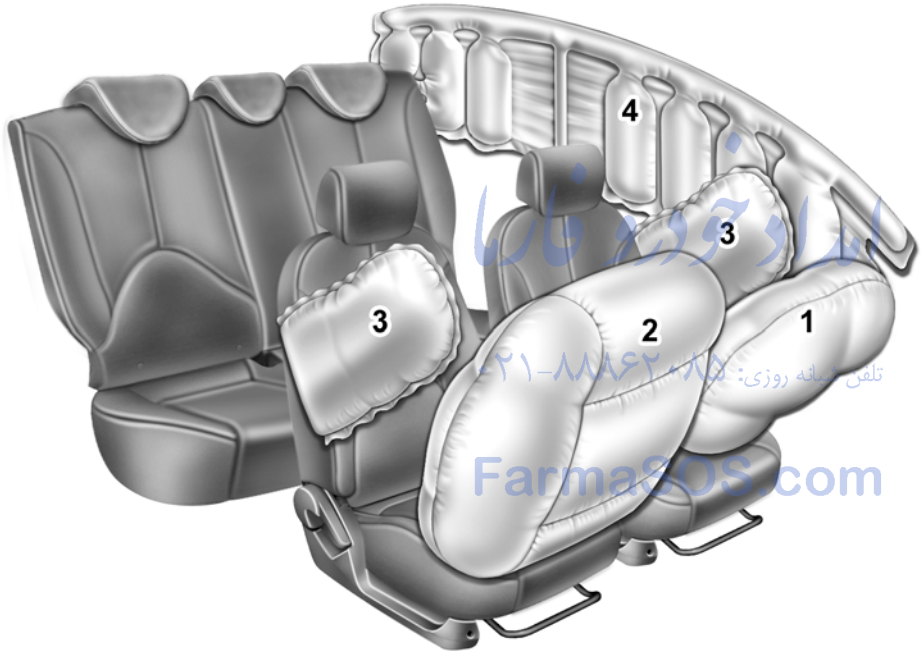
(If Installed)



B240D01MC

1. Driver's front airbag
2. Passenger's front airbag
3. Side impact airbag
4. Curtain airbag

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B240A03NF-AAT

Driver's and Passenger's Front Airbag

Your Hyundai is equipped with an advanced Supplemental Restraint (Airbag) System and lap/shoulder belts at both the driver and passenger seating positions. The indications of the system's presence are the letters "SRS AIRBAG" embossed on the airbag pad cover in the steering wheel and the passenger's side front panel pad above the glove box.

The Hyundai SRS consists of airbags installed under the pad covers in the center of the steering wheel and the passenger's side front panel above the glove box.

The purpose of the SRS is to provide the vehicle's driver and/or the front passenger with additional protection than that offered by the seat belt system alone in case of a frontal impact of sufficient severity. The SRS uses sensors to gather information about the driver's and front passenger's seat position, the driver's and front passenger's seat belt usage and impact severity.

The driver's and front passenger's seat track position sensors, which are installed on the seat track, determine if the seats are fore or aft of a reference position. The seat belt buckle sensors determine if the driver and front passenger's seat belts are fastened. These sensors provide the ability to control the SRS deployment based on how close the driver's seat is to the steering wheel, how close the passenger's seat is to the instrument panel, whether or not the seat belts are fastened, and how severe the impact is.

The advanced SRS offers the ability to control the airbag inflation with two levels. A first stage level is provided for moderate-severity impacts. A second stage level is provided for more severe impacts.

According to the impact severity, seating position and seat belt usage, the SRSCM(SRS Control Module) controls the airbag inflation. Failure to properly wear seat belts can increase the risk or severity of injury in an accident.

Additionally, your Hyundai is equipped with an occupant classification system in the front passenger's seat. The occupant classification system detects the presence of a passenger in the front passenger's seat and will turn off the front passenger's airbag under certain conditions. For more detail, see "Occupant Classification System" later in this section.

WARNING:
If a seat track position sensor or an occupant classification system is not working properly, the SRS airbag warning light AIR BAG on the instrument panel will illuminate because the SRS airbag warning light is connected with the seat track position sensor and the occupant classification system. If the SRS airbag warning light does not illuminate when the ignition key is turned to the "ON" position, remains illuminated after approximately 6 seconds when the ignition key is turned to the "ON" position, or if it illuminates while the vehicle is being driven, have an authorized Hyundai dealer inspect the advanced SRS airbag system as soon as possible.

WARNING:
- Modification to the seat structure can adversely affect the seat track position sensor and cause the airbag to deploy at a different level than should be provided.
- Do not place any objects underneath the front seats as they could damage the seat track position sensor or interfere with the occupant classification system.
- Do not place any objects that may cause magnetic fields near the front seat. These may cause a malfunction of the seat track position sensor.

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NOTE:
- Be sure to read information about the SRS on the labels provided on the topside of the sun visor.
- Advanced airbags are combined with pre-tensioner seat belts to help provide enhanced occupant protection in frontal crashes. Front airbags are not intended to deploy in collisions in which sufficient protection can be provided by the pre-tensioner seat belt.
- If you are considering modification of your vehicle due to a disability, please contact the Hyundai Customer Assistance Center at 1-800-633-5151.

WARNING:

Always use seat belts and child restraints – every trip, every time, everyone! Airbags inflate with considerable force and in the blink of an eye. Seat belts help keep occupants in proper position to obtain maximum benefit from the airbag. Even with advanced airbags, improperly and unbelted occupants can be severely injured when the airbag inflates. Always follow the precautions about seat belts, airbags and occupant safety contained in this manual.

To reduce the chance of serious or fatal injuries and receive the maximum safety benefit from your restraint system:

- **Never place a child in any child or booster seat in the front seat (see child restraints 1-31).**
- **ABC – Always Buckle Children in the back seat. It is the safest place for children of any age to ride.**
- **Front and side impact airbags can injure occupants improperly positioned in the front seats.**

WARNING:

- **Move your seat as far back as practical from the front airbags, while still maintaining control of the vehicle.**
- **Never sit or lean unnecessarily close to the front or side airbags.**
- **Never lean against the door or center console – always sit in an upright position.**
- **Do not allow an adult passenger to ride in the front seat when the "Passenger Airbag OFF" indicator is illuminated, because the airbag will not deploy in the event of a moderate or severe frontal crash.**
- **Never place objects over or near any airbag module (front or side impact airbags), because these objects can injure passengers in a crash.**
- **Never place covers, blankets or aftermarket seat warmers on the passenger seat as these may interfere with the occupant classification system.**

WARNING:

- **Do not tamper or disconnect SRS wiring or other components. Injuries could result from inadvertent deployment or failure of the airbag to deploy in a crash.**
- **If the SRS airbag warning light (see pg 1-64) remains illuminated while the vehicle is being driven, have an authorized Hyundai dealer inspect the airbag system as soon as possible.**
- **Airbags can only be used once – have an authorized Hyundai dealer replace the airbag immediately after deployment.**
- **The SRS is designed to deploy the front airbags only when an impact is sufficiently severe and when the impact angle is within a range as measured from the forward longitudinal axis of the vehicle. The front airbags will not deploy in side, rear or rollover impacts. Additionally, the airbags will only deploy once. Seat belts must be worn at all times.**

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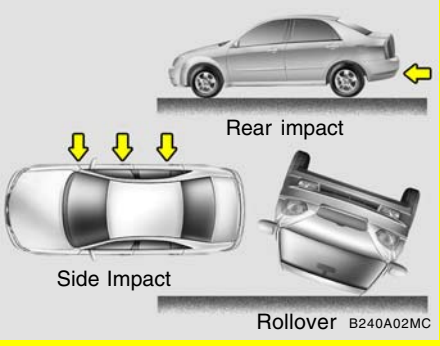
WARNING:

- Front airbags are not intended to deploy in side-impact, rear-impact or rollover crashes. In addition, front airbags will not deploy in frontal crashes below the deployment threshold.



- Move your seat as far back as practical from the front airbags, while still maintaining control of the vehicle. You and your passengers should never sit or lean unnecessarily close to the airbags. Improperly positioned drivers and passengers can be severely injured by inflating airbags.

WARNING:

- No objects should be placed over or near the airbag modules on the steering wheel, instrument panel, and the front passenger's panel above the glove box, because any such object could cause harm if the vehicle is in a crash severe enough to cause the airbags to deploy.
- If the airbags deploy, they must be replaced by an authorized Hyundai dealer. Deployed airbags WILL NOT inflate again and will provide no protection in subsequent collisions.
- Do not tamper with or disconnect SRS wiring or other components of the SRS system. Doing so could result in injury, due to accidental deployment of the airbags or by rendering the SRS inoperative.
- Even though your vehicle is equipped with the occupant classification system, do not install a child restraint system in the front passenger seat position. A child restraint system must never be placed in the front seat.

WARNING:

An infant or child could be severely injured or killed by an airbag deployment in case of an accident.

- Children younger than 13 years must always be properly restrained in the rear seat. Never allow children to ride in the front passenger seat. If a child over 13 must be seated in the front seat, he or she must be properly belted and the seat should be moved as far back as possible.
- For maximum safety protection in all types of crashes, all occupants including the driver should always wear their seat belts whether or not an airbag is also provided at their seating position to minimize the risk of severe injury or death in the event of a crash. Do not sit or lean unnecessarily close to the airbag while the vehicle is in motion.

WARNING:

- **Sitting improperly or out of position can result in serious or fatal injury in a crash. All occupants should sit upright with the seat back in an upright position, centered on the seat cushion with their seat belt on, legs comfortably extended and their feet on the floor until the vehicle is parked and the ignition key is removed.**
- **The SRS airbag system must deploy very rapidly to provide protection in a crash. If an occupant is out of position because of not wearing a seat belt, the airbag may forcefully contact the occupant causing serious or fatal injuries.**

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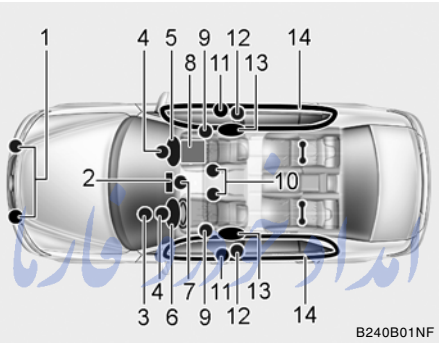
SRS Components and Functions



The SRS consists of the following components:

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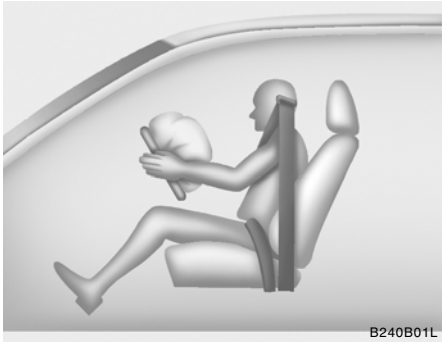
1. Front Impact Sensor
2. "PASSENGER AIR BAG OFF" Indicator (Front passenger's seat only)
3. SRS "AIR BAG" warning light
4. Knee Bolster
5. Passenger's Airbag Module
6. Driver's Airbag Module
7. SRS Control Module (SRSCM)
8. Occupant Classification System (Front passenger's seat only)
9. Driver's and Front Passenger's Seat Track Position Sensors
10. Driver's and Front Passenger's Seat Belt Buckle Sensors
11. Side Impact Sensor (If Installed)
12. Retractor Pre-tensioner Assemblies
13. Side Impact Airbag Module (If Installed)
14. Curtain Airbag Module (If Installed)

The SRSCM continually monitors all elements while the ignition is "ON" to determine if a frontal or near-frontal impact is severe enough to require airbag deployment or pre-tensioner seat belt deployment.

The SRS "AIR BAG" warning light on the instrument panel will illuminate for about 6 seconds after the ignition key is turned to the "ON" position or after the engine is started, after which the "AIR BAG" warning light should go out.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The airbag modules are located both in the center of the steering wheel and in the front passenger's panel above the glove box. When the SRSCM detects a sufficiently severe impact to the front of the vehicle, it will automatically deploy the front airbags.

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Upon deployment, tear seams molded directly into the pad covers will separate under pressure from the expansion of the airbags. Further opening of the covers then allows full inflation of the airbags.

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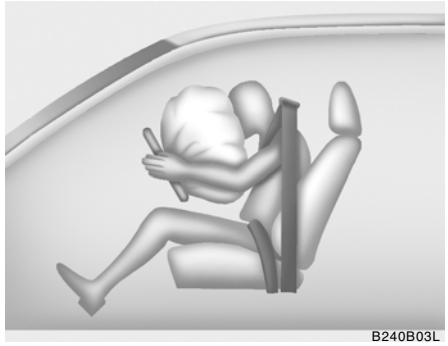
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A fully inflated airbag, in combination with a properly worn seat belt, slows the driver's or the passenger's forward motion, reducing the risk of head and chest injury.

After complete inflation, the airbag immediately starts deflating, enabling the driver to maintain forward visibility and the ability to steer or operate other controls.

Passenger's Front Airbag

CAUTION:

- Do not install or place any accessories (drink holder, cassette holder, sticker, etc.) on the front passenger's panel above the glove box in a vehicle with a passenger's airbag. Such objects may become dangerous projectiles and cause injury if the passenger's airbag inflates.

- When installing a container of liquid air freshener inside the vehicle, do not place it near the instrument cluster nor on the instrument panel surface. If there is any leakage from the air freshener onto these areas (instrument cluster, instrument panel or air ventilator), it may damage these parts. If the liquid from the air freshener does leak onto these areas, wash them with water immediately.

Passenger's Front Airbag

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WARNING:

- If an airbag deploys, there may be a loud noise followed by a fine dust released in the vehicle. These conditions are normal and are not hazardous - the airbags are packed in this fine powder. The dust generated during airbag deployment may cause skin or eye irritation as well as aggravate asthma for some persons. Always wash all exposed skin areas thoroughly with lukewarm water and a mild soap after an accident in which the airbags were deployed.
- The SRS can function only when the ignition key is in the "ON" position. If the SRS "AIR BAG" warning light does not illuminate, or continuously remains on after illuminating for about 6 seconds when the ignition key is turned to the "ON" position, or after the engine is started, comes on while driving, the SRS is not working properly. If this occurs, have your vehicle immediately inspected by your Hyundai dealer.

WARNING:

- **Before you replace a fuse or disconnect a battery terminal, turn the ignition key to the "LOCK" position and remove the ignition key. Never remove or replace the airbag related fuse(s) when the ignition key is in the "ON" position. Failure to heed this warning will cause the SRS "AIR BAG" warning light to illuminate.**

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OCCUPANT CLASSIFICATION SYSTEM

Your vehicle is equipped with an occupant classification system in the front passenger's seat. The Occupant Classification system is designed to detect the presence of a properly-seated front passenger and determine if the passenger's front airbag should be enabled (may inflate) or not. The driver's front airbag is not affected or controlled by the Occupant Classification System.

Main components of occupant classification system

- A detection device located within the front passenger seat cushion.
- Electronic system to determine whether passenger airbag systems (both front and side) should be activated or deactivated.
- A warning light located on the instrument panel which illuminates the words "PASSENGER AIR BAG OFF" indicating the front passenger airbag system is deactivated.
- The instrument panel airbag warning light is interconnected with the occupant classification system.

If the front passenger seat is occupied by a person that the system determines to be of adult size, and he/she sits properly (sitting upright with the seatback in an upright position, centered on the seat cushion with their seat belt on, legs comfortably extended and their feet on the floor), the "PASSENGER AIR BAG OFF" indicator will be turned off and the front passenger's airbag will be able to inflate, if necessary, in frontal crashes.
You will find the "PASSENGER AIR BAG OFF" indicator on the center facia panel. The following table summarizes the functioning of the system depending on the front passenger seat occupant.

Always be sure that you and all vehicle occupants are seated and restrained properly (sitting upright with the seat in an upright position, centered on the seat cushion, with the person's legs comfortably extended, feet on the floor, and wearing the safety belt properly) for the most effective protection by the air bag and the safety belt.

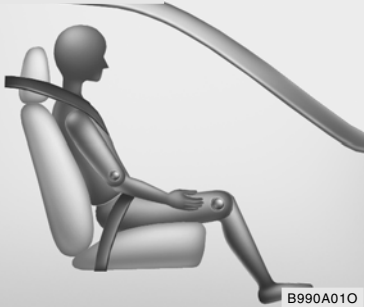
o The OCS may not function properly if the passenger takes actions which can defeat the detection system. These include:
  (1) Failing to sit in an upright position.
  (2) Leaning against the door or center console.
  (3) Sitting towards the sides or the front of the seat.
  (4) Putting legs on the dashboard or resting them on other locations which reduce the passenger weight on the front seat.
  (5) Improperly wearing the safety belt.
  (6) Reclining the seatback.

Condition and operation in the front passenger occupant classification system

Condition detected by the occupant classification system	"PASSENGER AIR BAG OFF" indicator light	SRS warning light	Front passenger airbag
1. Adult*1	Off	Off	Activated
2. Child*2 or child restraint system*3	On	Off	Deactivated
3. Unoccupied	On	Off	Deactivated

*1) The system judges a person of adult size as an adult. When a smaller adult sits in the front passenger seat, the system may recognize him/her as a child depending on his/her physique and posture.
*2) Do not allow children to ride in the front passenger seat. When a larger child who has outgrown a child restraint system sits in the front passenger seat, the system may recognize him/her as an adult depending on his/her physique or posture, or objects in the lap of the child.
*3) Never install a child restraint system on the front passenger seat.

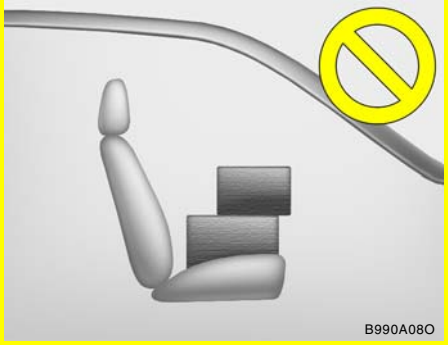
Proper seating position



When an adult is seated in the front passenger seat, if the "PASSENGER AIR BAG OFF" indicator is on, turn the ignition key to "LOCK" and ask the passenger to sit properly (sitting upright with the seat back in an upright position, centered on the seat cushion with their seat belt on, legs comfortably extended and their feet on the floor). Restart the engine and have the person remain in that position for about 30 seconds.
This will allow the system to detect the person and to enable the passenger airbag. If the "PASSENGER AIR BAG OFF" indicator is still on, turn the ignition key to "LOCK" and ask the passenger to sit properly and restart the engine again. If the "PASSENGER AIR BAG OFF" indicator is still on, ask the passenger to move to the rear seat.

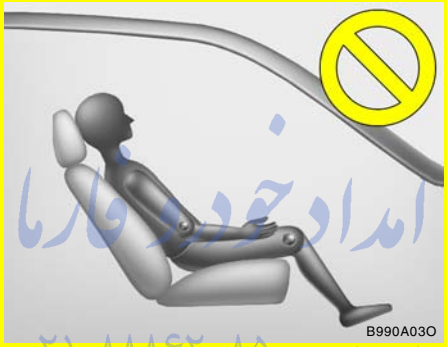
WARNING:

o Riding in an improper position or placing weight on the front passenger's seat when it is unoccupied by a passenger adversely affects the occupant classification system (OCS).



- NEVER put a heavy load in the front passenger seat.

WARNING:



- NEVER excessively recline the front passenger seatback.

- NEVER sit with hips shifted towards the front of the seat.

WARNING:

- NEVER lean on the center console.
- NEVER lean on the door trim.
- NEVER sit on one side of the front passenger seat.

WARNING:

- NEVER place feet on the dashboard.

WARNING:

o A smaller-stature adult who is not seated correctly (for example: seat excessively reclined, leaning on the center console, or hips shifted forward in the seat) can cause a condition where the advanced frontal airbag system senses less weight than if the occupant were seated properly (sitting upright with the seatback in an upright position, centered on the seat cushion with their seat belt on, legs comfortably extended and their feet on the floor). This condition can result in an adult potentially being misclassified and illumination of the "PASSENGER AIR BAG OFF" indicator.

WARNING:

o Do not allow an adult passenger to ride in the front seat when the “PASSENGER AIR BAG OFF” indicator is illuminated, because the airbag will not deploy in the event of a crash. If the "PASSENGER AIR BAG OFF" indicator remains illuminated after the passenger repositions themselves properly and the car is restarted, Hyundai recommends that passenger move to the rear seat because the passenger's front airbag will not deploy.

o The "PASSENGER AIR BAG OFF" indicator will not change according to the occupants posture after the vehicle has been running for 30 seconds. Front seat passengers must stay properly seated to avoid serious injury from a deploying airbag. For more information see page 1-49.

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NOTE:
The "PASSENGER AIR BAG OFF" indicator illuminates for about 4 seconds after the ignition key is turned to the "ON" position or after the engine is started. If the front passenger seat is occupied, the occupant classification sensor will then classify the front passenger within approximately 10 seconds after the ignition is turned on.

WARNING:
If the occupant classification system is not working properly, the SRS airbag warning light AIR BAG on the instrument panel will illuminate because the passenger's front airbags are connected with the occupant classification system. If there is a malfunction of the occupant classification system, the "PASSENGER AIR BAG OFF" indicator will not illuminate and the passenger's front airbags will inflate in frontal impact crashes even if there is no occupant in the front passenger's seat. If the SRS airbag warning light does not illuminate when the ignition key is turned to the "ON" position, remains illuminated after approximately 6 seconds when the ignition key is turned to the "ON" position, or if it illuminates while the vehicle is being driven, have an authorized Hyundai dealer inspect the occupant classification system and the SRS airbag system as soon as possible.

WARNING:
- **Even though your vehicle is equipped with the occupation classification system, never install a child restraint system in the front passenger's seat. A deploying airbag can forcefully strike a child resulting in serious injuries or death. Any child under 13 years of age should ride in the rear seat. Children too large for child restraints should use the available lap/shoulder belts. No matter what type of crash, children of all ages are safer when restrained in the rear seat.**
- **If the "PASSENGER AIR BAG OFF" indicator is illuminated when the front passenger's seat is occupied by an adult and he/she sits properly (sitting upright with the seatback in an upright position, centered on the seat cushion with their seat belt on, legs comfortably extended and their feet on the floor), have that person sit in the rear seat.**

WARNING:

- If you change the weight on the front passenger seat just after sit-in or restart of the engine, the "PASSENGER AIR BAG OFF" indicator may be turned on or off for a few seconds, disabling or enabling the passenger airbags. After the initial stage of about 30 seconds, the "PASSENGER AIR BAG OFF" indicator will not toggle.
- Do not modify or replace the front passenger seat. Don't place anything on or attach anything such as a blanket or after market seat heater to the front passenger seat. This can adversely affect the occupant classification system.
- Do not sit on sharp objects such as tools when occupying the front passenger seat. This can adversely affect the occupant classification system.
- Do not use accessory seat covers on the front seats.

WARNING:

- Accident statistics show that children are safer if they are restrained in the rear, as opposed to the front seat. It is recommended that child restraints be secured in a rear seat, including an infant riding in a rear-facing infant seat, a child riding in a forward-facing child seat and an older child riding in a booster seat.
- Airbags can only be used once – have an authorized Hyundai dealer replace the airbag immediately after deployment.

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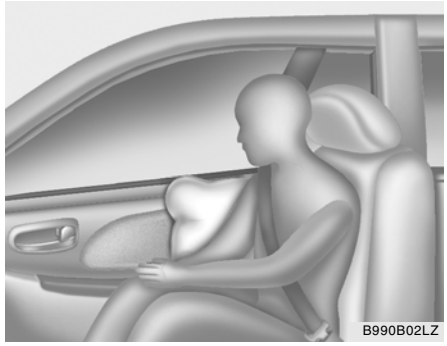
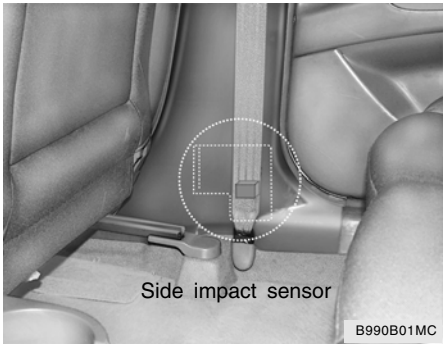
Side Impact Airbag



Your Hyundai is equipped with a side impact airbag in each front seat. The purpose of the airbag is to provide the vehicle's driver and/or the front passenger with additional protection than that offered by the seat belt alone. The side impact airbags are designed to deploy only during certain side-impact collisions, depending on the crash severity, angle, speed and point of impact. The side impact airbags are not designed to deploy in all side impact situations.



Important Safety Notes on the Side Impact Airbag System

Following are a number of safety points concerning this system which should always be observed to ensure risk of injury is reduced in an accident.

WARNING:

- **The side impact airbag is supplemental to the driver's and the passenger's seat belt systems and is not a substitute for them. Therefore your seat belts must be worn at all times while the vehicle is in motion. The airbags deploy only in certain side impact conditions severe enough to cause significant injury to the vehicle occupants.**
- **For best protection from the side impact airbag system and to avoid being injured by the deploying side impact airbag, both front seat occupants should sit in an upright position with the seat belt properly fastened. The driver's hands should be placed on the steering wheel at the 9:00 and 3:00 positions. The passenger's arms and hands should be placed on their laps.**
- **Do not use any accessory seat covers.**
  Use of seat covers could reduce or prevent the effectiveness of the system.

WARNING:

- **Do not install any accessories on the side or near the side impact airbag.**
- **Do not place any objects over the airbag or between the airbag and yourself.**
- **Do not place any objects (an umbrella, bag, etc.) between the front door and the front seat. Such objects may become dangerous projectiles and cause injury if the supplemental side impact airbag inflates.**
- **To prevent unexpected deployment of the side impact airbag that may result in personal injury, avoid impact to the side impact sensor when the ignition key is on.**

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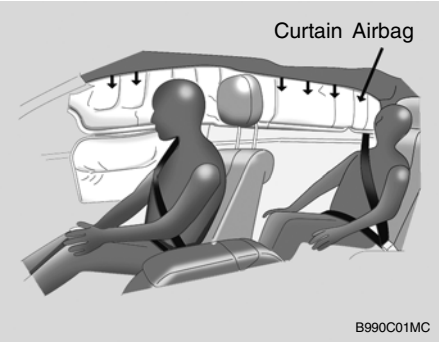
Curtain Airbag



Curtain airbags are located along both sides of the roof rails above the front and rear doors. They are designed to help protect the heads of the front seat occupants and the rear outboard seat occupants in certain side impact collisions.

The curtain airbags are designed to deploy only during certain side impact collisions, depending on the crash severity, angle, speed and impact. The curtain airbags are not designed to deploy in all side impact situations, collisions from the front or rear of the vehicle or in most rollover situations.

Important Safety Notes for Curtain Airbag Systems

Following are a number of safety points concerning this system which should always be observed to ensure risk of injury is reduced in an accident.

WARNING:

- **Before installing child restraints , always refer to "Child Restraint System" section to ensure correct installation and that occupant protection is maximized.**
- **Make sure that the occupant does not have any body parts (head, arms & legs) protruding outside the restraining system. An inflating airbag that strikes an infant or child could cause serious injury.**
- **Ensure the opening for the Curtain Airbag System remains unobstructed at all times, so that the airbags can inflate properly if needed.**

WARNING:

- **The space between the occupant and the curtain airbag must never be occupied by children, passengers or pets. Occupants should never lean out or have any parts of their body protruding from the window while the engine is running.**
- **Do not move the sun visor out to cover the side window if there is an item attached to it such as a garage door remote control, pens, air fresheners or the like. These objects could cause injury if the Curtain Airbag is deployed.**
- **Do not install sun blinds to the rear doors, these must not obstruct or impair the airbag in any way.**
- **Do not install any accessories or children's toys in the Curtain Airbag deployment zones, as this may impair the operation of the system or throw parts of them into the vehicle cabin causing injury to occupants if the system is deployed.**

WARNING:
- **To maintain the integrity of the Curtain Airbag system, any work, removal or installation of the airbag and associated components (such as roof lining and side trims) should only be performed by an authorized Hyundai dealer.**

B240C02NF-AAT

SRS Care

The SRS is virtually maintenance-free and so there are no parts you can safely service by yourself. If the SRS "AIR BAG" warning light does not illuminate, or continuously remains on, have your vehicle immediately inspected by your Hyundai dealer.

Any work on the SRS system, such as removing, installing, repairing, or any work on the steering wheel must be performed by a qualified Hyundai technician. Improper handling of the SRS system may result in serious personal injury.

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HSM393

WARNING:
- **Do not install a child restraint system in the front passenger seat position.**
  A child restraint system must never be placed in the front seat. The infant or child could be severely injured by an airbag deployment in case of an accident.
- **Modification to SRS components or wiring, including the addition of any kind of badges to the pad covers or modifications to the body structure, can adversely affect SRS performance and lead to possible injury.**
- **For cleaning the airbag pad covers, use only a soft, dry cloth or one which has been moistened with plain water. Solvents or cleaners could adversely affect the airbag covers and proper deployment of the system.**

WARNING:

- **No objects should be placed over or near the airbag modules on the steering wheel, instrument panel, and the front passenger's panel above the glove box, because any such object could cause harm if the vehicle is in a crash severe enough to cause the airbags to inflate.**
- **If the airbags inflate, they must be replaced by an authorized Hyundai dealer.**
- **Do not tamper with or disconnect SRS wiring, or other components of the SRS system. Doing so could result in injury, due to accidental inflation of the airbags or by rendering the SRS inoperative.**
- **If components of the airbag system must be discarded, or if the vehicle must be scrapped, certain safety precautions must be observed. Your Hyundai dealer knows these precautions and can give you the necessary information. Failure to follow these precautions and procedures could increase the risk of personal injury.**

WARNING:

- **If your car was flooded and has soaked carpeting or there is water on the floor, do not start the engine; have the car towed to an authorized Hyundai dealer.**

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B240D02NF-AAT

Additional Safety Precautions

- **Never let passengers ride in the cargo area (trunk) or on top of a folded-down back seat.** All occupants should sit upright, fully back in their seats with their seat belts on and their feet on the floor.
- **Passengers should not move out of or change seats while the vehicle is moving.** A passenger who is not wearing a seat belt during a crash or emergency stop can be thrown against the inside of the vehicle, against other occupants, or out of the vehicle.
- **Each seat belt is designed to restrain one occupant.** If more than one person uses the same seat belt, they could be seriously injured or killed in a collision.
- **Do not use any accessories on seat belts.** Devices claiming to improve occupant comfort or reposition the seat belt can reduce the protection provided by the seat belt and increase the chance of serious injury in a crash.
- **Passengers should not place hard or sharp objects between themselves and the airbags.** Carrying hard or sharp objects on your lap or in your mouth can result in injuries if an airbag inflates.

- **Keep occupants away from the airbag covers.** All occupants should sit upright, fully back in their seats with their seat belts on and their feet on the floor. If occupants are too close to the airbag covers, they could be injured if the airbags inflate.
- **Do not attach or place objects on or near the airbag covers.** Any object attached to or placed on the front or side impact airbag covers could interfere with the proper operation of the airbags.
- **Do not modify the front seats.** Modification of the front seats could interfere with the operation of the supplemental restraint system sensing components or side impact airbags.
- **Do not place items under the front seats.** Placing items under the front seats could interfere with the operation of the supplemental restraint system sensing components and wiring harnesses.
- **Never hold an infant or child on your lap.** The infant or child could be seriously injured or killed in the event of a crash. All infants and children should be properly restrained in appropriate child safety seats or seat belts in the rear seat.

WARNING:

- **Sitting improperly or out of position can cause occupants to be shifted too close to a deploying airbag, strike the interior structure or be thrown from the vehicle resulting in serious injury or death.**
- **Always sit upright with the seatback in an upright position, centered on the seat cushion with your seat belt on, legs comfortably extended and your feet on the floor.**

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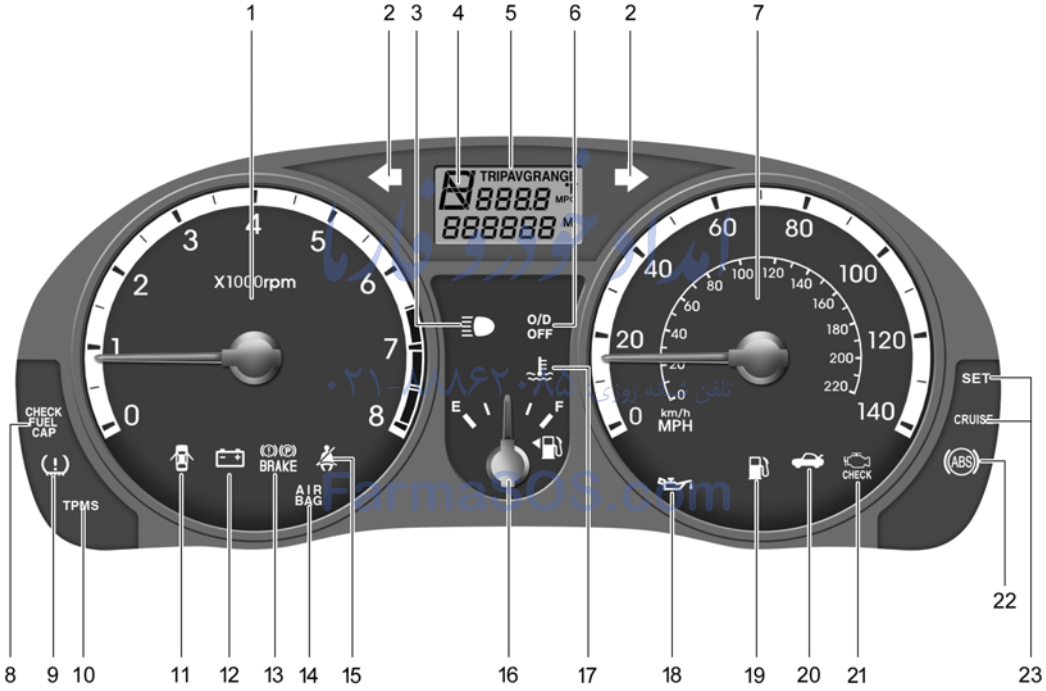
Adding Equipment to or Modifying Your Airbag-Equipped Vehicle.

If you modify your vehicle by changing your vehicle's frame, bumper system, front end or side sheet metal or ride height, this may adversely affect the operation of your vehicle's airbag system.

INSTRUMENT CLUSTER AND INDICATOR LIGHTS

B260A02MC-AAT

Type A



OMC029410N

1. Tachometer
2. Turn Signal Indicator Lights
3. High Beam Indicator Light
4. Automatic Transaxle Position Indicator Light (If Installed)
5. Odometer/Trip Odometer/Trip Computer (If Installed)
6. Overdrive Off Indicator Light (Automatic transaxle only)
7. Speedometer
8. Check Fuel Cap Warning Light
9. Low Tire Pressure Telltale (If Installed)
10. TPMS (Tire Pressure Monitoring System) Malfunction Indicator (If Installed)
11. Door Ajar Warning Light
12. Charging System Warning Light
13. Parking Brake/Low Brake fluid Level Warning Light
14. SRS (Airbag) Warning Light
15. Seat Belt Warning Light
16. Fuel Gauge
17. Engine Coolant Temperature Warning Light
18. Low Oil Pressure Warning Light
19. Low Fuel Warning Light
20. Trunk Lid/Tail Gate Open Warning Light
21. Malfunction Indicator Light (MIL)
22. ABS Service Reminder Indicator Light (If Installed)
23. Cruise Control Indicator Lights (If Installed)

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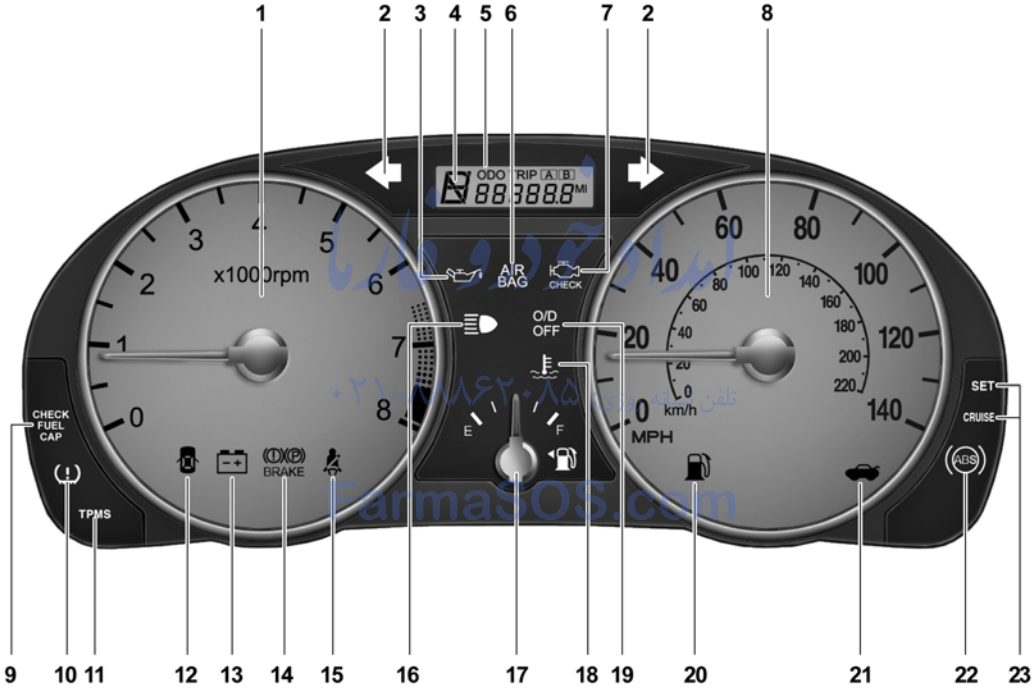
B260B02MC-AAT

Type B



OMC029404

1. Tachometer
2. Turn Signal Indicator Lights
3. Low Oil Pressure Warning Light
4. Automatic Transaxle Position Indicator Light (If Installed)
5. Odometer/Trip Odometer
6. SRS (Airbag) Warning Light
7. Malfunction Indicator Light (MIL)
8. Speedometer
9. Check Fuel Cap Warning Light
10. Low Tire Pressure Telltale (If Installed)
11. TPMS (Tire Pressure Monitoring System) Malfunction Indicator (If Installed)
12. Door Ajar Warning Light
13. Charging System Warning Light
14. Parking Brake/Low Brake fluid Level Warning Light
15. Seat Belt Warning Light
16. High Beam Indicator Light
17. Fuel Gauge
18. Engine Coolant Temperature Warning Light
19. Overdrive Off Indicator Light (Automatic transaxle only)
20. Low Fuel Warning Light
21. Trunk Lid/Tail Gate Open Warning Light
22. ABS Service Reminder Indicator Light (If Installed)
23. Cruise Control Indicator Lights (If Installed)

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WARNING AND INDICATOR LIGHTS

B260B01JM-AAT

SRS (Airbag) Warning Light

The SRS warning light comes on for approximately 6 seconds after the key is turned to the "ON" position or after the engine is started, after which it will go out.

This light also comes on when the SRS is not working properly. If the AIR BAG warning light does not come on, or continuously remains on after operating for about 6 seconds when you turned the ignition key to the "ON" position or started the engine, or if it comes on while driving, have the SRS inspected by an authorized Hyundai dealer.

B260P02Y-GAT

ABS Service Reminder Indicator (SRI) (If Installed)

When the key is turned to the "ON" position, the Anti-Lock Brake System SRI will come on and then go off in a few seconds. If the ABS SRI remains on, comes on while driving, or does not come on when the key is turned to the "ON" position, this indicates that there may be a problem with the ABS.
If this occurs, have your vehicle checked by your Hyundai dealer as soon as possible. The normal braking system will still be operational, but without the assistance of the anti-lock brake system.

WARNING:
If both ABS SRI and Parking Brake/Brake fluid level warning lights remain "ON" or come on while driving, there may be a problem with E.B.D. (Electronic Brake Force Distribution).
If this occurs, avoid sudden stops and have your vehicle checked by your Hyundai dealer as soon as possible.

B260C01A-AAT

O/D OFF Indicator (Automatic Transaxle only)

When the overdrive switch is turned on, the overdrive off indicator will go out. This amber indicator will be illuminated when the overdrive switch is turned off.

B260D01A-AAT

Turn Signal Indicator Lights

The blinking green arrow on the instrument panel shows the direction indicated by the turn signals. If the arrow comes on but does not blink, blinks more rapidly than normal, or does not blink at all, a malfunction in the turn signal system is indicated. Your dealer should be consulted for repairs.

B260F01A-AAT

High Beam Indicator Light

The high beam indicator light comes on whenever the headlights are switched to the high beam or flash position.

B260G01A-AAT

Low Oil Pressure Warning Light

CAUTION:

If the oil pressure warning light stays on while the engine is running, serious engine damage may result. The oil pressure warning light comes on whenever there is insufficient oil pressure. In normal operation, it should come on when the ignition switch is turned on, then go out when the engine is started. If the oil pressure warning light stays on while the engine is running, there is a serious malfunction.

If this happens, stop the car as soon as it is safe to do so, turn off the engine and check the oil level. If the oil level is low, fill the engine oil to the proper level and start the engine again. If the light stays on with the engine running, turn the engine off immediately. In any instance where the oil light stays on when the engine is running, the engine should be checked by a Hyundai dealer before the car is driven again.

B260H03A-AAT

Parking Brake/ Low Brake Fluid Level Warning Light

CAUTION:

If you suspect brake trouble, have your brakes checked by a Hyundai dealer as soon as possible. Driving your car with a problem in either the brake electrical system or brake hydraulic system is dangerous, and could result in serious injury or death.

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Warning Light Operation

The parking brake/brake fluid level warning light should come on when the parking brake is applied and the ignition switch is turned to "ON" or "START". After the engine is started, the light should go out when the parking brake is released.

If the parking brake is not applied, the warning light should come on when the ignition switch is turned to "ON" or "START", then go out when the engine starts.

If the light comes on at any other time, you should slow the vehicle and bring it to a complete stop in a safe location off the roadway. The brake fluid level warning light indicates that the brake fluid level in the brake master cylinder is low and brake fluid conforming to DOT 3 or DOT 4 specifications should be added. After adding fluid, if no other trouble is found, the car should be immediately and carefully driven to a Hyundai dealer for inspection. If further trouble is experienced, the vehicle should not be driven at all but taken to a dealer by a professional towing service.

Your Hyundai 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 car. Also, the car 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 car as soon as it is safe to do so.

B260J01MC-AAT

Charging System Warning Light

The charging system warning light should come on when the ignition is turned on, then go out when the engine is running. If the light stays on while the engine is running, there is a malfunction in the electrical charging system. If the light comes on while you are driving, have the system checked by your Hyundai dealer as soon as possble.

B260L02HP-GAT

Door Ajar Warning Light and Chime

The door ajar warning light warns you that a door is not completely closed and the chime warns you that the key is in the ignition switch.

NOTE :

The warning chime only sounds whenever the key is in the ignition switch and the driver's side front door is open simultaneously. The chime sounds until the key is removed from the ignition switch or the driver's side front door is closed.

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B260K02A-AAT

Trunk Lid/Tail Gate Open Warning Light

This light remains on unless the trunk lid/tail gate is completely closed and latched.

B260M01A-AAT

Low Fuel Level Warning Light

The low fuel level warning light comes on when the fuel tank is approaching empty. When it comes on, you should add fuel as soon as possible. Driving with the fuel level warning light on or with the fuel level below "E" can cause the engine to misfire and damage the catalytic converter.

B260O01MC-AAT

Check Fuel Filler Cap Warning Light

This warning light indicates the fuel filler cap is not tight securely.
Always make sure that the fuel filler cap is tight.

B260N01MC-AAT

Malfunction Indicator Light

This light illuminates when there is a malfunction of an exhaust gas related component and the system is not functioning properly. This light will also illuminate when the ignition key is turned to the "ON" position, and will go out in a few seconds after the engine is started. If it illuminates while driving, or does not illuminate when the ignition key is turned to the "ON" position, take your car to your nearest authorized Hyundai dealer and have the system checked.

CAUTION:

Prolonged driving with the Emission Control System Malfunction Indicator Light illuminated may cause damage to the emission control systems which could effect drivability or fuel economy. If the Emission Control System Malfunction Indicator Light begins to flash ON and OFF, potential catalytic converter damage is possible which could result in loss of engine power. Have the Engine Control System inspected as soon as possible by an authorized Hyundai dealer.

B265E01MC-AAT

Seat Belt Warning Light and Chime

The driver's seat belt warning light and chime will activate to the following table when the ignition switch is in "ON" position.

Conditions		Warning Pattern	
Seat Belt	Vehicle Speed	Light-Blink	Chime-Sound
Unbuckled		6 seconds	
Buckled		6 seconds	None
Buckled → Unbuckled		6 seconds	
Unbuckled	Above 6mph (10 km/h) ↓ Below 3mph (5 km/h)	6 seconds *1) ↓ Stop *2)	

*1) Warning pattern repeats 11 times with an interval of 24 seconds. If the driver's seat belt is buckled, the light will stop within 6 seconds and chime will stop immediately.

*2) The light will stop within 6 seconds and chime will stop immediately.

B290A02MC-AAT

Engine Coolant Temperature Warning Light

WARNING:

Never remove the radiator cap when the engine is hot. The engine coolant is under pressure and could erupt and cause severe burns. Wait until the engine is cool before removing the radiator cap.

This warning light shows the temperature of the engine coolant when the ignition switch is ON. The warning light illuminates if the temperature of the engine coolant is above 253.4±5.4°F (123±3°C). If the warning light illuminates, pull over and stop as soon as possible and turn off the engine. Then open the hood and check the coolant level (See "If the engine overheats" on the page 3-4.) and the water pump drive belt. If you suspect cooling system trouble, have your cooling system checked by a Hyundai dealer as soon as possible.

NOTE:

If the engine coolant temperature warning light illuminates, it indicates overheating that may damage the engine.

D150325AMC

Cruise Indicator (If Installed)

CRUISE

CRUISE Indicator

The indicator light illuminates when the cruise control system is enabled.
The cruise indicator light in the instrument cluster is illuminated when the cruise control ON/OFF button on the steering wheel is pushed.
The indicator light turns off when the cruise control ON/OFF button is pushed again. For more Information about the use of cruise control, refer to page 1-101.

SET

Cruise SET Indicator

The indicator light illuminates when the cruise function switch (-/SET or RES/+) is ON.
The cruise SET indicator light in the instrument cluster is illuminated when the cruise control switch (-/SET or RES/+) is pushed. The cruise SET indicator light does not illuminate when the cruise control switch (CANCEL) is pushed or the system is disengaged.

B260W02JM-AAT

Low Tire Pressure Telltale (If Installed)

The low tire pressure telltale comes on for 3 seconds after the ignition key is turned to the "ON" position.
If the warning light does not come on, or continuously remains on after comming on for about 3 seconds when you turned the ignition key to the "ON" position, the Tire Pressure Monitoring System is not working properly. If this occurs, have your vehicle checked by an authorized Hyundai dealer as soon as possible.
This warning light will also illuminate one or more of your tires is significantly underinflated. You should stop and check your tires as soon as possible. If the warning light illuminates while driving, reduce vehicle speed immediately and stop the vehicle.
Avoid hard braking and overcorrecting at the steering wheel. Inflate the tires to the proper pressure as indicated on the vehicle's tire information placard.

WARNING:
Significantly low tire pressure makes the vehicle unstable and can contribute to loss of vehicle control and increased braking distances.
Continued driving on low pressure tires will cause the tires to overheat and fail.

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B265W01MC-AAT

TPMS (Tire Pressure Monitoring System) Malfunction Indicator (If Installed)

TPMS malfunction indicator comes on for 3 seconds after the ignition key is turned to the "ON" position. If the warning light does not come on, or continuously remains on after comming on for about 3 seconds when you turned the ignition key to the "ON" position, the Tire Pressure Monitoring System is not working porperly. If this occurs, have your vehicle checked by an authorized Hyundai dealer as soon as possible.

The warning light also comes on and stays on when there is a problem with the Tire Pressure Monitoring System.

If this happens, the system may not monitor the tire pressure. Have the system checked by an authorized Hyundai dealer as soon as possible.

WARNING:

- **The TPMS cannot alert you to severe and sudden tire damage caused by external factors.**
- **If you feel any vehicle instability, immediately take your foot off the accelerator, apply the brakes gradually and with light force, and slowly move to a safe position off the road.**

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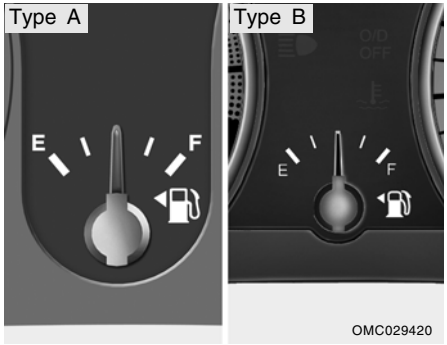
B270A01A-AAT

BRAKE PAD WEAR WARNING SOUND

The front disc brake pads have wear indicators that should make a high-pitched squealing or scraping noise when new pads are needed. The sound may come and go or be heard all the time when the vehicle is moving. It may also be heard when the brake pedal is pushed down firmly. Expensive rotor damage will result if the worn pads are not replaced. See your Hyundai dealer immediately.

B280A01TG-AAT

FUEL GAUGE



The needle on the gauge indicates the approximate fuel level in the fuel tank. The fuel capacity is given in Section 9.

NOTE:

The " ⛽ " symbol means the fuel filler lid is placed on the left side of the vehicle.

B330A03A-AAT

TACHOMETER

The tachometer registers the speed of your engine in revolutions per minute (rpm).

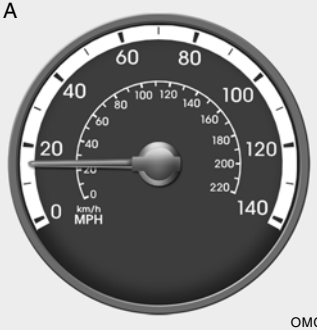
CAUTION:

The engine should not be increased to such a speed that the needle enters the red zone on the tachometer face. This can cause severe engine damage and may void your warranty.

B300A01A-AAT

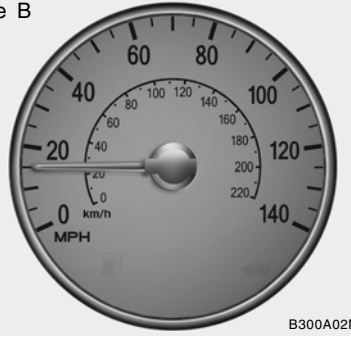
SPEEDOMETER

Type A



OMC029422

Type B



B300A02MC-A

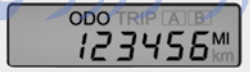
Your Hyundai's speedometer is calibrated in miles per hour (on the outer scale) and kilometers per hour (on the inner scale).

B310B01O-AAT

ODOMETER/TRIP ODOMETER (Without Trip Computer)

Type A

Type B



B310B01MC-A

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1. Odometer

The odometer records the total driving distance in miles, and is useful for keeping a record for maintenance intervals. It is normal for a new vehicle to have the odometer indicating less than 30 miles.

NOTE:
Federal law forbids alteration of the odometer of any vehicle with the intent to change the number of the odometer. The alteration may void your warranty coverage.

2. Trip Odometer

OMC029054

Pushing in the trip switch for less than 1 second when the ignition switch is turned "ON" displays the following sequence:

Type A

B310B02MC-A

Type B

B310B03MC-A

Trip odometer records the distance of 2 trips in miles.

TRIP A: Distance you have traveled from your origination point to a first destination.

TRIP B: Distance from the first destination to the final destination.

When the trip switch is pressed for more than 1 second, trip odometer will reset to 0.

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B310C01O-AAT

ODOMETER/TRIP ODOMETER (With Trip Computer)

B400B03MC-E

1. Odometer

The odometer records the total driving distance in miles, and is useful for keeping a record for maintenance intervals. It is normal for a new vehicle to have the odometer indicating less than 30 miles.

NOTE:

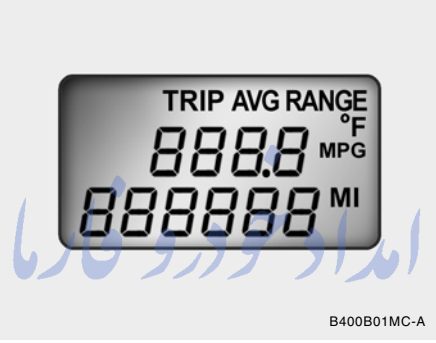
Federal law forbids alteration of the odometer of any vehicle with the intent to change the number of the odometer. The alteration may void your warranty coverage.

2. Trip Odometer

- This mode indicates the drive distance travelled since the last drive time reset.
- Refer to the explanation of the trip computer (see page 1-74, Tripmeter).

B400B01MC-AAT

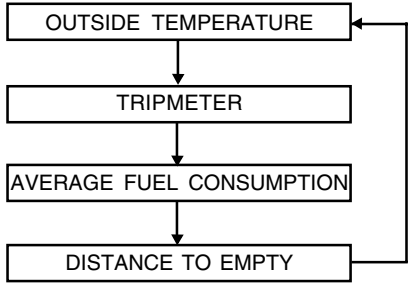
(If Installed)



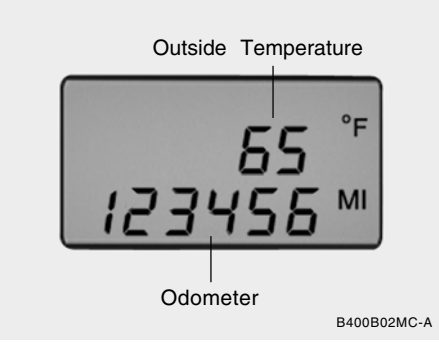
The trip computer is a microcomputer-controlled driver information gauge that displays information related to driving such as outside temperature, tripmeter, average fuel consumption and distance to empty on the LCD.

TRIP Switch

Pushing in the TRIP switch for less than 1 second when the ignition switch is in "ON" position changes the display as follows;



1. Outside Temperature (°F)



This mode indicates the outside temperature between -40°F (-40°C) and 176°F (80°C) .

2. Tripmeter (miles)

- This mode indicates the total distance travelled since the last tripmeter reset. Total distance is also reset to zero if the battery is disconnected.
- Pressing the TRIP switch for more than 1 second when the tripmeter is being displayed clears the tripmeter to zero.
- The meter's working range is from 0 to 999.9 miles (999.9 kms).

3. Average Fuel Consumption (MPG)

- This mode calculates the average fuel consumption from the total fuel used and the distance since the last average consumption reset.
- The total fuel used is calculated from the fuel consumption input.
- Average fuel consumption is reset to zero (--) if the battery is disconnected.
- To reset the average fuel consumption to zero (--), press the TRIP switch for more than 1 second.
- When you drive 0.5 mile (0.5 km) and less after resetting, the average fuel consumption will be displayed to '--'.

4. Distance to Empty (miles)

- This mode indicates the estimated distance to empty from the current fuel level in the fuel tank.
- The trip computer may not register additional fuel if less than 1.36 gallons (6 liters) of fuel are added to the vehicle.

- When the distance to empty is less than 30 miles (50 km), the distance to empty digits (----) will blink until more fuel is added.

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NOTE:

- **The distance to empty can differ from the actual tripmeter according to driving conditions.**
- **The distance to empty can vary according to the driving conditions, driving pattern or vehicle speed.**

MULTI-FUNCTION LIGHT SWITCH

B340A01A-AAT

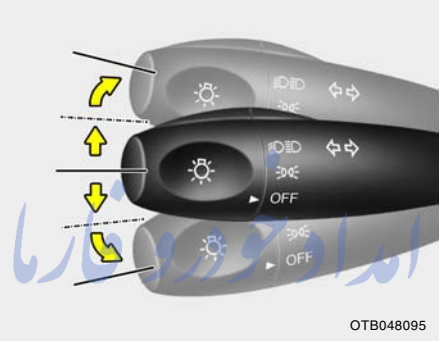
COMBINATION TURN SIGNAL, HEADLIGHT AND LOW-BEAM SWITCH

Turn Signal Operation

Pulling down on the lever causes the turn signals on the left side of the car to blink. Pushing upward on the lever causes the turn signals on the right side of the car to blink. As the turn is completed, the lever will automatically return to the center position and turn off the turn signals at the same time. If either turn signal indicator light blinks more rapidly than usual, goes on but does not blink, or does not go on at all, there is a malfunction in the system. Check for a burned-out fuse or bulb or see your Hyundai dealer.

B340B01A-AAT

Lane Change Signal



OTB048095

To indicate a lane change, move the lever up or down to a point where it begins flashing.
The lever will automatically return to the center position when released.

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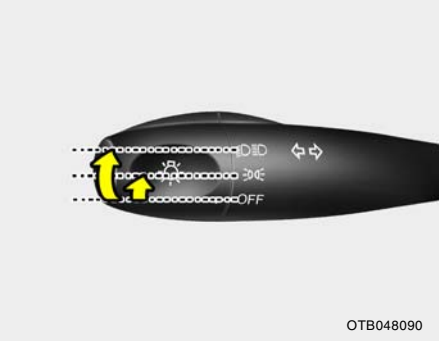
B340C05A-AAT

Headlight Switch



OTB048090

To operate the headlights, turn the barrel on the end of the multi-function switch. The first position turns on the parking lights, side-lights, tail lights and instrument panel lights. The second position turns on the headlights.

NOTE:
The ignition must be in the "ON" position to turn on the headlights.

Parking Light Auto Off

- The purpose of this feature is to prevent the battery from being discharged. The system automatically turns off the headlights and parking lights when the driver removes the ignition key and opens the driver- side door.
- With this feature, the parklight 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, 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.

B340D01A-AAT

High-Beam Switch

To turn on the headlight high beams, push the lever forward (away from you). The High Beam Indicator Light will come on at the same time. For low beams, pull the lever back toward you.

B340E01A-AAT

Headlight Flasher

To flash the headlights, pull the switch lever toward you, then release it. The headlights can be flashed even though the headlight switch is in the "OFF" position.

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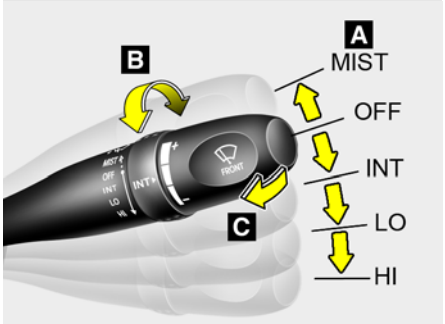
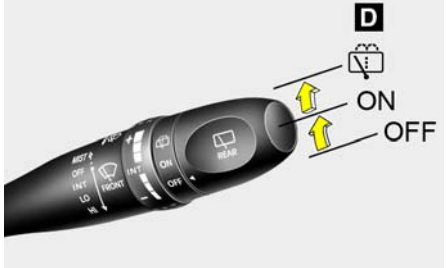
WINDSHIELD WIPER/WASHER SWITCH

Windshield wiper/washer



OMC048901N

Rear window wiper/washer (If Installed)



OMC048907N

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

D : Rear wiper/washer control
- – Wash with brief wipes
- ON – Continuous wipe
- OFF – Off

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B350A01MC-AAT

Windshield Wiper

OMC048902N

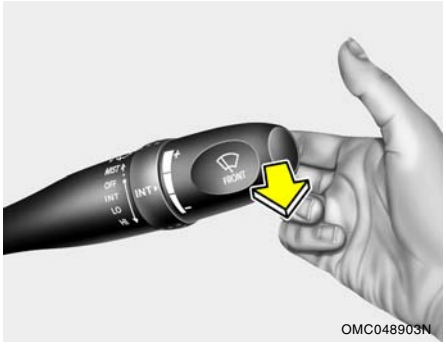
The windshield wiper switch has three positions:

A) Intermittent wiper operation
B) Low-speed operation
C) High-speed operation

NOTE:
To prevent damage to the wiper system, do not attempt to wipe away heavy accumulations of snow or ice. Accumulated snow and ice should be removed manually. If there is only a light layer of snow or ice, operate the heater in the defrost mode to melt the snow or ice before using the wiper.

B350B01A-AAT

Windshield Washer Operation



To use the windshield washer, pull the wiper/washer lever toward the steering wheel.
When the washer lever is operated, the wipers automatically make three passes across the windshield. The washer continues to operate until the lever is released.

NOTE:

- **Do not operate the washer more than 15 seconds at a time or when the fluid reservoir is empty.**
- **In icy or freezing weather, be sure the wiper blades are not frozen to the glass prior to operating the wipers.**
- **In areas where water freezes in winter, use windshield washer antifreeze.**

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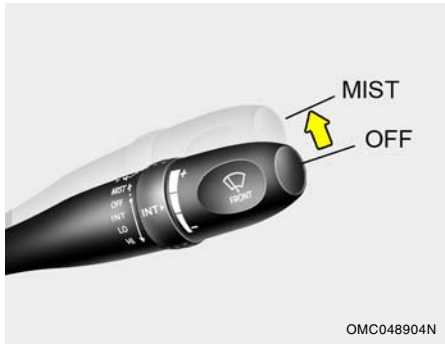
Mist Wiper Operation



If a single wipe is desired in mist, move the windshield wiper and washer control lever up.

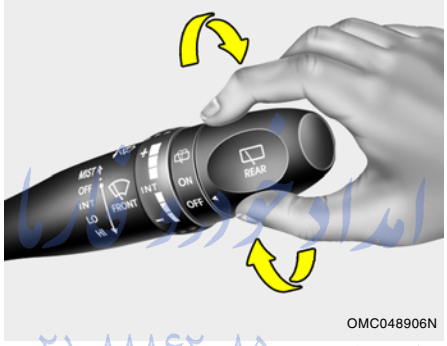
B350C01MC-GAT

Adjustable Intermittent Wiper Operation

To use the intermittent wiper feature, place the wiper switch in the "INT" position. With the switch in this position, the interval between wipes can be varied from approximately 1 to 15 seconds by turning the interval adjuster barrel (1).

B390A01MC-AAT

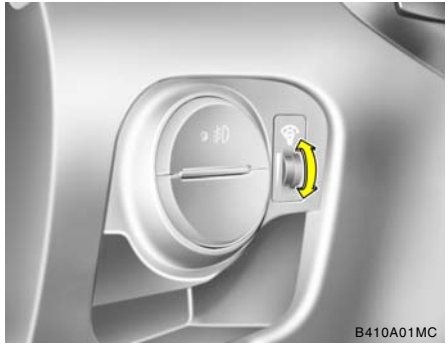
Rear Window Wiper and Washer (If Installed)



1. : The washer fluid will be sprayed onto the rear window and the wiper operates while the rear window wiper barrel is placed in this position.
2. ON : The rear window wiper starts to operate continuously.
3. OFF

INSTRUMENT PANEL LIGHT CONTROL (RHEOSTAT)

B410A01A-AAT



The instrument panel lights can be made brighter or dimmer by turning the instrument panel light control knob.

HAZARD WARNING SYSTEM

B370A01A-AAT

The hazard warning system 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.

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

REAR WINDOW DEFROSTER SWITCH

B380A01MC-AAT

The rear window defroster is turned on by pushing in the switch. To turn the defroster off, push the switch a second time. The rear window defroster automatically turns itself off after about 20 minutes. To restart the defroster cycle, push in the switch again after it has turned itself off.

CAUTION:
Do not clean the inner side of the rear window glass with an abrasive type of glass cleaner or use a scraper to remove foreign deposits from the inner surface of the glass as this may cause damage to the defroster elements.

NOTE:
The engine must be running for the rear window defroster to operate.

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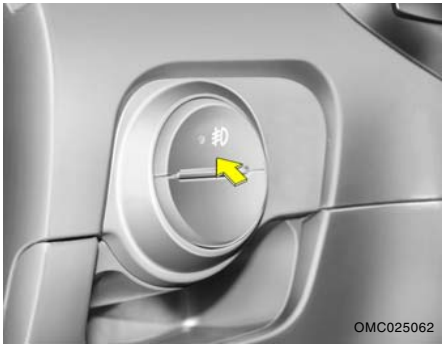
FRONT FOG LIGHT SWITCH

B360A04A-AAT

(If Installed)



To turn on the front fog lights, push the switch. They will light when the headlight switch is in the second position and the key is in the "ON" position.

NOTE:

If you turn on the headlight high beams, the front fog lights will be turned off.

DIGITAL CLOCK

B400A01A-AAT

There are three control buttons for the digital clock. Their functions are:

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HOUR - Push "H" to advance the hour indicated.

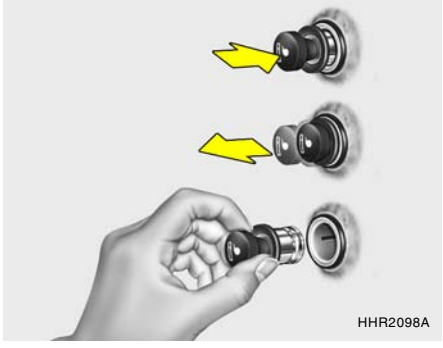
MIN - Push "M" to advance the minute indicated.

RESET - Push "R" to reset minutes to ":00" to facilitate resetting the clock to the correct time. When this is done:

Pressing "R" between 10 : 30 and 11 : 29 changes the readout to 11 : 00. Pressing "R" between 11 : 30 and 12 : 29 changes the readout to 12 : 00.

CIGARETTE LIGHTER

B420A01A-AAT



For the cigarette lighter to work, the key must be in the "ACC" position or the "ON" position.

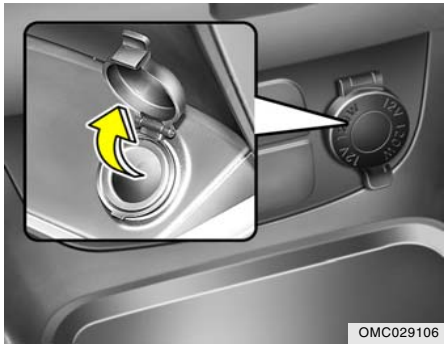
To use the cigarette lighter, push it all the way into its socket. When the element has heated, the lighter will pop out to the "ready" position.

Do not hold the cigarette lighter pressed in. This can damage the heating element and create a fire hazard.

If it is necessary to replace the cigarette lighter, use only a genuine Hyundai replacement or its approved equivalent.

POWER OUTLET

B500D01MC-GAT



These supply 12V electric power to operate electric accessories or equipment only when the key is in the "ON" or "ACC" position.

CAUTION:

- **Only use the power outlet when the engine is running. Unplug the plug from the power outlet when the engine is off if the key will be left in the "ACC" or "ON" (not recommended) positions, to prevent discharging the battery. Using when the engine stops or leaving the electric appliance plugged in for many hours may cause the battery to discharge.**
- **Do not use the power outlet to connect electric accessories or equipment other than those designed to operate on 12 volts.**
- **Some electronic devices can cause electronic interference when plugged into the power outlet. These devices may cause excessive audio noise and malfunctions in other electronic systems or devices used in your vehicle.**

ASHTRAY

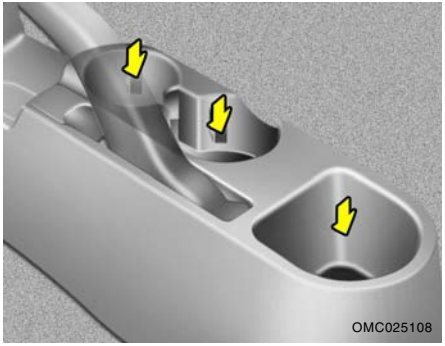
B430A01MC-GAT

To use the ashtray, open the cover. To remove the ashtray to empty or clean it, pull it all the way out.

DRINK HOLDER

B450A02O-AAT

FRONT DRINK HOLDER



The drink holder is located on the main console for holding cups or cans.

WARNING:
- **Use caution when using the drink holders. A spilled beverage that is very hot can injure you or your passengers. Spilled liquids can damage interior trim and electrical components.**
- **Do not place objects other than cups or cans in the drink holder. Objects can be thrown out in the event of a sudden stop or an accident, possibly injuring the passengers in the vehicle.**

B450B01MC-GAT

REAR DRINK HOLDER (If Installed)

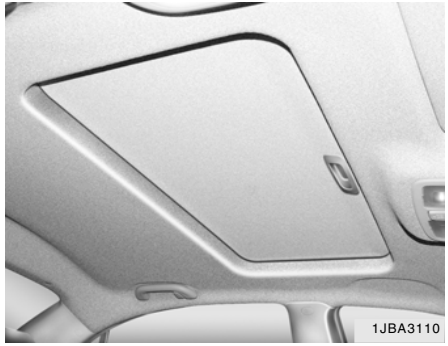
The rear drink holder is located in the rear seat armrest for holding cups or cans. The rear drink holder can be used by pulling the rear seat armrest.

WARNING:
Use caution when using the drink holders. A spilled beverage that is very hot can injure your passengers. Spilled liquids can damage interior trim.

SUNROOF

B460A02Y-AAT

(If Installed) Sun Shade



Your HYUNDAI is equipped with a sliding sunshade which you can manually adjust to let in light with the sunroof closed, or to block sunlight.

WARNING:
Never adjust the sunshade while driving. This could result in loss of control and an accident that may cause death, serious injury, or property damage.

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B460B01MC-GAT

Opening the Sunroof System

OMC025021

If your vehicle is equipped with this feature, you can slide or tilt your sunroof with the sunroof control buttons located on the overhead console.
The sunroof can only be opened, closed, or tilted when the ignition switch is in the "ON" position.

Auto slide open

To use the auto slide feature, press the SLIDE OPEN button on the overhead console for more than 1 second. The sunroof will slide all the way open. To stop the sunroof sliding at any point, press any sunroof control button.

Manual slide open

Press the SLIDE OPEN button on the overhead console for less than 0.5 second.

Manual slide close

To close the sunroof, press the TILT UP button on the overhead console and hold it until the sunroof is closed.

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WARNING:
Be careful that someone's head, hands and body are not trapped by a closing sunroof.

B460C01TG-AAT

Tilting the Sunroof System

OMC025021

Auto tilt up

To use the auto tilt feature, press the TILT UP button on the overhead console for more than 1 second. The sunroof will tilt all the way open. To stop the sunroof tilting at any point, press any sunroof control button.

Manual tilt up

Press the TILT UP button on the overhead console for less than 0.5 second.

Manual tilt down

To close the sunroof, press the SLIDE OPEN button on the overhead console and hold it until the sunroof is closed.

NOTE:
After washing the car or after there is rain, be sure to wipe off any water that is on the sunroof before operating it.

WARNING:
- **Do not close a sunroof if anyone's hands, arms or body are between the sliding glass and the sunroof sash, as this could result in injury.**
- **Do not place your head or arms out of the sunroof opening at any time.**
- **While the vehicle is moving, always keep the head, hands and other parts of the body of all occupants away from the roof opening. Otherwise, you could be seriously injured if the vehicle stops suddenly or if the vehicle is involved in an accident.**

CAUTION:
- **Do not open the sunroof in severely cold temperature or when it is covered with ice or snow.**
- **Periodically remove any dirt that may have accumulated on the guide rails.**
- **Do not press any sunroof control button longer than necessary. Damage to the motor or system components could occur.**

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B460E02TG-GAT

Resetting the sunroof

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

1. Turn the ignition key to the "ON" position.
2. Press the TILT UP button for more than 1 second to tilt up the sunroof completely when the sunroof is fully closed. Then, release the button.
3. Press and hold the TILT UP button once again until the sunroof has returned to the original position of TILT UP after it is raised a little higher than the maximum TILT UP position. Then, release the button.
4. Press and hold the TILT UP button within 5 seconds until the sunroof is operated as follows;

   TILT DOWN → SLIDE OPEN → SLIDE CLOSE

   Then, release the button.

CAUTION:
If the sunroof is not reset, it may not operate properly.

INTERIOR LIGHT

B480A02MC-GAT

Map Light (If Installed)

The two map light switches are located on both sides of the front overhead console. Push in the map light switch to turn the light on or off. This light produces a spot beam for convenient use as a map light at night or as a personal light for the driver and the passenger.

o "DOOR" (If Installed)

In the "DOOR" position, the map light comes on when any door is opened regardless of the ignition key position and the light goes out after approximately 20 minutes even though the door is open. The light goes out gradually after 30 seconds if the door is closed. However if the ignition switch is ON or all doors are locked, map light will turn off even within 30 seconds.

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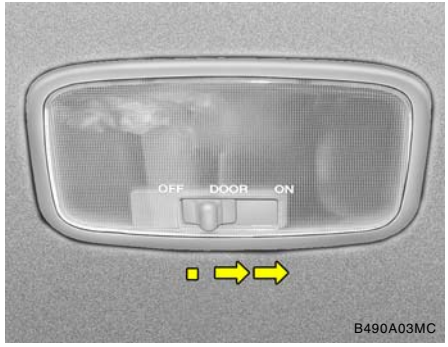
B490A02MC-AAT

Interior Light



The interior courtesy light switch has three positions. The three positions are:

o "DOOR"

In the "DOOR" position, the interior courtesy light comes on when any door is opened regardless of the ignition key position and the light goes out after approximately 20 minutes even though the door is open. The light goes out gradually after 30 seconds if the door is closed. However if the ignition switch is ON or all doors are locked, interior light will turn off even within 30 seconds.

o **"ON"**
In the "ON" position, the light stays on at all times.

CAUTION:
Do not leave the switch in this position for an extended period of time when the vehicle is not running.

o **"OFF"**
In the "OFF" position, the light stays off at all times even though a door is open.

SUNGLASS HOLDER

B491A03O-AAT

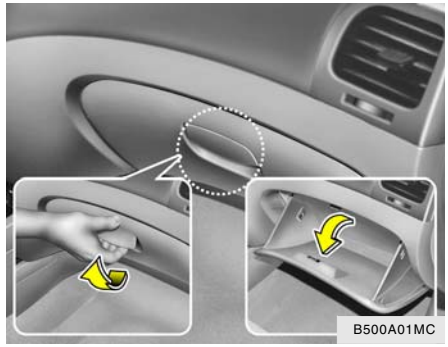
(If Installed)

The sunglass holder is located on the front overhead console. Push the end of the cover to open the sunglass holder.

WARNING:
- **Do not keep objects except sunglass 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.**

GLOVE BOX

B500A01A-AAT

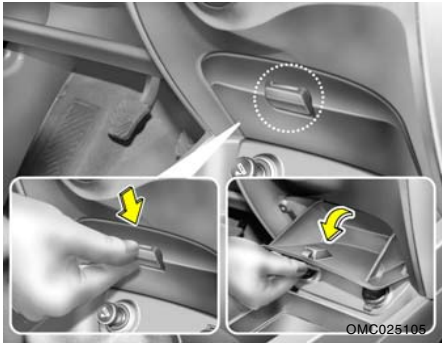


WARNING:
To avoid the possibility of injury in case of an accident or a sudden stop, the glove box door should be kept closed when the car is in motion.

o To open the glove box, pull on the glove box release lever.

MULTI BOX

B500B01MC-GAT

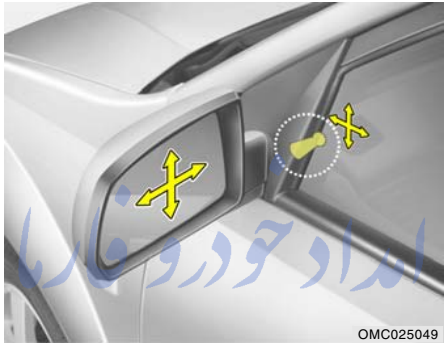


The multi box is opened by pushing the knob downward.

OUTSIDE REARVIEW MIRROR

B510A01A-AAT

Manual Type



The outside rearview mirrors are equipped with a remote control for your convenience. It is operated by the control lever in the bottom front corner of the window.

Before driving away, always check that your mirrors are positioned so you can see behind you, both to the left and right sides, as well as directly behind your vehicle. When using the mirror, always exercise caution when attempting to judge the distance of vehicles behind or along side of you.

CAUTION:

If the mirror control is jammed with ice, do not attempt to break it free using the control handle or by manipulating the face of the mirror. 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.

B510B01Y-AAT

Electric Type (If Installed)

The outside rearview mirrors can be adjusted to your preferred rear vision, both directly behind the vehicle, and to the rear of the left and right sides.
The remote control outside rearview mirror switch controls the adjustments for both right and left outside mirrors.

To adjust the position of either mirror:

1. Move the selecting switch to the right or left to activate the adjustable mechanism for the corresponding door mirror.
2. Adjust mirror angle by depressing the appropriate directional switch as illustrated.

CAUTION:

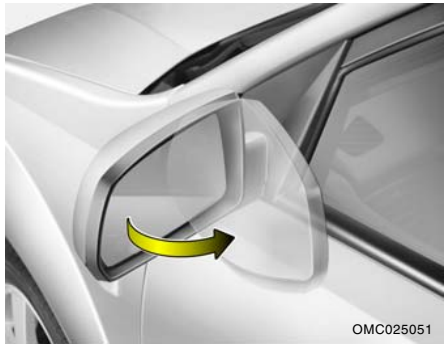
- **Do not operate the switch continuously for an unnecessary length of time.**
- **Scraping ice from the mirror face could cause permanent damage. To remove any ice, use a sponge, soft cloth or approved de-icer.**

WARNING:

Be careful when judging the size or distance of any object seen in the passenger side rearview mirror. It is a convex mirror with a curved surface. Any objects seen in this mirror are closer than they appear.

B510C01A-AAT

Folding the Outside Rearview Mirrors



To fold the outside rearview mirrors, push them towards the rear. To unfold the outside rear view mirrors, push them toward the front.
The outside rearview mirrors can be folded rearward for parking in restricted areas.

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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 causing death, serious injury or property damage.

DAY/NIGHT INSIDE REAR-VIEW MIRROR

B520A01A-AAT

Your Hyundai is equipped with a day/night inside rearview mirror. The "night" position is selected by flipping the tab at the bottom of the mirror toward you. In the "night" position, the glare of headlights of cars behind you is reduced.

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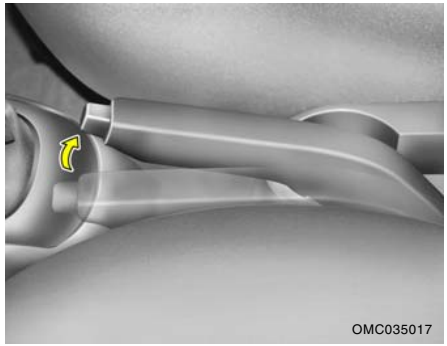
PARKING BRAKE

B530A03A-AAT



Always engage the parking brake before leaving the car. This also turns on the parking brake indicator light when the key is in the "ON" or "START" position. Before driving away, be sure that the parking brake is fully released and the indicator light is off.

Applying the parking brake

To engage the parking brake, first apply the foot brake and then without pressing the release button in, pull the parking brake lever up as far as possible. In addition it is recommended that when parking the vehicle on a gradient, the shift lever should be positioned in the appropriate low gear on manual transaxle vehicles or in the P (Park) position on automatic transaxle vehicles.

CAUTION:
Driving with the parking brake applied will cause excessive brake pad (or lining) and brake rotor wear.

Releasing the parking brake

To release the parking brake, first apply the foot brake and pull the praking brake lever slightly. Secondly, depress the release button and lower the parking brake lever while holding the button.

WARNING:
Whenever leaving vehicle or parking always set the parking brake as far as possible and fully engage the vehicle's transaxle into the park position. Vehicles not fully engaged in park with the parking brake set are at risk for moving inadvertently and injuring yourself or others.

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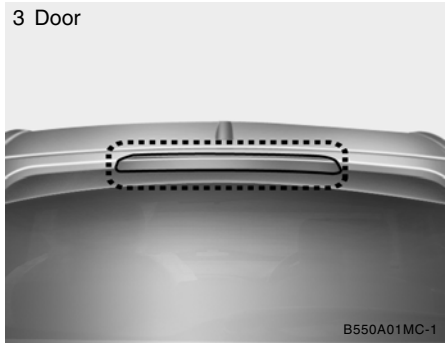
HIGH-MOUNTED REAR STOP LIGHT

B550A01S-GAT

4 Door

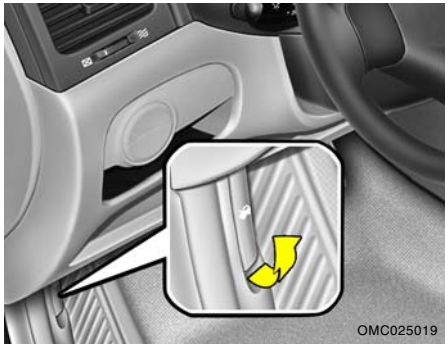
3 Door



In addition to the lower-mounted rear stop lights on either side of the car, the high mounted rear stop light in the center of the rear window or inserted in the rear spoiler also lights when the brakes are applied.

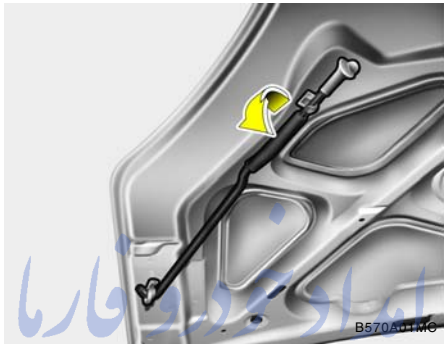
HOOD RELEASE

B570A01MC-GAT

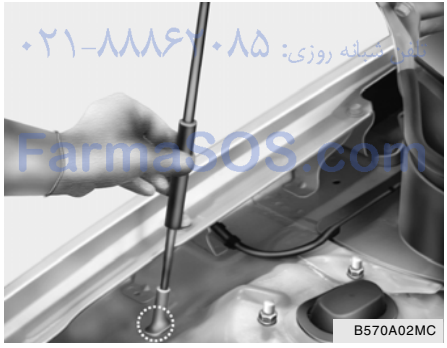


1. Pull the release knob to unlatch the hood.

2. Pull the secondary latch lever up and lift the hood.



3. Pull the support rod from the hood.



4. Hold the hood open with the support rod.

Before closing the hood, return the support rod to its clip to prevent it from rattling. Lower the hood until it is about 1 ft. (30 cm) above the closed position and let it drop. Make sure that it locks into place.

CAUTION:
Make sure that the support rod has been released prior to closing the hood.

WARNING:

- **Always double check to be sure that the hood is firmly latched before driving away. If it is not latched, the hood could fly open while the vehicle is being driven, causing a total loss of visibility, which might result in an accident.**
- **The support rod must be inserted completely into the hole provided in the hood whenever you inspect the engine compartment. This will prevent the hood from falling and possibly injuring you.**
- **Do not move the vehicle with the hood in the raised position, as vision is obstructed and the hood could fall or be damaged.**

REMOTE FUEL-FILLER LID RELEASE

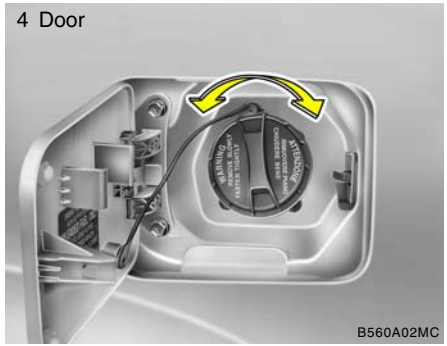
B560A02MC-AAT

The fuel-filler lid must be opened from inside the vehicle by pulling up on the fuel-filler lid opener located on the front floor area on the left side of the car.

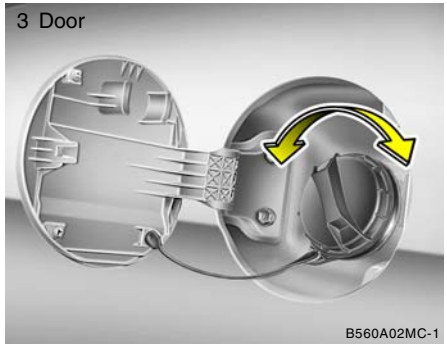
NOTE:

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.

4 Door



3 Door



WARNING:

- Gasoline vapors are dangerous. Before refueling, always stop the engine and never smoke or allow sparks and open flames near the filler area.
- Never operate your vehicle without a filler cap properly installed, flammable vapors and gasoline could leak out in dangerous situations such as a collision or rollover. If the filler cap must be replaced, only use genuine Hyundai replacement parts.
- After refueling, make sure the fuel cap is installed securely to prevent fuel spillage in the event of an accident.
- Tighten the cap until it clicks, otherwise the "CHECK FUEL CAP" light will illuminate.
- If you open the fuel filler cap during high ambient temperatures, a slight "pressure sound" may be heard. This is normal and not a cause for concern. Whenever you open the fuel filler cap, turn it slowly.
- Do not "top off" after the nozzle automatically shuts off when refueling.

WARNING:

- Automotive fuels are flammable/explosive 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.
  - Before refueling always note the location of the Emergency Gasoline Shut-Off, if available, at the gas station facility.
  - Before touching the fuel nozzle or fuel filler cap, you should eliminate potentially dangerous static electricity discharge by touching another metal part of the front of the vehicle, a safe distance away from the fuel filler neck, nozzle, or other gas source.
  - Do not get back into a vehicle once you have begun refueling. Do not touch, rub or slide against any item or fabric (polyester, satin, nylon, etc.) capable of producing static electricity. Static electricity discharge can ignite fuel vapors resulting in explosion.

WARNING:

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.

- When using a 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 portable fuel containers designed to carry and store gasoline.
- Do not use cellular phones around a gas station or while refueling any vehicle. Electric current and/or electronic interference from cellular phones can potentially ignite fuel vapors causing a fire. If you must use your cellular phone use it in a place away from the gas station.

TRUNK LID/TAIL GATE

WARNING:

- **When refueling always shut the engine off. Sparks produced by electrical components related to the engine can ignite fuel vapors causing a fire. Always insure that the engine is OFF before and during refueling. Once refueling is complete, check to make sure the fuel filler cap and door are securely closed, before starting the engine.**
- **Do not light any fire around a gas station. 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 explosion by flames.**
- **If a fire breaks out during refueling, leave the vicinity of the vehicle, and immediately contact the manager of the gas station or contact the police and local fire department. Follow any safety instructions they provide.**

B540A01MC-GAT

WARNING:

The trunk lid or the tail gate should always be kept completely closed while the vehicle is in motion. If it is left open or ajar, poisonous exhaust gases may enter the car resulting in serious illness or death to the occupants. See additional warnings concerning exhaust gases on page 2-2.

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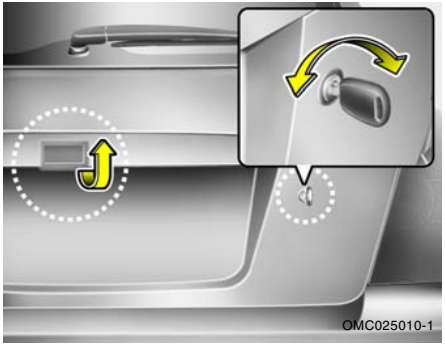
Trunk Lid (4 Door)

- The trunk lid is opened by first turning the key clockwise to release the lock, then raising the door manually.
- To close, lower the trunk lid, then press down on it until it locks. To be sure the trunk lid is securely fastened, try to pull it up again.

Tail Gate (3 Door)



- To open the tail gate, unlock it by turning the key clockwise, then pull the outside handle toward you.
- To close, lower the tail gate and shut firmly to engage the latch. Lock the tail gate by turning the key counterclockwise.
- If the vehicle is equipped with central door locking, the tail gate can be locked without a key. Push the front portion of the central door locking switch after closing the tail gate.
- If the tail gate is open when the front portion of the central door locking switch is pushed, the tail gate will be locked when it is fully closed.

B540D01MC-GAT

Remote Trunk Lid Release (4 Door) (If Installed)

To open the trunk lid without using the key, pull up the lid release lever.
To close, lower the trunk lid, then press down on it until it locks. To be sure the trunk lid is securely fastened, check by trying to pull it up again.

WARNING:
The trunk lid should always be kept completely closed while the vehicle is in motion. If it is left open or ajar, exhaust gases may enter the car and serious illness may result.

B540B02MC-AAT

Trunk Lid Emergency Latch Release (4 Door)

Your vehicle is equipped with a glow-in-the dark emergency trunk release lever located inside the trunk. It will glow after the trunk is closed. When pulled, this lever will release the trunk latch mechanism and open the trunk.

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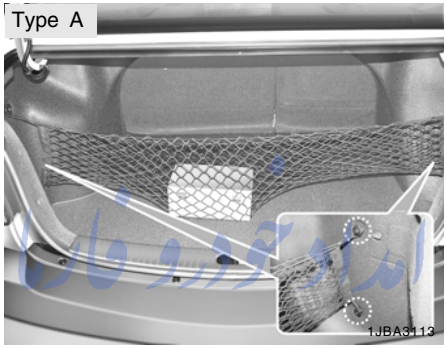
LUGGAGE NET

WARNING:
- **If a person becomes locked in the trunk, pull the emergency trunk release lever of the inside panel in the trunk to open the trunk lid.**
- **Keep cars locked and keys out of the reach of children. HYUNDAI recommends parents teach children about the emergency trunk release lever in their vehicle and how to open the trunk lid if they are accidentally locked in the trunk.**

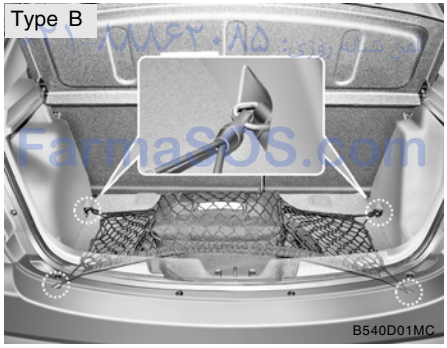
B540D02O-AAT

(If Installed)

Type A



Type B



When loading the objects in the luggage compartment, use the four rings located in the luggage compartment to attach the luggage net as shown illustration. This will help prevent the objects from sliding.

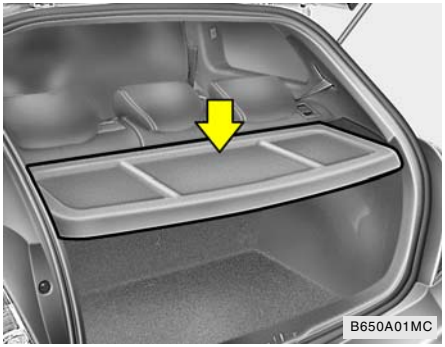
CAUTION:
To prevent damage to the goods or the vehicle, care should be taken when carrying fragile or bulky objects in the luggage compartment.

WARNING:
Avoid eye injury. DO NOT overstretch the luggage net. ALWAYS keep your face and body out of its recoil path. DO NOT use when the luggage net straps have visible signs of wear or damage.

CARGO AREA COVER

B650A01A-GAT

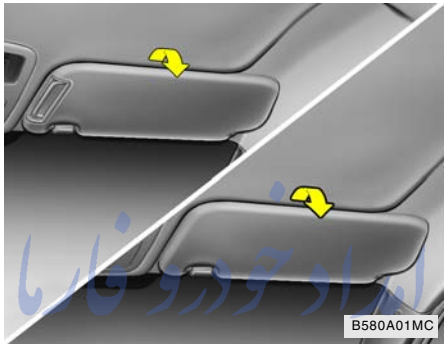
(3 Door)



Nothing should be carried on top of the luggage cover. Loose materials could result in injury to vehicle occupants during sudden braking.

SUN VISOR

B580A02MC-AAT



Your Hyundai is equipped with sun visors to give the driver and front passenger either frontal or sideward shade. To reduce glare or to shut out direct rays of the sun, turn the sun visor down.

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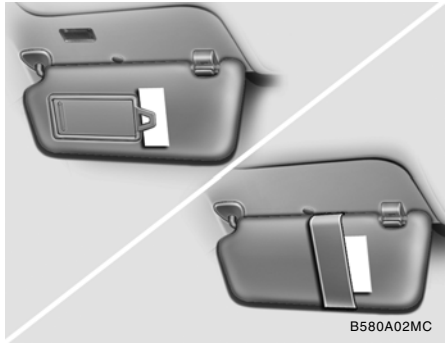


Ticket holders and vanity mirrors are provided on the back of the sun visor for the driver and the front passenger (If Installed).

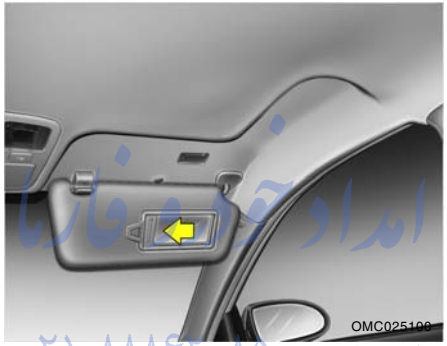
NOTE:
The Supplemental Restraint System (SRS) label containing useful information can be found on the topside of sun visor.

WARNING:

- **Do not place the sun visor in such a manner that it obscures visibility of the roadway, traffic or other objects.**
- **Do not move the sun visor out to cover the side window if there is an item attended to it such as a garage door remote control, pens, air fresheners or the like. These objects could cause injury if the curtain airbag is deployed.**

B500B01B-GAT

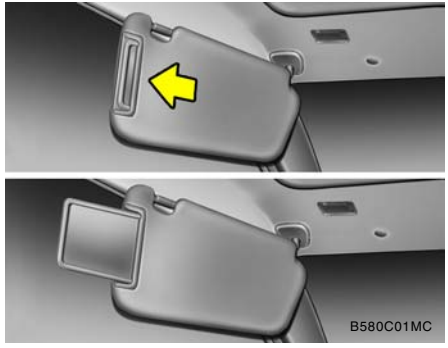
Illuminated Vanity Mirror (If Installed)



Opening the lid of the vanity mirror will automatically turn on the mirror light.

B580C01JM-AAT

Sun Visor Extender (If Installed)



Your vehicle is equipped with sun visor extenders that may be used when the visor is in the side glass position.

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STEERING WHEEL TILT LEVER

B600A01A-AAT

(If Installed)

To Adjust the Steering Wheel:

1. Push the lever downward to unlock.
2. Raise or lower the steering wheel to the desired position.
3. After adjustment, securely tighten the lever by pulling it upward.

WARNING:
Do not attempt to adjust the steering wheel while driving as this may result in loss of control of the vehicle which may cause serious injury or death.

HORN

B610B01L-GAT

Press the pad on the steering wheel to sound the horn.

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CRUISE CONTROL SYSTEM

E090000AMC

(If Installed)

The cruise control system allows you to program the vehicle to maintain a constant speed without resting your foot on the accelerator pedal.
This system is designed to function above approximately 25 mph (40 km/h).

WARNING:

- **If the cruise control is left on, (CRUISE indicator light in the instrument cluster illuminated) the cruise control can be switched on accidentally. Keep the cruise control system off (CRUISE indicator light OFF) when the cruise control is not in use, to avoid inadvertently setting a speed.**
- **Use the cruise control system only when traveling on open highways in good weather.**
- **Do not use the cruise control when it may not be safe to keep the car at a constant speed, for instance, driving in heavy or varying traffic, or on slippery (rainy, icy or snow-covered) or winding roads or over 6% up-hill or down-hill roads.**

WARNING:
- o **Pay particular attention to the driving conditions whenever using the cruise control system.**
- o **Be careful when driving downhill using the cruise control system, which may increase the vehicle speed.**

CAUTION:
During cruise-speed driving of a manual transaxle vehicle, do not shift into neutral without depressing the clutch pedal, since the engine will be overrevved. If this happens, depress the clutch pedal or release the cruise control ON/OFF switch.

NOTE:
During normal cruise control operation, when the -/SET switch is activated or reactivated after applying the brakes, the cruise control will energize after approximately 3 seconds. This delay is normal.

E090100AMC

To set cruise control speed:

OMC039300

1. Push the CRUISE ON-OFF button on the steering wheel to turn the system on. The CRUISE indicator light in the instrument cluster will illuminate.
2. Accelerate to the desired speed, which must be more than 25 mph (40 km/h).

OMC039301

3. Push the -/SET switch, and release it at the desired speed. The SET indicator light in the instrument cluster will illuminate. Release the accelerator at the same time. The desired speed will automatically be maintained.

On a steep grade, the vehicle may slow down or speed up slightly while going downhill.

NOTE:
On steeper hills, with a Manual Transaxle, the cruise control may be unable to maintain the set speed. The driver should downshift as necessary. Press the "RES/+" button to resume the cruise control at the set speed in the new gear. After cresting the hill, upshift, and press the "RES/+" again. If the speed drops ~ 9 mph below the set speed, the cruise control will cancel. If it cancels, shift to the appropriate gear, and press the "RES/+" to resume the cruse control.

E090200AMC

To increase cruise control set speed:

OMC039302

Follow either of these procedures:

- Push the RES/+ switch and hold it. Your vehicle will accelerate. Release the switch at the speed you want.
- Push the RES/+ switch and release it immediately. The cruising speed will increase by 1 mph (1.6 km/h) each time the RES/+ switch is operated in this manner.

E090300AMC

To decrease the cruising speed:

OMC039301

Follow either of these procedures:

- Push the -/SET switch and hold it. Your vehicle will gradually slow down. Release the switch at the speed you want to maintain.
- Push the -/SET switch and release it immediately. The cruising speed will decrease by 1 mph (1.6 km/h) each time the -/SET switch is operated in this manner.

E090400AUN

To temporarily accelerate with the cruise control on:

If you want to speed up temporarily when the cruise control is on, depress the accelerator pedal. Increased speed will not interfere with cruise control operation or change the set speed.
To return to the set speed, take your foot off the accelerator.

E090500AMC

To cancel cruise control, do one of the following:

OMC039303

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- o Press the brake pedal.
- o Press the clutch pedal with a manual transaxle.
- o Shift into N (Neutral) with an automatic transaxle.
- o Press the CANCEL switch located on the steering wheel.
- o Decrease the vehicle speed lower than the memory speed by 9 mph (15 km/h).
- o Decrease the vehicle speed to less than approximately 25 mph (40 km/h).

Each of these actions will cancel cruise control operation (the SET indicator light in the instrument cluster will go off), but it will not turn the system off. If you wish to resume cruise control operation, push the RES/+ switch located on your steering wheel. You will return to your previously preset speed.

E090600AMC

To resume cruising speed at more than approximately 25 mph (40 km/h):

If any method other than the CRUISE ON-OFF switch was used to cancel cruising speed and the system is still activated, the most recent set speed will automatically resume when the RES/+ switch is pushed.
It will not resume, however, if the vehicle speed has dropped below approximately 25 mph (40 km/h).

E090700AUN

To turn cruise control off, do one of the following:

- Push the CRUISE ON-OFF button (the CRUISE indicator light in the instrument cluster will go off).
- Turn the ignition off.

Both of these actions cancel cruise control operation. If you want to resume cruise control operation, repeat the steps provided in “To set cruise control speed” on the previous page.

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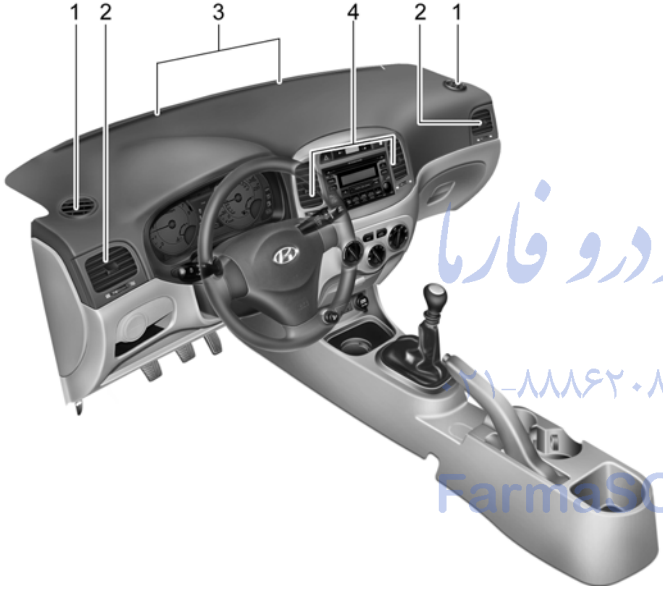
(If Installed)

You can use an aux outlet to connect an audio device.

NOTE:
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.

B710A01TB-GAT

(If Installed)



1. Side Defroster Nozzle
2. Side Ventilator
3. Windshield Defroster Nozzle
4. Center Ventilator

B710A01MC

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B710B01MC-AAT

Center Ventilator/Side Ventilator

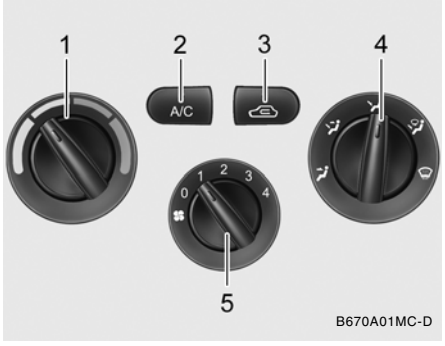
The center ventilators are located in the middle of the dashboard. The side ventilators are located on each side of dashboard. To change the direction of the air flow, move the knob in the center of the vent up-and-down and side-to-side.

The vents are opened when the vent knob is moved to " ≋ " position. The vents are closed when the vent knob is moved to " ⊠ ". Keep these vents clear of any obstructions.

HEATING AND VENTILATION

B670A02A-GAT

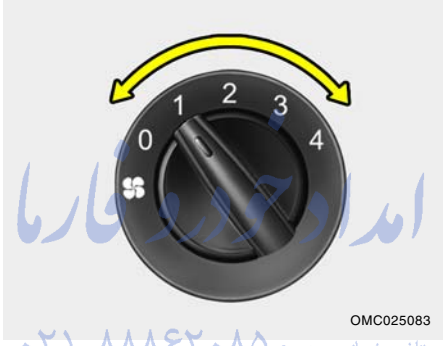
(If Installed)



1. Temperature control
2. Air conditioning switch (If Installed)
3. Air intake control switch
4. Air flow control
5. Fan speed control

B670B01A-AAT

Fan Speed Control (Blower Control)



This is used to turn the blower fan on or off and to select the fan speed.
This blower fan speed, and therefore the volume of air delivered from the system, may be controlled manually by setting the blower control between the "1" and "4" positions.

B670C03A-AAT

Air Intake Control

This is used to select fresh outside air or recirculating inside air.

Fresh
Recirculation

With the "Fresh" mode selected, air enters the vehicle from outside and is heated or cooled according to the other functions selected.
With the "Recirculation" mode selected, air from within the passenger compartment is drawn through the heating system and heated or cooled according to the other functions selected.

NOTE:
It should be noted that prolonged operation of the intake air system in "" mode will give rise to misting of the windshield and side windows and the air within the passenger compartment will become stale. In addition prolonged use of the air conditioning with the "" mode selected may result in the air within the passenger compartment becoming excessively dry.

B670D03MC-AAT

Air Flow Control

This is used to direct the flow of air. Air can be directed to the floor, instrument panel outlets, or windshield. Five symbols are used to represent Face, Bi-Level, Floor, Floor-Defrost and Defrost air position.

Face-Level

Selecting the "Face" mode will cause air to be discharged through the face level vents.

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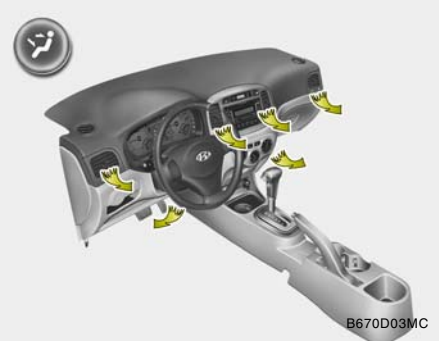
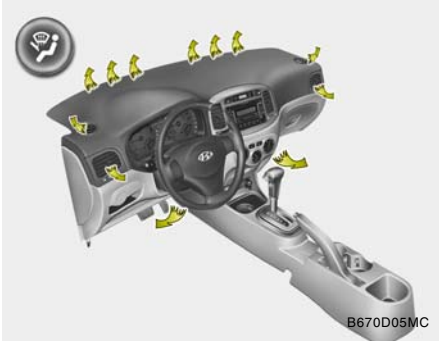


Bi-Level

Air is discharged through the face vents and the floor vents.

Floor-Level

Air is discharged through the floor vents, windshield defroster nozzle, side defroster nozzle and side ventilator.



Floor-Defrost Level

Air is discharged through the windshield defroster nozzle, the floor vents, side defroster nozzle and side ventilator.
In vehicles equipped with A/C, the A/C will automatically be turned on in the "Floor Defrost" mode.

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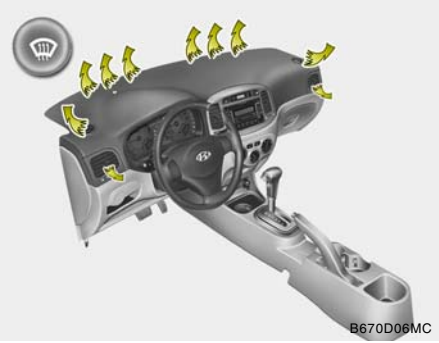
B670D06MC

Defrost-Level

Air is discharged through the windshield defroster nozzle, side defroster nozzle, side ventilator.
In vehicles equipped with A/C, the A/C will automatically be turned on in the "Defrost" mode.

NOTE:
In vehicles equipped with A/C, when "Floor-Defrost" or "Defrost" modes are selected, the A/C is automatically turned on to help dry the air. Pushing the A/C button will not turn off the A/C.

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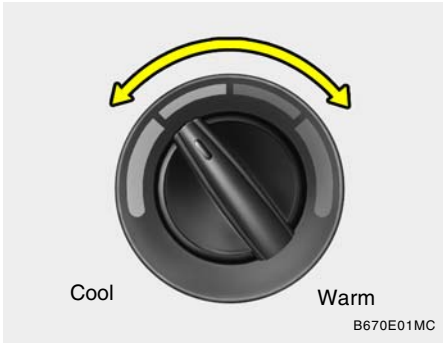
B670E02A-AAT

Temperature Control



B670E01MC

This control is used to adjust the degree of heating or cooling desired.

HEATING CONTROLS

B690A02A-AAT

For normal heating operation, set the air intake control to the fresh air ( ) position and the air flow control to the floor ( ) position.
For faster heating, the air intake control should be set in the recirculate ( ) position.
If the windows fog up, set the air flow control to the defrost ( ) position (The air conditioning will be turned on automatically.) and the air intake control to the fresh air ( ) position.
For maximum heat, move the temperature control to "Warm".

BI-LEVEL HEATING

B700A02A-AAT

Your Hyundai is equipped with bi-level heating controls. This makes it possible to have cooler air from the dashboard vents and warmer air from the floor outlets at the same time. To use this feature:

- Set the air intake control to the fresh air ( ) position.
- Set the air flow control at the bi-level ( ) position.
- Adjust the fan speed control to the desired speed.
- Set the temperature control between "Cool" and "Warm".

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VENTILATION

B710A01A-AAT

To operate the ventilation system:

- Set the air intake control to "Fresh" mode ( ).
- To direct all intake air to the dashboard vents, set the air flow control to the ( ) position.
- Adjust the fan speed control to the desired speed.
- Set the temperature control between "Cool" and "Warm".

DEFROSTING/DEFOGGING

B720A01MC-AAT

B720A01MC-D

Use the heating/ventilation system to defrost or defog the windshield:

To remove interior fog on the windshield:

- o Set the air flow control to the defrost ( ) position (The A/C will turn on automatically.) and the air intake control to the fresh air ( ) position.
- o Set the temperature control to the desired position.
- o Set the fan speed control between "1" and "4" position.

B720A02MC-D

To remove the frost or exterior fog on the windshield:

- o Set the air flow control to the defrost ( ) position (The A/C will turn on automatically.) and the air intake control to the fresh air ( ) position.
- o Set the temperature control to warm.
- o Set the fan speed control to position "3" or "4".

NOTE:
When the A/C is operated continuously on the floor-defrost level ( ) or defrost level ( ), it may cause fog to form on the exterior windshield. If this occurs, set the air flow control to the face level position ( ) and fan speed control to the low position.

B730A01L-AAT

Operation Tips

- To keep dust or unpleasant fumes from entering the car through the ventilation system, temporarily set the air intake control at the ( ) position. Be sure to return the control to the ( ) 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, fan speed to the desired position, turn on the air conditioning system, and adjust temperature control to desired temperature.

B740A01A-AAT

(If Installed) Air Conditioning Switch

B740A01MC-D

The air conditioning is turned on by pushing the A/C button on the heating/air conditioning control panel.

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B740B02A-AAT

Air Conditioning Operation (Cooling)

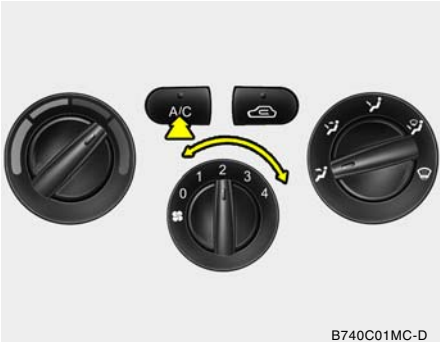
B740B01MC-D

To use the air conditioning to cool the interior:

- Turn on the fan control switch.
- Turn on the air conditioning switch by pushing in on the switch.
  The air conditioning indicator light should come on at the same time.
- Set the temperature control to "Cool". ("Cool" provides maximum cooling. The temperature may be moderated by moving the control toward "Warm".)
- Adjust the fan control to the desired speed. For greater cooling, turn the fan control to one of the higher speeds or temporarily select the ( )position on the air intake control.

B740C01MC-AAT

De-Humidified Heating



For dehumidified heating:

- o Turn on the fan control switch.
- o Push the air conditioning switch. The air conditioning indicator light should come on at the same time.
- o Set the air intake control switch to the fresh air ( ) position.
- o Adjust the fan control to the desired speed.
- o For more rapid action, set the fan at one of the higher speeds.
- o Adjust the temperature control to provide the desired amount of warmth.

B740D01A-AAT

Operation Tips

- o If the interior of the car is hot when you first get in, open the windows for a few minutes to expel the hot air.
- o When you are using the air conditioning system, keep all windows closed to keep hot air out.
- o When moving slowly, as in heavy traffic, shift to a lower gear.
  This increases engine speed, which in turn increases the speed of the air conditioning compressor.
- o On steep grades, turn the air conditioning off to avoid the possibility of the engine overheating.
- o During winter months or in periods when the air conditioning is not used regularly, run the air conditioning once every month for a few minutes.
  This will help circulate the lubricants and keep your system in peak operating condition.

B720A01MC-AAT

DEFROSTING/DEFOGGING

OMC029102

OMC029103

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Use the heating/ventilation system to defrost or defog the windshield:

To remove interior fog on the windshield;

- o Set the air flow control to the defrost ( ) position (The A/C will turn on automatically.) and the air intake control to the fresh air ( ) position.
- o Set the temperature control to the desired position.
- o Set the fan speed control between "1" and "4" position.

To remove frost or exterior fog on the windshield;

- o Set the air flow control to the defrost ( ) position (The A/C will turn on automatically.) and the air intake control to the fresh air ( ) position.
- o Set the temperature control to warm.
- o Set the fan speed control to position "3" or "4".

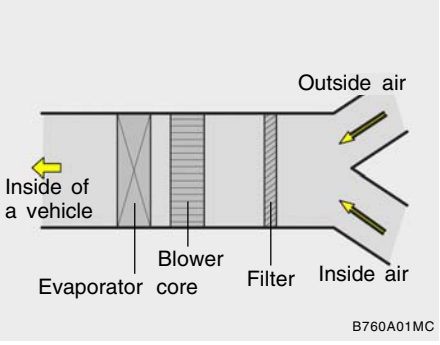
NOTE:

When the A/C is operated continuously on the floor-defrost level ( ) or defrost level ( ), it may cause fog to form on the exterior windshield. If this occurs, set the air flow control to the face level position ( ) and fan speed control to the low position.

CLIMATE CONTROL AIR FILTER

B760A07A-AAT

(For evaporator and blow unit)



The climate control air filter is located in front of the evaporator unit behind the glove box.
It operates to decrease the amount of pollutants entering the car.
To replace the climate control air filter, refer to the page 6-15.

CAUTION:

- **Replace the filter every 10,000 miles (15,000 km) or once a year. If the car 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 is decreased, the system should be checked at an authorized dealer.**

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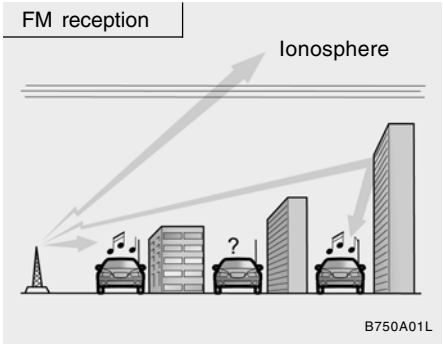
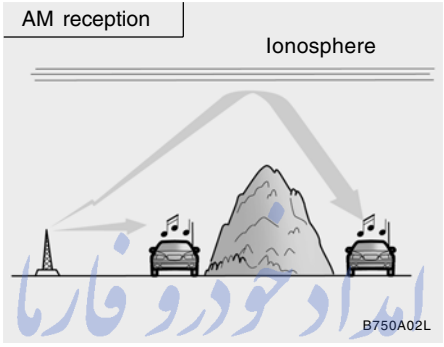
B750A02A-AAT

How Car Audio Works

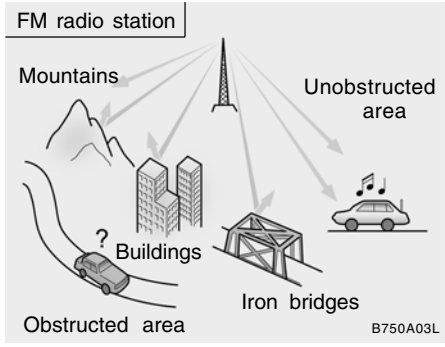


AM and FM radio signals are broadcast from transmitter towers located around your city. They are intercepted by the radio antenna on your car. This signal is then received by the radio and sent to your car speakers.

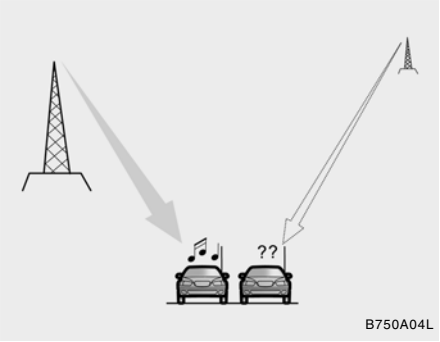
When a strong radio signal has reached your vehicle, the precise engineering of your audio system ensures the best possible quality reproduction. However, in some cases the signal coming to your vehicle may not be strong and clear. This can be due to factors such as the distance from the radio station, closeness of other strong radio stations or the presence of buildings, bridges or other large obstructions in the area.



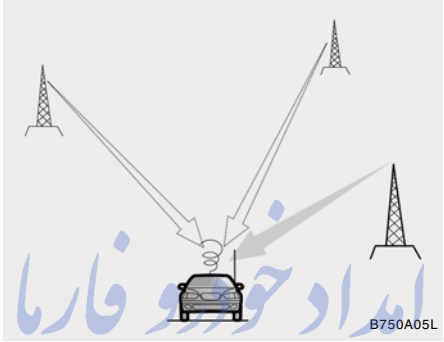
AM broadcasts can be received at greater distances than FM broadcasts. This is because AM radio waves are transmitted at low frequencies. These long, low frequency radio waves can follow the curvature of the earth rather than travelling straight out into the atmosphere. In addition, they curve around obstructions so that they can provide 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 at short distances from the station. Also, FM signals are easily affected by buildings, mountains, or other obstructions. These can result in certain 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:



o Fading - As your car 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.
o 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.



o 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.
o 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.

B750B05Y-AAT

Using a cellular phone or a two-way radio

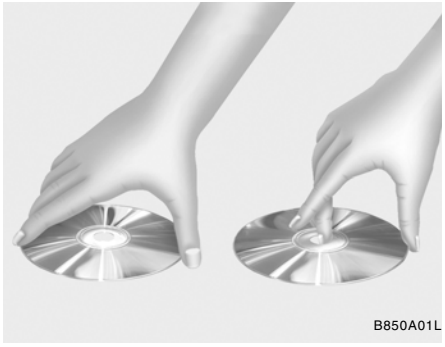
When a cellular phone is used inside the vehicle, noise may be produced from the audio equipment. This does not mean that something is wrong with the audio equipment. In such a case, use the cellular phone at a place as far as possible from the audio equipment.

WARNING:
Hyundai recommends that you never use a cell phone while driving. This could result in loss of control, and an accident that may cause death, serious injury, or property damage. You must stop at a safe place to use a cellular phone.

NOTE:
Some states and cities have regulations prohibiting the use of cell phones while driving. You should be aware of the specific requirements in your area.

B850A02F-AAT

Proper Handling



Handle your disc as shown. Do not drop the disc. Hold the disc so you will not leave fingerprints on the surface. If the surface is scratched, it may cause the pickup to skip signal tracks. Do not affix tape, paper, or gummed labels on the disc. Do not write on the disc.

Damaged Disc

Do not attempt to play damaged, warped or cracked discs. These could severely damage the playback mechanism.

Storage

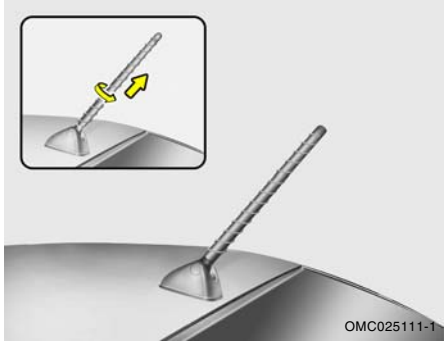
When not in use, place your discs in their individual cases and store them in a cool place away from the sun, heat, and dust. Do not grip or pull out the disc with your hand while the disc is being pulled into the unit by the self loading mechanism.

Keep Your Discs Clean

Fingerprints, dust, or soil on the surface of a disc could cause the pickup to skip signal tracks. Wipe the surface clean with a clean soft cloth.
If the surface is heavily soiled, dampen a clean soft cloth in a solution of mild neutral detergent to wipe it clean.

B870D02MC-AAT

MICRO ANTENNA



Your car uses the micro antenna to receive AM, FM and Satellite Radio broadcast signals. This antenna is removable.

CAUTION:

- **Before entering an automatic car wash, remove by turning the antenna counterclockwise to prevent damage to the micro antenna. To install the antenna, turn the antenna clockwise.**
- **Be sure to remove the micro antenna before entering a garage with a low height or installing a car cover.**

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PA710A01MC-AAT

RADIO, SETUP, VOLUME CONTROL (PA710) (If Installed)

1. AM Selection Button
2. FM Selection Button
3. Automatic Channel Selection Button
4. Power ON/OFF & Volume Control Button
5. SCAN Button
6. MUTE Button
7. SETUP Button
8. TUNE/ENTER Button
9. PRESET Button

OMCAU01-A

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PA710B01MC-AAT

1. AM Selection Button

Turns to AM mode, and toggles in the order of AM1➟AM2➟···➟AM1···when the button is pressed each time.

2. FM Selection Button

Turns to FM mode and toggles FM1 and FM2 when the button is pressed each time.

3. Automatic Channel Selection Button

- When the [SEEK ∨] button is pressed, it reduces the band frequency by 200khz to automatically select channel. Stops at the previous frequency if no channel is found.
- When the [SEEK ∧] button is pressed, it increases the band frequency by 50khz to automatically select channel. Stops at the previous frequency if no channel is found.

4. Power ON/OFF & Volume Control Button

Turns on/off the set when the IGNITION SWITCH is on ACC or ON. If the button is turned to the right, it increases the volume and left, decreases the volume.

5. SCAN Button

If this button is pressed, the frequencies will become increased and receive the corresponding broadcasts.
This function will play the frequencies for 10 seconds each and find other broadcasts as the frequency increases.
Press the button again when desiring to continue listening to the currently playing broadcast.

6. MUTE Button

Press to temporarily cut off the sound.

7. SETUP Button

Press this button to turn to the SCROLL and AUDIO adjustment mode.
If no action is taken for 5 seconds after pressing the button, it will return to the play mode.(After entering SETUP mode, move between items using the left, right and PUSH functions of the TUNE button.)

8. TUNE/ENTER Button

Turn this button clockwise one notch to increase frequency from current frequency.
Turn this button counterclockwise by one notch to decrease frequency from current frequency.
The frequency changes by 0.2Mhz in FM MODE and 9Khz in AM MODE.
Press this button while holding SETUP button to activate / inactivate the item to. Select SETUP item using left and right function of the Tune button.

9. PRESET Button

Push [1]~[6] buttons less than 0.8 second to play the channel saved in each button.
Push PRESET button for 0.8 second or longer to save current channel to the respective button with a beep.

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CAUTION:

- **Do not place beverages close to the audio system. The audio system mechanism may be damaged if you spill them.**
- **Do not strike or allow anything to impact the audio system, damage to the system mechanisms could occur.**

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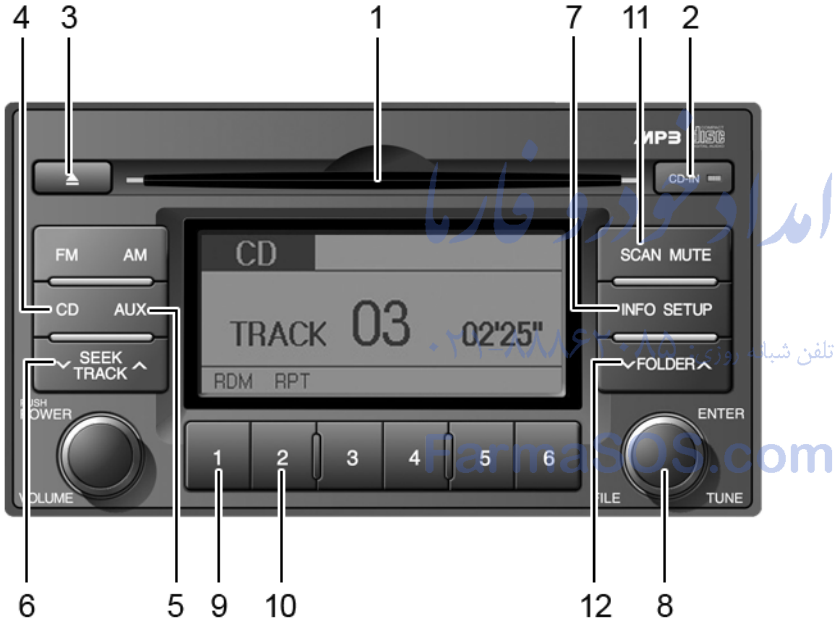
PA710C01MC-AAT

CD (PA710) (If Installed)
- Compatiable with MP3/WMA/WAVE



1. CD Loading Slot
2. CD Indicator
3. CD Eject Button
4. CD Selection Button
5. AUX Selection Button
6. Automatic Track Selection Button
7. Information Display Button
8. TUNE/ENTER Button
9. RANDOM Play Button
10. REPEAT Button
11. SCAN Play Button
12. FOLDER Button

OMCAU03-B

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PA710D01MC-AAT

1. CD Loading Slot

Please face printed side upward and gently push in. When the ignition switch is on ACC or ON and power is off, power is automatically turned on if the CD is loaded. This CDP supports only 12 cm CD. If VCD or Data CD is loaded, "Er-6" message will appear and CD will be ejected.

2. CD Indicator

When ignition switch is ACC or ON and if the CD is loaded, this indicator is lighted. If the CD is ejected the light is turned off.

3. CD Eject Button

Push ⏏ button to eject the CD. This button is enabled when ignition switch is off.

4. CD Selection Button

If there is a CD in the CDP DECK it plays the CD.
Press CD button to automatically insert CD when the disc is ejected from the deck by pressing CD EJECT.

NOTE:

- **Do not stick paper or tape etc., on the label side or the recording side of any discs, as it may cause a malfunction.**
- **Depending on the recording status, some CD-Rs/CD-RWs may not be played on this unit.**
- **Playback of MP3 and WMA file formats are supported. Load to play time for these formats may be longer due to the compressed nature of these discs.**

5. AUX Selection Button

If the auxiliary device is connected, it turns to AUX MODE to play the sound from the auxiliary player.

AUX 3.5mm STEREO MINI PLUG

NOTE :

- **If the AUX device is not connected, you cannot switch to AUX-IN mode.**
- **When the AUX device is disconnected while in AUX-IN mode, the unit automatically switches its mode to last selected mode (CD mode or RADIO mode).**
- **The quality of sound may be defected or distorted when the unit's EQ control and AUX device's EQ control are both enabled (not flat). When you want to use the unit's EQ control feature, disable the AUX device's EQ control feature, and vice versa.**
- **To prevent noise, the AUX devices with adjustable volume levels must have the volume adjusted high.**
- **If an external power connector is connected to the vehicle, noise may be introduced to the sound. If noise is heard, verify the AUX device volume is turned up, then test the sound with the power cable disconnected. If necessary, use the AUX device powered from its internal battery, or purchase a ground loop isolator to connect the AUX device to the vehicle.**

6. Automatic Track Selection Button

- Push [SEEK ∨] button for less than 0.8 second to play from the beginning of current song.
- Push [SEEK ∨] button for less than 0.8 second and press again within 1 second to play the previous song.
- Push [SEEK ∨] button for 0.8 or longer to initiate reverse direction high speed sound search of current song.
- Push [SEEK ∧] button for less than 0.8 second to play the next song.
- Push [SEEK ∧] button for 0.8 or longer to initiate high speed sound search of current song.

7. Information Display Button

Displays the information of the current CD TRACK in the order of DISC TITLE ➟DISC ARTIST➟TRACK TITLE➟ TRACK ARTIST➟TOTAL TRACK➟ Play Screen ➟DISC TITLE➟….(not displayed if the information is not available on the DISC.)

8. TUNE/ENTER Button

Turn this button clockwise to display songs after current song.
Also, turn this button counterclockwise to display songs before current song.
To listen to the displayed song, press the button to skip to the song and play.

9. RANDOM Play Button

Turns on/off the randomization of the play list of files in the currently played DISC. To cancel the mode, press the key once again.

10. REPEAT Button

Repeats current song when the button is pressed for less than 0.8 second.
Repeats current folder when the button is pressed for 0.8 second or longer. (If there is no folder, entire disc will be repeated.)

11. SCAN Play Button

Plays first 10 seconds of each song in the DISC. To cancel the mode, press the key once again.

12. FOLDER Button

Folder up/down operation

- Folder is moved up or down from currently playing and folder name becomes displayed.
- Press enter key to play the selected folder.
- If the enter key is not pressed within 5 seconds, then the previous folder name will be displayed again.

NOTE:

- **To assure proper operation of the unit, keep the vehicle interior temperature within a normal range by using the vehicle's air conditioning or heating system.**
- **When replacing the fuse, replace it with a fuse having the correct capacity.**
- **All stored bookmarks are all erased when the car battery is disconnected or power to the vehicle is lost. If this occurs, the bookmarks will have to be reset.**
- **This equipment is designed to be used only in a 12 volt DC battery system with negative ground.**
- **This unit is made of precision parts. Do not attempt to disassemble or adjust any parts.**
- **When driving your vehicle, be sure to keep the volume of the unit set low enough to allow you to hear sounds coming from the outside.**
- **Do not expose this equipment (including the speakers and CD) to water or excessive moisture.**

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CAUTION:

- Do not insert warped or poor quality discs into the CD player as damage to the unit may occur.
- Do not insert anything like coins into the player slot as damage to the unit may occur.
- Do not place beverages close to the audio system. The playback mechanism may be damaged if you spill them.
- Do not strike or allow anything to impact the audio system, damage to the system mechanisms could occur.
- Off-road or rough surface driving may cause the compact disc to skip. Do not use the compact disc when driving in such conditions as damage to the compact disc face could occur.
- Do not attempt to grab or pull the compact disc out while the disc is being pulled into the audio unit by the self-loading mechanism. Damage to the audio unit and compact disc could occur.

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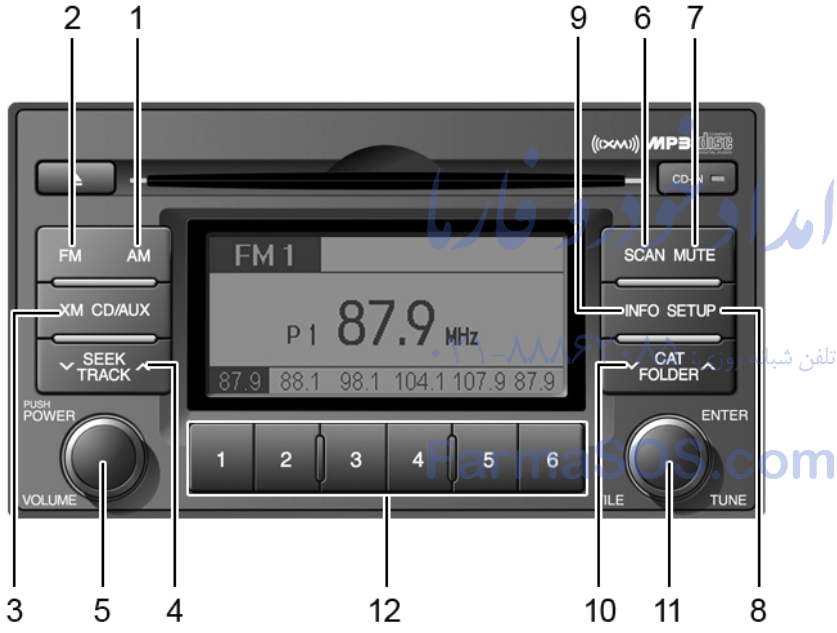
PA710SA01MC-AAT

RADIO, SETUP, VOLUME CONTROL (PA710S) (If Installed)



OMCAU02-A

1. AM Selection Button
2. FM Selection Button
3. XM Selection Button
4. Automatic Channel Selection Button
5. Power ON/OFF & Volume Control Button
6. SCAN Button
7. MUTE Button
8. SETUP Button
9. Information Display Button
10. CAT(FOLDER) Button
11. TUNE/ENTER Button
12. PRESET Button

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PA710SB01MC-AAT

1. AM Selection Button

Turns to AM mode, and toggles in the order of AM1➟AM2➟···➟AM1···when the button is pressed each time.

2. FM Selection Button

Turns to FM mode and toggles FM1 and FM2 when the button is pressed each time.

3. XM Selection Button

Turns to XM mode, and toggles in the order of XM1➟XM2➟XM3➟···➟XM1··· when the button is pressed each time.

4. Automatic Channel Selection Button

- When the [SEEK ∨] button is pressed, it reduces the band frequency by 200khz to automatically select channel. Stops at the previous frequency if no channel is found.
- When the [SEEK ∧] button is pressed, it increases the band frequency by 50khz to automatically select channel. Stops at the previous frequency if no channel is found.

5. Power ON/OFF & Volume Control Button

Turns on/off the set when the ignition switch is on ACC or ON. If the button is turned to the right, it increases the volume and left, decreases the volume.

6. SCAN Button

If this button is pressed, the frequencies will become increased and receive the corresponding broadcasts.
This function will play the frequencies for 10 seconds each and find other broadcasts as the frequency increases.
Press the button again when desiring to continue listening to the currently playing broadcast.

7. MUTE Button

Press to temporarily cut off the sound.

8. SETUP Button

Press this button to turn to the XM option, SCROLL and AUDIO adjustment mode. If no action is taken for 5 seconds after pressing the button, it will return to the play mode.(After entering SETUP mode, move between items using the left, right and PUSH functions of the TUNE button.)

9. Information Display Button

Information Display function operation
(Information is displayed each time (the) Key is pressed)
Pressing the Title ➟Artist ➟Album➟ Category➟Channel➟ Title-KEY for 3 seconds will display the corresponding text then become restored.

Text Scroll operation
After pressing (the) Key, if the text to be displayed is longer than the LCD text line, then rotating the Tune Knob will operate the Page up function displaying 8 characters for 3 seconds each - displays the maximum lines of text supported by XM.

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10. CAT(FOLDER) Button

Moves [CAT ∧] Button when Category Up search operation.

- o Category is moved Up from the category currently being received and Category Name becomes displayed.
- o If the Enter Key is not pressed within 5 seconds, then the previous mode will be restored.
- o If the Key is pressed while in the last Category, then the first category will become displayed and operation will be repeated.
- o Corresponding category can be selected by pressing ENTER. Moves [CAT ∧] Button when Category Down search operation.
- o Category is moved Down from the category currently being received and Category Name becomes displayed.
- o If the Enter Key is not pressed within 5 seconds, then the previous mode will be restored.
- o If the [CAT ∨] Key is pressed while in the first Category, then the last category will become displayed and operation will be repeated.
- o Corresponding category can be selected by pressing ENTER.

11. TUNE/ENTER Button

Turn this button clockwise by one notch to increase or decrease frequency in FM or AM MODE. The frequency changes by 0.2Mhz in FM MODE and 10Khz in AM MODE.
In XM MODE, turn this button to explore the channel and press this button select the channel.
Press this button while holding SETUP button to activate / inactivate the item to. Select SETUP item using left and right function of the Tune button.

12. PRESET Button

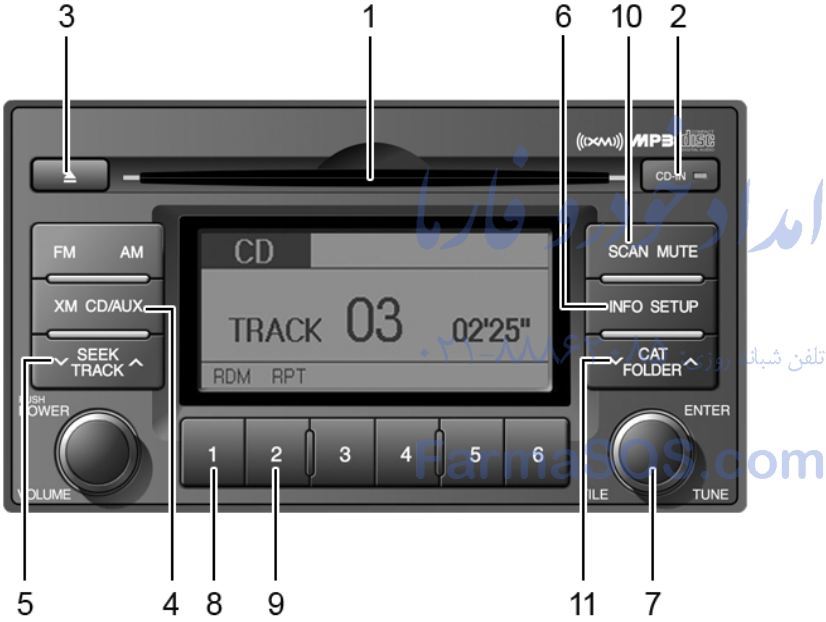
Push [1]~[6] buttons less than 0.8 second to play the channel saved in each button. Push PRESET button for 0.8 second or longer to save current channel to the respective button with a beep.

CAUTION:

- o **Do not place beverages close to the audio system. The playback mechanism may be damaged if you spill them.**
- o **Do not strike or allow anything to impact the audio system, damage to the system mechanisms could occur.**

PA710SC01MC-AAT

CD (PA710S) (If Installed)
- Compatiable with MP3/WMA/WAVE



1. CD Loading Slot
2. CD Indicator
3. CD Eject Button
4. CD/AUX Selection Button
5. Automatic Track Selection Button
6. Information Display Button
7. TUNE/ENTER Button
8. RANDOM Play Button
9. REPEAT Button
10. SCAN Play Button
11. FOLDER Button

OMCAU04-B

PA710SD01MC-AAT

1. CD Loading Slot

Please face printed side upward and gently push in. When the ignition switch is on ACC or ON and power is off, power is automatically turned on if the CD is loaded. This CDP supports only 12 cm CD. If VCD or Data CD is loaded, "Er-6" message will appear and CD will be ejected.

2. CD Indicator

When car ignition switch is ACC or ON and if the CD is loaded, this indicator is lighted. If the CD is ejected the light is turned off.

3. CD Eject Button

Push ⏏ button to eject the CD. This button is enabled when ignition switch is off.

4. CD/AUX Selection Button

If there is a CD in the CDP DECK it turns to CD mode, and if a device is connected to AUX then it toggles.
CD➡AUX➡CD··· when the button is pressed each time.(It will not turn to AUX if the auxiliary device is not connected.)

NOTE:

- **Do not stick paper or tape etc., on the label side or the recording side of any discs, as it may cause a malfunction.**
- **Depending on the recording status, some CD-Rs/CD-RWs may not be played on this unit.**
- **Playback of MP3 and WMA file formats are supported. Load to play time for these formats may be longer due to the compressed nature of these discs.**

AUX 3.5mm STEREO MINI PLUG

NOTE :

- **If the AUX device is not connected, you cannot switch to AUX-IN mode.**
- **When the AUX device is disconnected while in AUX-IN mode, the unit automatically switches its mode to last selected mode (CD mode or RADIO mode).**
- **The quality of sound may be defected or distorted when the unit's EQ control and AUX device's EQ control are both enabled (not flat). When you want to use the unit's EQ control feature, disable the AUX device's EQ control feature, and vice versa.**
- **To prevent noise, the AUX devices with adjustable volume levels must have the volume adjusted high.**

- **If an external power connector is connected to the vehicle, noise may be introduced to the sound. If noise is heard, verify the AUX device volume is turned up, then test the sound with the power cable disconnected. If necessary, use the AUX device powered from its internal battery, or purchase a ground loop isolator to connect the AUX device to the vehicle.**

5. Automatic Track Selection Button

- Push [SEEK ∨] button for less than 0.8 second to play from the beginning of current song.
- Push [SEEK ∨] button for less than 0.8 second and press again within 1 second to play the previous song.
- Push [SEEK ∨] button for 0.8 or longer to initiate reverse direction high speed sound search of current song.
- Push [SEEK ∧] button for less than 0.8 second to play the next song.
- Push [SEEK ∧] button for 0.8 or longer to initiate high speed sound search of current song.

6. Information Display Button

Displays the information of the current CD TRACK in the order of DISC TITLE ➟DISC ARTIST➟TRACK TITLE➟ TRACK ARTIST➟TOTAL TRACK➟Play Screen ➟DISC TITLE➟….(not displayed if the information is not available on the DISC.)

7. TUNE/ENTER Button

Turn this button clockwise to display songs after current song.
Also, turn this button counterclockwise to display songs before current song.
To listen to the displayed song, press the button to skip to the song and play.

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8. RANDOM Play Button

Turns on/off the randomization of the play list of files in the currently played DISC. To cancel the mode, press the key once again.

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9. REPEAT Button

Repeats current song when the button is pressed for less than 0.8 seconds.
Repeats current folder when the button is pressed for 0.8 second or longer. (If there is no folder, entire disc will be repeated.)

10. SCAN Play Button

Plays first 10 seconds of each song in the DISC. To cancel the mode, press the key once again.

11. FOLDER Button

Folder up/down operation

- Folder is moved up or down from currently playing and folder name becomes displayed.
- Press enter key to play the selected folder.
- If the enter key is not pressed within 5 seconds, then the previous folder name will be displayed again.

NOTE:

- **To assure proper operation of the unit, keep the vehicle interior temperature within a normal range by using the vehicle's air conditioning or heating system.**
- **When replacing the fuse, replace it with a fuse having the correct capacity.**
- **All stored bookmarks are all erased when the car battery is disconnected or power to the vehicle is lost. If this occurs, the bookmarks will have to be reset.**

- This equipment is designed to be used only in a 12 volt DC battery system with negative ground.
- This unit is made of precision parts. Do not attempt to disassemble or adjust any parts.
- When driving your vehicle, be sure to keep the volume of the unit set low enough to allow you to hear sounds coming from the outside.
- Do not expose this equipment (including the speakers and CD) to water or excessive moisture.

CAUTION:

- Do not insert warped or poor quality discs into the CD player as damage to the unit may occur.
- Do not insert anything like coins into the player slot as damage to the unit may occur.
- Do not place beverages close to the audio system. The playback mechanism may be damaged if you spill them.
- Do not strike or allow anything to impact the audio system, damage to the system mechanisms could occur.
- Off-road or rough surface driving may cause the compact disc to skip. Do not use the compact disc when driving in such conditions as damage to the compact disc face could occur.
- Do not attempt to grab or pull the compact disc out while the disc is being pulled into the audio unit by the self-loading mechanism. Damage to the audio unit and compact disc could occur.

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DRIVING YOUR HYUNDAI

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WARNING: ENGINE EXHAUST CAN BE DANGEROUS!

C010A03A-AAT

Engine exhaust fumes can be extremely dangerous. If, at any time, you smell exhaust fumes inside the vehicle, open the windows immediately.

o Do not inhale exhaust fumes.

Exhaust fumes contain carbon monoxide, a colorless, odorless gas that can cause unconsciousness and death by asphyxiation.

o Be sure the exhaust system does not leak.

The exhaust system should be checked whenever the vehicle is raised to change the oil or for any other purpose. If you hear a change in the sound of the exhaust or if you drive over something that strikes the underneath side of the car, have the exhaust system checked as soon as possible by your Hyundai dealer.

o Do not run the engine in an enclosed area.

Letting the engine idle in your garage, even with the garage door open, is a hazardous practice. Never run the engine in your garage any longer than it takes to start the engine and back the car out.

o Avoid idling the engine for prolonged periods with people inside the car.

If it is necessary to idle the engine for a prolonged period with people inside the car, be sure to do so only in an open area with the air intake set at "Fresh" and fan operating at one of the higher speeds so fresh air is drawn into the interior.
If you must drive with the trunk lid/ tail gate open because you are carrying objects that make this necessary:
1. Close all windows.
2. Open side vents.
3. Set the air intake control at "Fresh", the air flow control at "Floor" or "Face" and the fan at one of the higher speeds.

To assure proper operation of the ventilation system, be sure the ventilation air intakes located just in front of the windshield are kept clear of snow, ice, leaves or other obstructions.

BEFORE STARTING THE ENGINE

C020A03A-AAT

Before you start the engine, you should always:

1. Look around the vehicle to be sure there are no flat tires, puddles of oil or water or other indications of possible trouble.
2. After entering the car, check to be sure the parking brake is engaged.
3. Check that all windows, and lights are clean.
4. Check that the interior and exterior mirrors are clean and in position.
5. Check your seat, seatback and headrest to be sure they are in their proper positions.
6. Lock all the doors.
7. Fasten your seat belt and be sure that all other occupants have fastened theirs.
8. Turn off all lights and accessories that are not needed.
9. When you turn the ignition switch to "ON", check that all appropriate warning lights are operating and that you have sufficient fuel.
10. Check the operation of warning lights and all bulbs when key is in the "ON" position.

PROPOSITION 65 WARNING:
Engine exhaust and a wide variety of automobile components and parts, including components found in the interior furnishings in a vehicle, contain or emit chemicals known to the State of California to cause cancer and birth defects and reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

WARNING:
- **Always wear appropriate shoes when operating your vehicle. Unsuitable shoes (high heels, ski boots, etc.) may interfere with your ability to use the brake and accelerator pedal, and the clutch (if installed).**
- **All passengers must be properly belted whenever the vehicle is moving. Refer to pages: 1-22 through 1-31 for more information on their proper use.**
- **Always check the surrounding areas near your vehicle for people, especially children, before putting a car into 'drive'.**
- **When you intend to park or stop the vehicle with the engine on, be careful not to depress the accelerator pedal for a long period of time. It may overheat the engine or exhaust system and cause fire.**

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TO START THE ENGINE

C030A01A-AAT

COMBINATION IGNITION SWITCH

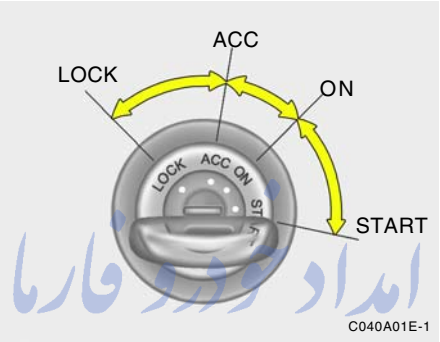
- o If your Hyundai is equipped with a manual transaxle, place the shift lever in neutral and depress the clutch pedal fully.
- o If your Hyundai has an automatic transaxle, place the shift lever in "P" (park).
- o To start the engine, insert the ignition key and turn it to the "START" position. Release it as soon as the engine starts. Do not hold the key in the "START" position for more than 15 seconds.

NOTE:

- **o For safety, the engine will not start if the clutch pedal is not depressed fully (Manual Transaxle) or the shift lever is not in "P" or "N" Position (Automatic Transaxle).**
- **o The ignition key cannot be turned from "ACC" position to "LOCK" position unless the shift lever is in the "P" (Park) position or the negative battery terminal is disconnected from the battery. (For Automatic Transaxle)**

KEY POSITIONS

C040A02A-AAT



WARNING:
The engine should not be turned off or the key removed from the ignition key cylinder while the vehicle is in motion. The steering wheel is locked by removing the key.

o "START"

The engine is started in this position. It will crank until you release the key.

NOTE:
Do not hold the key in the "START" position for more than 15 seconds.

o "ON"

When the key is in the "ON" position, the ignition is on and all accessories may be turned on. If the engine is not running, the key should not be left in the "ON" position. This will discharge the battery and may also damage the ignition system.

o "ACC"

With the key in the "ACC" position, some electrical accessories (radio, etc.) may be operated.

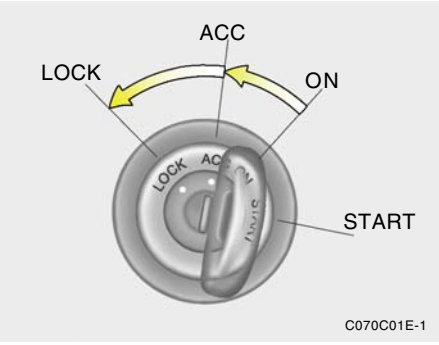
o "LOCK"

The key can be removed or inserted in this position. To protect against theft, the steering wheel locks by removing the key.

NOTE:
If difficulty is experienced turning the ignition switch to the ACC position, turn the key while turning the steering wheel right and left to release the tension.

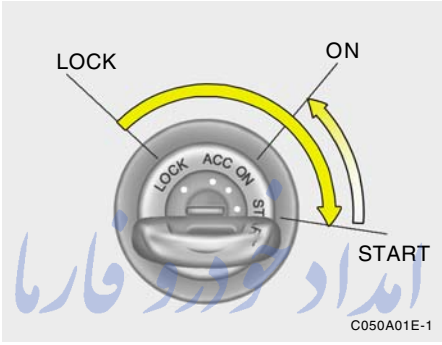
C070C01A-AAT

To Remove the Ignition Key



1. Turn the ignition key to the "ACC" position.
2. Simultaneously push and turn the ignition key counterclockwise from the "ACC" position to the "LOCK" position.
3. The key can be removed in the "LOCK" position.

C050A01A-AAT



WARNING:
Never run the engine in a closed or poorly ventilated area any longer than is needed to move your car in or out of the area. The carbon monoxide gas emitted is odorless and can cause serious injury or death.

C050B02A-AAT

Normal Conditions:

The Starting Procedure:

1. Insert key, and fasten the seat belt.
2. Depress the clutch pedal fully and place the gearshift lever (manual transaxle) in neutral or the selector lever (automatic transaxle) in "P" (park) position.
3. After turning the ignition key to the "ON" position, make certain all warning lights and gauges are functioning properly before starting the engine.

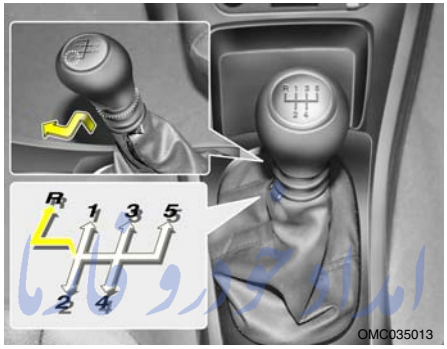
WARNING:
Be sure that the clutch is fully depressed when starting a manual transaxle vehicle. Your manual transaxle equipped vehicle will not start unless the clutch pedal is fully depressed. On a manual transaxle equipped vehicle that can be started without depressing the clutch, there is the potential to cause damage to the vehicle or injury to someone inside or outside the vehicle as a result of the forward or backward movement of the vehicle that will occur if the clutch is not depressed when the vehicle is started.

4. Turn the ignition key to the "Start" position and release it when the engine starts.
   After the engine has started, allow the engine to run for 10 to 20 seconds prior to placing the vehicle in gear.
   The starter should not be operated for more than 15 seconds at a time. Wait 15-30 seconds between starting attempts to protect the starter from overheating.

WARNING:
Always fully depress the brake pedal before and while shifting out of the "P" Park position into another position to avoid inadvertent motion of the vehicle which could injure persons in or around the car.

OPERATING THE MANUAL TRANSAXLE

C070A01MC-GAT



Your Hyundai's manual transaxle has five forward gears and one reverse gear. This shift pattern is also imprinted on the shift knob. The transaxle is fully synchronized in all forward gears so shifting to either a higher or a lower gear is easily accomplished.
When shifting into reverse gear, pull the mis-shift prevention tab and shift into reverse gear position.

NOTE:
- **To shift into reverse, rest the lever in neutral for at least 3 seconds after your car is completely stopped. Then move the lever into the reverse position.**
- **During cold weather, shifting may be difficult until the transaxle lubricant has warmed up. This is normal and not harmful to the transaxle.**
- **If you've come to a complete stop and it's hard to shift into 1st or R(Reverse), put the shift lever in N(Neutral) position and release the clutch. Press the clutch pedal back down, and then shift into 1st or R(Reverse) gear position.**
- **Do not use the shift lever as a handrest during driving, as this can result in premature wear of the transaxle shift forks.**

CAUTION:

- **Do not downshift more than 2 gears or downshift the gear when the engine is running at high speed (5,000 RPM or higher). Such downshifting may damage the engine.**
- **When downshifting from fifth gear to fourth gear, caution should be taken not to inadvertently press the gear shift lever sideways in such a manner that second gear is engaged. Such a drastic downshift may cause the engine speed to increase to the point that the tachometer will enter the red zone. Such over revving of the engine may possibly cause engine damage.**

C070B01A-AAT

Using the Clutch

The clutch should be pressed all the way to the floor before shifting, then released slowly. Do not rest your foot on the clutch pedal while driving. This can cause unnecessary wear.

Do not partially engage the clutch to hold the car on an incline. This causes unnecessary wear. Use the parking brake to hold the car on an incline. Do not operate the clutch pedal rapidly and repeatedly.

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C070E03A-AAT

RECOMMENDED SHIFT POINTS

Shift from-to	Recommended mph(km/h)
1-2	15 (20)
2-3	25 (40)
3-4	35 (55)
4-5	45 (75)

The shift points as shown above are recommended for optimum fuel economy and performance.

C070D03O-AAT

Good Driving Practices

- Never take the car out of gear and coast down a hill. This is extremely hazardous. Always leave the car in gear.
- Don't "ride" the brakes. This can cause them to overheat and malfunction. Instead, when you are driving down a long hill, slow down and shift to a lower gear. When you do this, engine braking will help slow the car.
- Slow down before shifting to a lower gear. This will help avoid over-revving the engine, which can cause damage.
- Slow down when you encounter cross winds. This gives you much better control of your car.
- Be sure the car is completely stopped before you attempt to shift into reverse. The transaxle can be damaged if you do not. To shift into reverse, depress the clutch, move the shift lever to neutral, wait three seconds, then shift to the reverse position.
- Exercise extreme caution when driving on a slippery surface. Be especially careful when braking, accelerating or shifting gears. On a slippery surface, an abrupt change in vehicle speed can cause the drive wheels to lose traction and the vehicle to go out of control.

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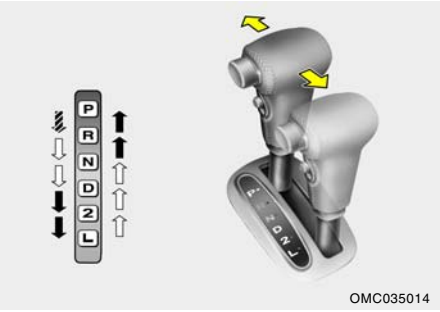
WARNING:

- **Always buckle-up! In a collision, an unbelted occupant is significantly more likely to be seriously injured or killed than a properly belted occupant.**
- **Avoid high speeds when cornering or turning.**
- **Do not make quick steering wheel movements, such as sharp lane changes or fast, sharp turns.**
- **The risk of rollover is greatly increased if you lose control of your vehicle at highway speeds.**
- **Loss of control often occurs if two or more wheels drop off the roadway and the driver oversteers to reenter the roadway.**
- **In the event your vehicle leaves the roadway, do not steer sharply. Instead, slow down before pulling back into the travel lanes.**
- **Never exceed posted speed limits.**

AUTOMATIC TRANSAXLE

C090A01A-AAT



The highly efficient Hyundai automatic transaxle has four forward speeds and one reverse speed. It has a conventional shift pattern as shown in the illustration.

CAUTION:
Never shift into "R" or "P" position while the car is moving.

NOTE:

Depress the brake pedal and push the button when shifting

Push the button when shifting

The selector lever can be shifted freely.

For optimum fuel economy, accelerate gradually. The transaxle will automatically shift to the second, third and overdrive gears.

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C090B02A-AAT

The function of each position is as follows:

o P (Park):

Use to hold the vehicle in place when parking or while starting the engine. Whenever parking the car, apply the parking brake and shift the selector lever to the "P" (Park) position.

CAUTION:
Never place the selector lever in the "P" (Park) position unless the vehicle is fully stopped. Failure to observe this caution will cause severe damage to the transaxle.

C090C01A-AAT

o R(Reverse):

Use for backing up the vehicle. Bring the car to a complete stop before shifting the selector lever to "R" position.

C090D02A-AAT

o N (Neutral):

In the "N" position, the transaxle is in neutral position, which means that no gears are engaged. The engine can be started with the shift lever in "N" position, although this is not recommended except if the engine stalls while the car is moving.

C090E02A-AAT

o D (Drive):

Use for normal driving. Bring the car to a complete stop before shifting the selector to "D" position. The transaxle will automatically shift through a four-gear sequence. Never downshift manually to "2" position or "L" position when vehicle speed is more than 60 mph (96 km/h).

C090F01A-AAT

o 2 (Second gear):

Use for driving on a slippery road, hill climbing or engine braking downhill. "2" automatically shifts between first and second gears.
This means that no shift-up to 3rd gear is performed. However, the shift-up to third gear is done when the car speed exceeds a certain value to prevent the engine from over-revving.
Manually move the selector to "D" returning to normal driving condition.

C090G01A-AAT

o L (Low gear):

Use for driving up a very steep grade or for engine braking when descending steep hills. When downshifting to "L", the transaxle will temporarily remain in second gear until the vehicle has slowed enough for low gear to engage. Do not exceed 31 mph (50 km/h) in low gear.

C090H01A-AAT

NOTE:

- **For smooth and safe operation, depress the brake pedal when shifting from "Neutral" position or "Park" position to a forward or reverse gear.**
- **The ignition key must be in the "ON" position and the brake pedal fully depressed in order to move the shift lever from the "P" (Park) position to any of the other positions.**
- **It is always possible to shift from "R", "N", "D", "2", "L" position to "P" position.**

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C090I05A-AAT

CAUTION:

- **Shift into "R", "D" and "P" position only when the vehicle has completely stopped.**
- **Do not accelerate the engine in reverse or any of the forward positions with the brakes applied.**
- **Always apply the footbrake when shifting from "P" or "N", to "R", "D", "2" or "L" position.**
- **Do not use the "P" (Park) position in place of the parking brake. Always set the parking brake, shift the transaxle into "P" (Park) position and turn off the ignition when you leave the vehicle, even momentarily. Never leave the vehicle unattended while the engine is running.**
- **When accelerating from a stop on a steep hill, the vehicle may have a tendency to roll backwards. Shifting the shift lever into 2nd gear will help prevent the vehicle from rolling backwards.**

- **Check the automatic transaxle fluid level regularly, and add fluid as necessary.**
- **See the maintenance schedule for the proper fluid recommendation.**

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C090P01A-AAT

Overdrive Switch

OMC035016

When the overdrive switch is turned on, the transaxle will automatically upshift to the second, third and overdrive gears. When the overdrive switch is turned off, the transaxle will not upshift to the overdrive gear. For normal driving, the selector lever should be left in the "D" position and the overdrive switch turned on.

If you need to accelerate rapidly, press the accelerator pedal all the way to the floor. The transaxle will automatically shift to a lower gear, depending on the vehicle speed and load.

C090N07A-AAT

Good Driving Practices

- Never move the gear selector lever from "P" or "N" to any other position with the accelerator pedal depressed.
- Never move the gear selector lever into "P" when the vehicle is in motion.
- Be sure the car is completely stopped before you attempt to shift into "R" or "D".
- Never take the car out of gear and coast down a hill. This may be extremely hazardous. Always leave the car in gear when moving.
- Do not "ride" the brakes. This can cause them to overheat and malfunction. Instead, when you are driving down a long hill, slow down and shift to a lower gear. When you do this, engine braking will help slow the car.
- Slow down before shifting to a lower gear. Otherwise, the lower gear may not be engaged.
- Always use the parking brake. Do not depend on placing the transaxle in "P" to keep the car from moving.
- Exercise extreme caution when driving on a slippery surface. Be especially careful when braking, accelerating or shifting gears. On a slippery surface, an abrupt change in vehicle speed can cause the drive wheels to lose traction and the vehicle to go out of control.
- Optimum vehicle performance and economy is obtained by smoothly depressing and releasing the accelerator pedal.
- Turn the overdrive switch on for good fuel economy and smooth driving. If engine braking is needed in the "D" range or if repeated upshifting and downshifting between the 3rd and 4th gear is needed when climbing a gentle slope, it is recommended that the overdrive switch be turned off. Turn the overdrive switch back on immediately afterward.

! WARNING:

- **Always buckle-up! In a collision, an unbelted occupant is significantly more likely to be seriously injured or killed than a properly belted occupant.**
- **Avoid high speeds when cornering or turning.**
- **Do not make quick steering wheel movements, such as sharp lane changes or fast, sharp turns.**
- **The risk of rollover is greatly increased if you lose control of your vehicle at highway speeds.**
- **Loss of control often occurs if two or more wheels drop off the roadway and the driver oversteers to reenter the roadway.**
- **In the event your vehicle leaves the roadway, do not steer sharply. Instead, slow down before pulling back into the travel lanes.**
- **Never exceed posted speed limits.**

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WARNING:

- **If your vehicle becomes stuck in snow, mud, sand, etc., then you may attempt to rock the vehicle free by moving it forward and backward. Do not attempt this procedure if people or objects are anywhere near the vehicle. During the rocking operation the vehicle may suddenly move forward of backward as it becomes unstuck, causing injury to nearby people or damage to objects.**

ANTI-LOCK BRAKE SYSTEM

C120A01MC-AAT

(If Installed)

The Anti-Lock Brake System (ABS) is designed to prevent wheel lock-up during sudden braking or on hazardous road surfaces. The ABS control module monitors the wheel speed and controls the pressure applied to each brake. Thus, in emergency situations or on slick roads, ABS will increase vehicle control during braking.

NOTE:

- **A click sound may be heard in the engine compartment when the vehicle begins to move after the engine is started. These conditions are normal and indicate that the anti-lock brake system is functioning properly.**
- **During ABS operation, a slight pulsation may be felt in the brake pedal when the brakes are applied. Also, a noise may be heard in the engine compartment while braking. These conditions are normal and indicate that the anti-lock brake system is functioning properly.**

WARNING:

ABS will not prevent accidents due to improper or dangerous driving maneuvers. Even though vehicle control is improved during emergency braking, always maintain a safe distance between you and objects ahead. Vehicle speeds should always be reduced during extreme road conditions.
The braking distance for cars equipped with an anti-lock braking system may be longer than for those without it in the following road conditions.
During these conditions the veicle should be driven at reduced speeds.

- **Rough, gravel or snow-covered roads.**
- **With tire chains installed.**
- **On roads where the road surface is pitted or has different surface height.**

These roads should be driven at reduced speeds. The safety features of an ABS equipped vehicle should not be tested by high speed driving or cornering. This could endanger the safety of yourself or others.

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GOOD BRAKING PRACTICES

C130A02A-AAT

WARNING:

- **Whenever leaving vehicle or parking, always set the parking brake as far as possible and fully engage the vehicle's transaxle into the park position. Vehicles not fully engaged in park with the parking brake set are at risk for moving inadvertently and injuring yourself or others.**
- **All vehicles should always have the parking brake fully engaged when parking to avoid inadvertent movement of the car which can injure occupants or pedestrians.**
- **Nothing should be carried on top of the shelf panel behind the rear seat. If there were an accident or a sudden stop, such objects could move forward and cause damage to the vehicle or injure the occupants.**

- After being parked, check to be sure the parking brake is not engaged and that the parking brake indicator light is out before driving away.
- Driving through water may get the brakes wet. They can also get wet when the car is washed. Wet brakes can be dangerous! Your car will not stop as quickly if the brakes are wet. Wet brakes may cause the car to pull to one side. To dry the brakes, apply the brakes lightly until the braking action returns to normal, taking care to keep the car under control at all times. If the braking action does not return to normal, stop as soon as it is safe to do so and call your Hyundai dealer for assistance.
- Don't coast down hills with the car out of gear. This is extremely hazardous. Keep the car in gear at all times, use the brakes to slow down, then shift to a lower gear so that engine braking will help you maintain a safe speed.
- Don't "ride" the brake pedal. Resting your foot on the brake pedal while driving can be dangerous because it can result in the brakes overheating and losing their effectiveness. It also increases the wear of the brake components.
- If a tire goes flat while you are driving, apply the brakes gently and keep the car pointed straight ahead while you slow down. When you are moving slowly enough for it to be safe to do so, pull off the road and stop in a safe place.
- If your car is equipped with an automatic transaxle, don't let your car creep forward. To avoid creeping forward, keep your foot firmly on the brake pedal when the car is stopped.
- Use caution when parking on a hill. Firmly engage the parking brake and place the gear selector lever in "P" (automatic transaxle) or in first or reverse gear (manual transaxle). If your car is facing downhill, turn the front wheels into the curb to help keep the car from rolling. If your car is facing uphill, turn the front wheels away from the curb to help keep the car from rolling. If there is no curb or if it is required by other conditions to keep the car from rolling, block the wheels.

DRIVING FOR ECONOMY

- Under some conditions your parking brake can freeze in the engaged position. This is most likely to happen when there is an accumulation of snow or ice around or near the rear brakes or if the brakes are wet. If there is a risk that the parking brake may freeze, apply it only temporarily while you put the gear selector lever in "P" (automatic) or in first or reverse gear (manual transaxle) and block the rear wheels so the car cannot roll. Then release the parking brake.
- Do not hold the vehicle on the upgrade with the accelerator pedal. This can cause the transaxle to overheat. Always use the brake pedal or parking brake.

C140A02A-AAT

You can save fuel and get more miles from your car if you follow these suggestions:

- Drive smoothly. Accelerate at a moderate rate. Don't make "jack-rabbit" starts or full-throttle shifts and maintain a steady cruising speed. Don't race between stoplights. Try to adjust your speed to that of the other traffic so you don't have to change speeds unnecessarily. Avoid heavy traffic whenever possible. Always maintain a safe distance from other vehicles so you can avoid unnecessary braking. This also reduces brake wear.
- Drive at a moderate speed. The faster you drive, the more fuel your car uses. Driving at a moderate speed, especially on the highway, is one of the most effective ways to reduce fuel consumption.
- Don't "ride" the brake or clutch pedal. This can increase fuel consumption and also increase wear on these components. In addition, driving with your foot resting on the brake pedal may cause the brakes to overheat, which reduces their effectiveness and may lead to more serious consequences.
- Take care of your tires. Keep them inflated to the recommended pressure. Incorrect inflation, either too much or too little, results in unnecessary tire wear. Check the tire pressures at least once a month.
- Be sure that the wheels are aligned correctly. Improper alignment can result from hitting curbs or driving too fast over irregular surfaces. Poor alignment causes faster tire wear and may also result in other problems as well as greater fuel consumption.
- Keep your car in good condition. For better fuel economy and reduced maintenance costs, maintain your car in accordance with the maintenance schedule in Section 5. If you drive your car in severe conditions, more frequent maintenance is required (see Section 5 for details).
- Keep your car clean. For maximum service, your Hyundai should be kept clean and free of corrosive materials. It is especially important that mud, dirt, ice, etc. not be allowed to accumulate on the underside of the car. This extra weight can result in increased fuel consumption and also contribute to corrosion.

- Travel lightly. Don't carry unnecessary weight in your car. Weight reduces fuel economy.
- Don't let the engine idle longer than necessary. If you are waiting (and not in traffic), turn off your engine and restart only when you're ready to go.
- Remember, your Hyundai does not require extended warm-up. After the engine has started, allow the engine to run for 10 to 20 seconds prior to placing the vehicle in gear. In very cold weather, however, give your engine a slightly longer warm-up period.
- Don't "lug" or "over-rev" the engine. Lugging is driving too slowly in too high a gear resulting in the engine bucking. If this happens, shift to a lower gear. Over-revving is racing the engine beyond its safe limit. This can be avoided by shifting at the recommended speeds.
- Use your air conditioning sparingly. The air conditioning system is operated by engine power so your fuel economy is reduced when you use it.

SMOOTH CORNERING

C150A01A-AAT

Avoid braking or gear changing in corners, especially when roads are wet. Ideally, corners should always be taken under gentle acceleration. If you follow these suggestions, tire wear will be held to a minimum.

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WINTER DRIVING

C160A01A-AAT

The more severe weather conditions of winter result in greater wear and other problems. To minimize the problems of winter driving, you should follow these suggestions:

C160B01A-AAT

Snowy or Icy Conditions

To drive your vehicle in deep snow, it may be necessary to use snow tires or to install tire chains on your tires. If snow tires are needed, it is necessary to select tires equivalent in size and type to the original equipment tires. Failure to do so may adversely affect the safety and handling of your car. Furthermore, speeding, rapid acceleration, sudden brake applications, and sharp turns are potentially very hazardous practices.
During deceleration, use engine braking to the fullest extent. Sudden brake applications on snowy or icy roads may cause skids to occur. You need to keep sufficient distance between the vehicle in operation in front and your vehicle. Also, apply the brake gently. It should be noted that installing tire chains on the tire will provide a greater driving force, but will not prevent side skids.

NOTE:
Tire chains are not legal in all states. Check state laws before fitting tire chains.

C160C01A-AAT

Use High Quality Ethylene Glycol Coolant

Your Hyundai is delivered with high quality ethylene glycol coolant in the cooling system. It is the only type of coolant that should be used because it helps prevent corrosion in the cooling system, lubricates the water pump and prevents freezing. Be sure to replace or replenish your coolant in accordance with the maintenance schedule in Section 5. Before winter, have your coolant tested to assure that its freezing point is sufficient for the temperatures anticipated during the winter.

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C160D01A-AAT

Check Battery and Cables

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Winter puts additional burdens on the battery system. Visually inspect the battery and cables as described in Section 6. The level of charge in your battery can be checked by your Hyundai dealer or a service station.

C160E01A-AAT

Change to "Winter Weight" Oil if Necessary

In some climates it is recommended that a lower viscosity "winter weight" oil be used during cold weather. See Section 9 for recommendations. If you aren't sure what weight oil you should use, consult your Hyundai dealer.

C160F02A-AAT

Check Spark Plugs and Ignition System

Inspect your spark plugs and replace them if necessary. Also check all ignition wiring and components to be sure they are not cracked, worn or damaged in any way.

C160G01A-AAT

To Keep Locks from Freezing

To keep the locks from freezing, squirt an approved de-icer fluid or glycerine into the key opening. If a lock is covered with ice, squirt it with an approved de-icing fluid to remove the ice. If the lock is frozen internally, you may be able to thaw it out by using a heated key. Handle the heated key with care to avoid injury.

C160H01A-AAT

Use Approved Anti-Freeze in Window Washer System

To keep the water in the window washer system from freezing, add an approved anti-freeze solution in accordance with instructions on the container. Window washer anti-freeze is available from Hyundai dealers and most auto parts outlets. Do not use engine coolant or other types of anti-freeze as these may damage the finish.

C160I01A-AAT

Don't Let Your Parking Brake Freeze

Under some conditions your parking brake can freeze in the engaged position. This is most likely to happen when there is an accumulation of snow or ice around or near the rear brakes or if the brakes are wet. If you think the parking brake may freeze, apply it only temporarily while you put the gear selector lever in "P" (automatic) or in first or reverse gear (manual transaxle) and block the rear wheels so the car cannot roll. Then release the parking brake.

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C160J01A-AAT

Don't Let Ice and Snow Accumulate Underneath

Under some conditions, snow and ice can build up under the fenders and interfere with the steering. When driving in severe winter conditions where this may happen, you should periodically check underneath the car to be sure the movement of the front wheels and the steering components is not obstructed.

C160K01A-AAT

Carry Emergency Equipment

Depending on the severity of the weather where you drive your car, you should carry appropriate emergency equipment. Some of the items you may want to carry include tire chains, tow straps or chains, flashlight, emergency flares, sand, a shovel, jumper cables, a window scraper, gloves, ground cloth, coveralls, a blanket, etc.

HIGHER SPEED MOTORING

C170A02A-AAT

Pre-Trip Inspections

1. Tires:
Adjust the tire inflation pressures for highway driving. Low tire inflation pressures will result in overheating and possible failure of the tires.
Avoid using worn or damaged tires which may result in reduced traction or tire failure.

NOTE:
Never exceed the maximum tire inflation pressure shown on the tires.

WARNING:
o Underinflated or overinflated tires can cause poor handling, loss of vehicle control, and sudden tire failure leading to accidents, injuries, and even death. Always check tires are properly inflated before driving. Refer to pages 2-20 and 8-3 for proper tire pressures and further information.

WARNING:
o Driving on tires with no or insufficient tread is dangerous. Worn-out tires can result in loss of vehicle control, collisions, injury, and even death. Worn-out tires should be replaced as soon as possible and should never be used for driving. Always check tire tread before driving your car. Refer to 8-12 for further information and tread limits.

2. Fuel, engine coolant and engine oil:
High speed travel consumes more fuel than urban motoring. Do not forget to check both engine coolant and engine oil.

3. Drive belt:
A loose or damaged drive belt may result in overheating of the engine.

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USE OF LIGHTS

C180A01A-AAT

Check your lights regularly for correct operation and always keep them clean. When driving during the day in conditions of poor visibility, it is helpful to drive with headlights on low beam. This enables you to be seen, as well as to see.

TRAILER TOWING

C190A01A-AAT

C190A01MC

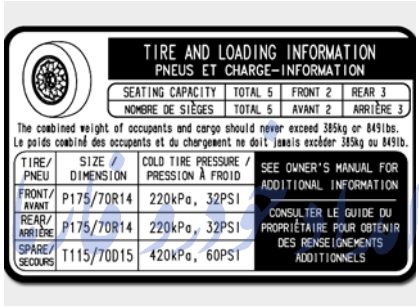
Your Hyundai should not be used to tow a trailer. It is designed to be compact and light for good fuel economy, and is not designed as a trailer-towing vehicle. Damages or malfunctions caused by towing may not be covered by the limited warranties applying to your Hyundai. Damages or malfunctions that result from towing a trailer for commercial purposes are specifically not covered by Hyundai limited warranties.

VEHICLE LOAD LIMIT

C190F01MC-AAT

Tire and Loading Information Label

Type A



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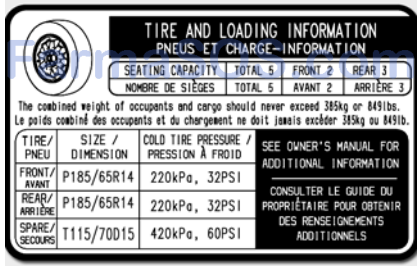
Type B



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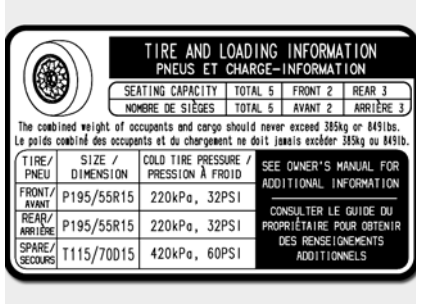
Type C



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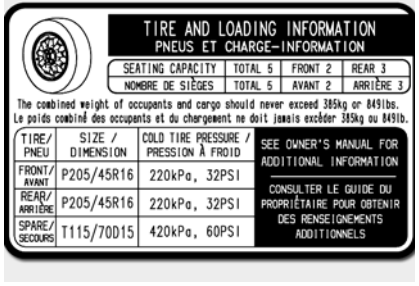
Type D



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The tire label located on the driver's side of the center pillar outer panel gives the original tire size, cold tire pressures recommended for your vehicle, the number of people that can be in your vehicle and vehicle capacity weight.

Vehicle capacity weight:
849 lbs (385 kg)
Vehicle capacity weight is the maximum combined weight of occupants and cargo. If your vehicle is equipped with a trailer, the combined weight includes the tongue load.

Seating capacity:
Total: 5 persons
(Front seat: 2 persons,
Rear seat: 3 persons)
Seating capacity is the maximum number of occupants including a driver, your vehicle may carry.

However the seating capacity may be reduced based upon the weight of all of the occupants, and the weight of the cargo being carried or towed. Do not overload the vehicle as there is a limit to the total weight, or load limit including occupants and cargo, the vehicle can carry.

Towing capacity:
We do not recommend using this vehicle for trailer towing.

Cargo capacity:
The cargo capacity of your vehicle will increase or decrease depending on the weight and the number of occupants and the tongue load, if your vehicle is equipped with a trailer.

Steps for Determining Correct Load Limit
(1) Locate the statement "The combined weight of occupants and cargo should never exceed XXX pounds" on your vehicle's placard.
(2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.
(3) Subtract the combined weight of the driver and passengers from XXX kilograms or XXX pounds.
(4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the "XXX" amount equals 1400 lbs, and there will be five 150 lb. passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400-750 (5 x 150) = 650 lbs.)
(5) Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

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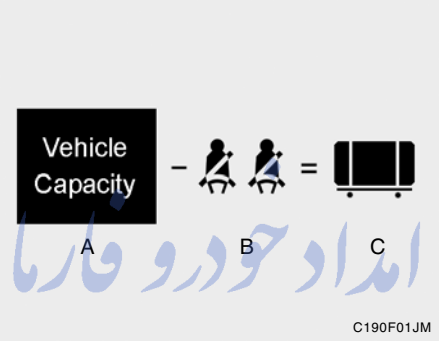
(6)If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

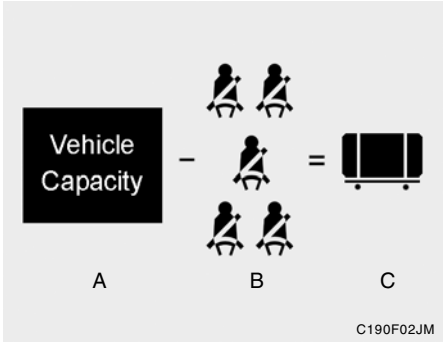
CAUTION:
We do not recommend using this vehicle for trailer towing.

Example 1



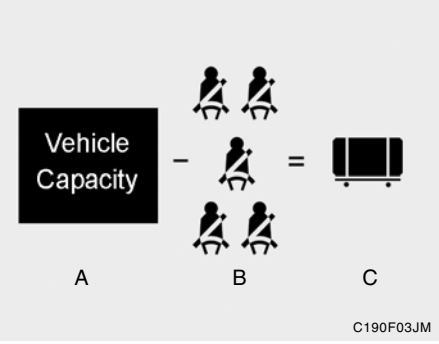
Item	Description	Total
A	Vehicle Capacity Weight	1400 lbs (635 kg)
B	Subtract Occupant Weight 150 lbs (68 kg) × 2	300 lbs (136 kg)
C	Available Cargo and Luggage Weight	1100 lbs (489 kg)

Example 2



Item	Description	Total
A	Vehicle Capacity Weight	1400 lbs (635 kg)
B	Subtract Occupant Weight 150 lbs (68 kg) x 5	750 lbs (340 kg)
C	Available Cargo and Luggage Weight	650 lbs (295 kg)

Example 3



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Item	Description	Total
A	Vehicle Capacity Weight	1400 lbs (635 kg)
B	Subtract Occupant Weight 172 lbs (78 kg) x 5	860 lbs (390 kg)
C	Available Cargo Weight	540 lbs (245 kg)

Refer to your vehicle's tire and loading information label for specific information about your vehicle's capacity weight and seating positions. The combined weight of the driver, passengers and cargo should never exceed your vehicle's capacity weight.

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C190G03JM-AAT

Compliance Label

C190G01A

The compliance label is located on the driver's side of the center pillar outer panel.

The label shows the maximum allowable weight of the fully loaded vehicle. This is called the GVWR (Gross Vehicle Weight Rating). The GVWR includes the weight of the vehicle, all occupants, fuel and cargo.

This label also tells you the maximum weights that can be supported by the front and rear axles, called Gross Axle Weight Rating (GAWR). To find out the actual loads on your front and rear axles, you need to go to a weigh station and weigh your vehicle. Your dealer can help you with this. Be sure to spread out your load equally on the left and right sides of the centerline.

WARNING:

- **Never exceed the GVWR for your vehicle, the GAWR for either the front or rear axle and vehicle capacity weight. Exceeding these ratings can cause an accident or vehicle damage. You can calculate the weight of your load by weighing the items (or people) before putting them in the vehicle. Be careful not to overload your vehicle.**
- **Do not load your vehicle any heavier than the GVWR, either the maximum front or rear GAWR and vehicle capacity weight. If you do, parts, including tires on your vehicle can break, and it can change the way your vehicle handles and braking ability. This could cause you to lose control and crash. Also, overloading can shorten the life of your vehicle.**

WARNING:

- **Overloading your vehicle can cause heat buildup in your vehicle's tires and possible tire failure that could lead to a crash.**
- **Overloading your vehicle can cause increased stopping distances that could lead to a crash.**
- **A crash resulting from poor handling vehicle damage, tire failure, or increased stopping distances could result in serious injury or death.**

NOTE:

- **Overloading your vehicle may cause damage. Repairs would not be covered by your warranty. Do not overload your vehicle.**
- **Using heavier suspension components to get added durability might not change your weight ratings. Ask your dealer to help you load your vehicle the right way.**

The label will help you decide how much cargo and installed equipment your vehicle can carry.

If you carry items inside your vehicle – like suitcases, tools, packages, or anything else – they move as fast as the vehicle goes. If you have to stop or turn quickly, or if there is a crash, the items will keep going and can cause an injury if they strike the driver or a passenger.

WARNING:

Items you carry inside your vehicle can strike and injure people in a sudden stop or turn, or in a crash.

- **Put things in the cargo area of your vehicle. Try to spread the weight evenly.**
- **Never stack items, like suitcases, inside the vehicle above the tops of the seats.**
- **Do not leave an unsecured child restraint in your vehicle.**
- **When you carry something inside the vehicle, secure it.**
- **Do not drive with a seat folded down unless necessary.**

WHAT TO DO IN AN EMERGENCY

If the Engine Will Not Start 3-2
Jump Starting 3-3
If the Engine Overheats 3-4
Tire Pressure Monitoring System (TPMS) 3-5
Spare Tire 3-10
If You Have a Flat Tire 3-11
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IF THE ENGINE WILL NOT START

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WARNING:
If the engine will not start, do not push or pull the car to start it. This could result in a collision or cause other damage. In addition, push or pull starting may cause the catalytic converter to be overloaded and create a fire hazard.

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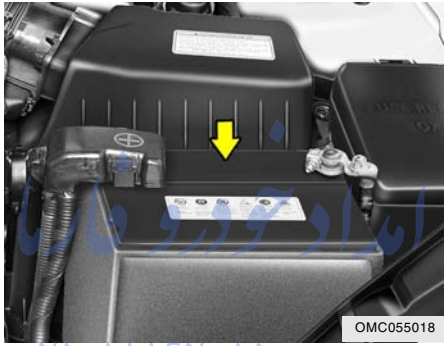
If Engine Doesn't Turn Over or Turns Over Slowly



1. If your car has an automatic transaxle, be sure the gear selector lever is in "N" or "P" and the emergency brake is set.
2. Check the battery connections to be sure they are clean and tight.
3. Turn on the interior light. If the light dims or goes out when you operate the starter, the battery is discharged.
4. Check the starter connections to be sure they are securely tightened.
5. Do not push or pull the vehicle to start it. See instructions for "Jump Starting".

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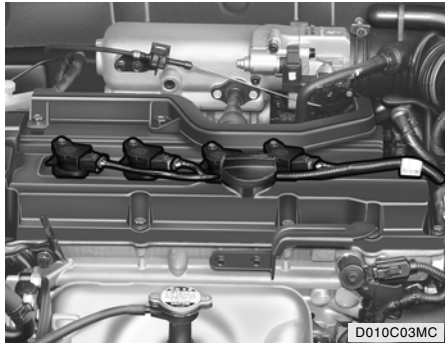
If Engine Turns Over Normally but Does Not Start



1. Check fuel level.
2. With the key in the "OFF" position, check all connectors at ignition coil and spark plugs. Reconnect any that may be disconnected or loose.
3. Check the fuel line in the engine room.
4. If the engine still refuses to start, call a Hyundai dealer or seek other qualified assistance.

D010D01A-AAT

If the Engine Stalls While Driving

1. Reduce your speed gradually, keeping a straight line. Move cautiously off the road to a safe place.
2. Turn on your emergency flashers.
3. Try to start the engine again. If your vehicle will not start, contact a Hyundai dealer or seek other qualified assistance.

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If the Engine Stalls at a Crossroad or Crossing

If the engine stalls at a crossroad or crossing, set the shift lever in the N(Neutral) position and then push the vehicle to a safe place.

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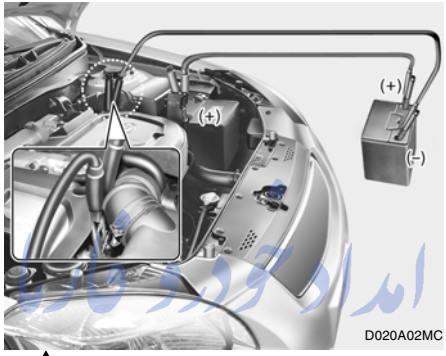

WARNING:
The gas produced by the battery during the jump-start operation is highly explosive. If these instructions are not followed exactly, serious personal injury and damage to the vehicle may occur! If you are not sure how to follow this procedure, seek qualified assistance. Automobile batteries contain sulfuric acid. This is poisonous and highly corrosive. When jump starting, wear protective glasses and be careful not to get acid on yourself, your clothing or on the car.

- If you should accidentally get acid on your skin or in your eyes, immediately remove any contaminated clothing and flush the area with clear water for at least 15 minutes. Then promptly obtain medical attention. If you must be transported to an emergency facility, continue to apply water to the affected area with a sponge or cloth.
- The gas produced by the battery during the jump-start operation is highly explosive. Do not smoke or allow a spark or open flame in the vicinity.
- The battery being used to provide the jump start must be 12-volt. If you cannot determine that it is a 12-volt battery, do not attempt to use it for the jump start.
- To jump start a car with a discharged battery, follow this procedure exactly:

1. If the booster battery is installed in another vehicle, be sure the two vehicles are not touching.
2. Turn off all unnecessary lights and accessories in both vehicles.

3. Attach the clamps of the jumper cable in the exact location shown on the previous page. First, attach one clamp of the jumper cable to the positive (+) post or cable of the discharged battery. Then attach the other end of the same cable to the positive (+) post or cable of the booster battery. Next, using the other cable, attach one clamp to the negative (-) post or cable of the booster battery. Then attach the other end of that cable to a solid metal part of the engine away from the battery. Do not connect the cable to any moving part.
4. Start the engine in the car with the booster battery and let it run for a few minutes. This will help to assure that the booster battery is fully charged. During the jumping operation, run the engine in this vehicle at about 2000 rpm.
5. Start the engine in the car with the discharged battery using the normal starting procedure. After the engine starts, leave the jumper cables connected and let the engine run at fast idle or about 2000 rpm for several minutes.
6. Carefully remove the jumper cables in the reverse order of attachment.

If you do not know why your battery became discharged (because the lights were left on, etc.), have the charging system checked by your Hyundai dealer.

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IF THE ENGINE OVERHEATS

D030A02A-AAT

If your temperature gauge indicates overheating, you experience a loss of power, or hear loud pinging or knocking, the engine is probably too hot. If this happens, you should:

1. Pull off the road and stop as soon as it is safe to do so.
2. Place the gear selector lever in "P" (automatic), or neutral (manual transaxle) and set the parking brake. If the air conditioner is on, turn it off.
3. If coolant is running out under the car or steam is coming out from the hood, stop the engine. Do not open the hood until the coolant has stopped running or the steaming has stopped. If there is no visible loss of coolant and no steam, leave the engine running and check to be sure the engine cooling fan is operating. If the fan is not running, turn the engine off.
4. Check to see if the water pump drive belt is missing. If it is not missing, check to see that it is tight. If the drive belt seems to be satisfactory, check for coolant leaking from the radiator, hoses or under the car. (If the air conditioner had been in use, it is normal for cold water to be draining from it when you stop).

TIRE PRESSURE MONITORING SYSTEM (TPMS)

WARNING:
While the engine is running, keep hands, long hair and clothing away from moving parts such as the fan and drive belts to prevent injury.

5. If the water pump drive belt is broken or coolant is leaking out, stop the engine immediately and call the nearest Hyundai dealer for assistance.

WARNING:
Do not remove the radiator cap when the engine is hot. This may allow coolant to be blown out of the opening and cause serious burns.

6. If you cannot find the cause of the overheating, wait until the engine temperature has returned to normal. Then, if coolant has been lost, carefully add water to the reservoir (Page 6-7) to bring the fluid level in the reservoir up to the halfway mark.
7. Proceed with caution, keeping alert for further signs of overheating. If overheating happens again, call a Hyundai dealer for assistance.

CAUTION:
Serious loss of coolant indicates there is a leak in the cooling system and this should be checked as soon as possible by a Hyundai dealer.

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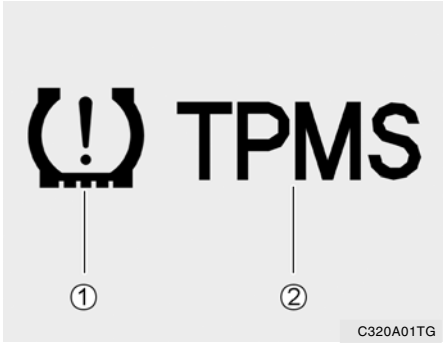
(If Installed)



① Low Tire Pressure Telltale
② TPMS Malfunction Indicator

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a Tire Pressure Monitoring System (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is provided by a separate telltale, which displays the symbol "TPMS" when illuminated. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction indicator after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

Low Tire Pressure Telltale

When the tire pressure monitoring system warning telltale is illuminated, one or more of your tires is significantly under-inflated.
Immediately reduce your speed, avoid hard cornering and anticipate increased stopping distances. You should stop and check your tires as soon as possible. Inflate the tires to the proper pressure as indicated on the vehicle's placard or tire inflation pressure label located on the driver's side center pillar outer panel. If you cannot reach a service station or if the tire cannot hold the newly added air, replace the low pressure tire with the temporary spare tire. Then the TPMS malfunction indicator or the Low Tire Pressure telltale may turn on after restarting and about 20 minutes of continuous driving before you have the low-pressure tire repaired and replaced on the vehicle.

CAUTION:
In winter or cold weather, the low tire pressure telltale may be illuminated if the tire pressure was adjusted to the recommended tire inflation pressure in warm weather. It does not mean your TPMS is malfunctioning because the decreased temperature leads to a proportional lowering of tire pressure.
When you drive your vehicle from a warm area to a cold area or from a cold area to a warm area, or the outside temperature is greatly higher or lower, you should check the tire inflation pressure and adjust the tires to the recommended tire inflation pressure.

WARNING:
Significantly low tire pressure makes the vehicle unstable and can contribute to loss of vehicle control and increased braking distances. Continued driving on low pressure tires will cause the tires to overheat and fail.

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TPMS (Tire Pressure Monitoring System) Malfunction Indicator

The TPMS malfunction indicator comes on and stays on when there is a problem with the Tire Pressure Monitoring System. If the system is able to correctly detect an under-inflation warning at the same time as system failure then it will illuminate both the TPMS malfunction and the low tire pressure telltale e.g. if Front Left sensor fails, the TPMS malfunction indicator turns on, but if Front Right, Rear Left, or Rear Right tire is under-inflated, the low tire pressure telltale may turn on at the same time as the TPMS malfunction indicator. Have the system checked by an authorized Hyundai dealer as soon as possible to determine the cause of the problem.

NOTE:
- **The TPMS malfunction indicator may be illuminated if the vehicle is moving around electric power supply cables or radio transmitters such as police stations, government and public offices, broadcasting stations, military installations, airports, or transmitting towers, etc. which can interfere with normal operation of the Tire Pressure Monitoring System (TPMS).**
- **The TPMS malfunction indicator may be illuminated if snow chains or some electronic devices, such as notebook computers, are used in the vehicle. This can interfere with normal operation of the Tire Pressure Monitoring System (TPMS).**

- **If there is a failed tire sensor, it is possible for the TPMS to temporarily learn a replacement sensor if closely driven to another vehicle that is also equipped with TPMS. In rare cases, this may temporarily delay the TPMS malfunction indicator from turning on.**

Changing a tire with TPMS

If you have a flat tire, the Low Tire Pressure telltale will turn on. Have the flat tire repaired by an authorized Hyundai dealer as soon as possible or replace the flat tire with the temporary spare tire.

NOTE:
NEVER use a puncture-repairing agent to repair and/or inflate a low pressure tire. If used, you will have to replace the tire pressure sensor.

Each wheel is equipped with a tire pressure sensor mounted inside the tire behind the valve stem. You must use TPMS specific wheels. It is recommended that you always have your tires serviced by an authorized Hyundai dealer as soon as possible.
After you replace the low pressure tire with the spare tire, the TPMS malfunction indicator or the Low Tire Pressure telltale may illuminate after restarting and about 20 minutes of continuous driving.
Once the low pressure tire is re-inflated to the recommended pressure and installed on the vehicle, the TPMS malfunction indicator and the low tire pressure telltale will be extinguished.
If the low pressure and TPMS malfunction indicators are not extinguished after about 20 minutes of continuous driving, please visit an authorized Hyundai dealer.
You may not be able to identify a low tire by simply looking at it. Always use a good quality tire pressure gauge to measure the tire's inflation pressure.

Please note that a tire that is hot (from being driven) will have a higher pressure measurement than a tire that is cold (from sitting stationary for at least 3 hours and driven less than 1 mile during that 3 hour period). Allow the tire to cool before measuring the inflation pressure.
Always be sure the tire is cold before inflating to the recommended pressure.
A cold tire means the vehicle has been sitting for 3 hours and driven for less than 1 mile in that 3 hour period.

CAUTION:

- **Do not use any tire sealant if your vehicle is equipped with a Tire Pressure Monitoring System. The liquid sealant can damage the tire pressure sensors.**
- **In order for the system to correctly monitor tires for under-inflation, there should be a total of exactly 4 sensors fitted to each of the four driven wheel positions. There should be no other sensors in the vehicle including spare tire since this could cause the system to monitor the wrong sensors.**

WARNING - TPMS

- **The TPMS cannot alert you to severe and sudden tire damage caused by external factors such as nails or road debris.**
- **If you feel any vehicle instability, immediately take your foot off the accelerator, apply the brakes gradually and with light force, and slowly move to a safe position off the road.**

WARNING:

Tampering with, modifying, or disabling the Tire Pressure Monitoring System (TPMS) components may interfere with the system's ability to warn the driver of low tire pressure conditions and/or TPMS malfunctions. Tampering with, modifying, or disabling the Tire Pressure Monitoring System (TPMS) components may void the warranty for that portion of the vehicle.

This device complies with Part 15 of the FCC rules.

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.

D040A02MC-AAT

TEMPORARY SPARE TIRE

The following instructions for the temporary spare tire should be observed:

1. Check inflation pressure as soon as is practical after installing the spare tire, and adjust to the specified pressure. The tire pressure should be periodically checked and maintained at the specified pressure while the tire is stored.

Spare Tire Pressure

Tire Size	T115/70D15
Inflation Pressure	60 psi (420 kPa)

2. The spare tire should only be used temporarily and should be returned to the luggage compartment as soon as the original tire can be repaired or replaced.
3. Continuous use at speeds of over 50 mph (80 km/h) is not recommended.
4. As the temporary spare tire is specifically designed for your car, it should not be used on any other vehicle.
5. The temporary spare tire should not be used on any other wheels, nor should standard tires, snow tires, wheel covers or trim rings be used with the temporary spare wheel. If such use is attempted, damage to these items or other car components may occur.
6. The temporary spare tire pressure should be checked once a month while the tire is stored.

CAUTION:
- **Do not use snow chains with your temporary spare tire.**
- **Do not use more than one temporary spare tire at a time.**

WARNING:
The temporary spare tire is for emergency use only. Do not operate your vehicle on this temporary spare at speeds over 50 mph (80 km/h). The original tire should be repaired or replaced as soon as is possible to avoid failure of the spare possibly leading to personal injury or death.

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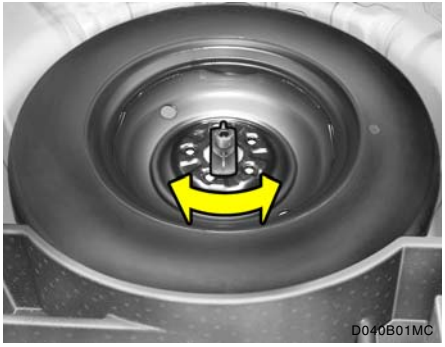
Handling the Spare Tire



Remove the installation bolt to remove the spare tire. To replace the spare tire in its storage compartment, tighten the bolt firmly with your fingers until there is no more play in the spare tire.

D050A01A-AAT

If a tire goes flat while you are driving:

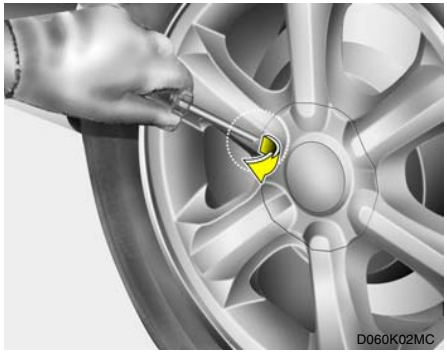
1. Take your foot off the accelerator pedal and let the car slow down while driving straight ahead. Do not apply the brakes immediately or attempt to pull off the road as this may cause a loss of control. When the car has slowed to such a speed that it is safe to do so, brake carefully and pull off the road. Drive off the road as far as possible and park on firm, level ground. If you are on a divided highway, do not park in the median area between the two traffic lanes.
2. When the car is stopped, turn on your emergency hazard flashers, set the parking brake and put the transaxle in "P" (automatic) or reverse (manual transaxle).
3. Have all passengers get out of the car. Be sure they all get out on the side of the car that is away from traffic.
4. When changing a flat tire, follow the instructions provided on the next description.

D060A01A-AAT

The procedure described on the following pages can be used to rotate tires as well as to change a flat tire. When preparing to change a flat tire, check to be sure the gear selector lever is in "P" (automatic) or reverse gear (manual transaxle) and that the parking brake is set, then:

D060K01FC-AAT

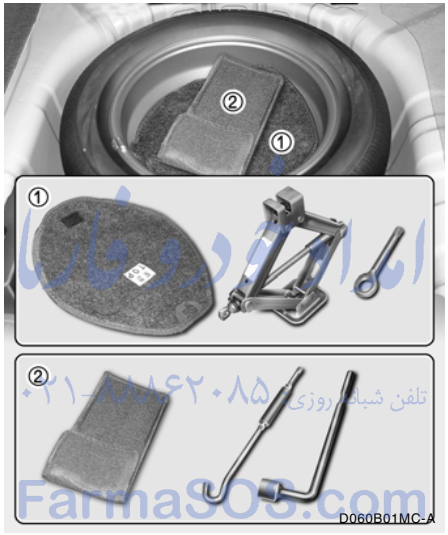
Wheel Cap (If Installed)



1. Wrap a piece of cloth around the tip of the flat-head screwdriver to avoid scratching.
2. Insert the flat-head screwdriver into the notch of the wheel cap and pry gently to remove the wheel cap.
3. Change the flat tire.
4. Reinstall the wheel cap by fitting the boss of the wheel cap in the notch of the wheel, hitting the center of the wheel cap with your hand.

D060B01MC-AAT

1. Obtain Spare Tire and Tool

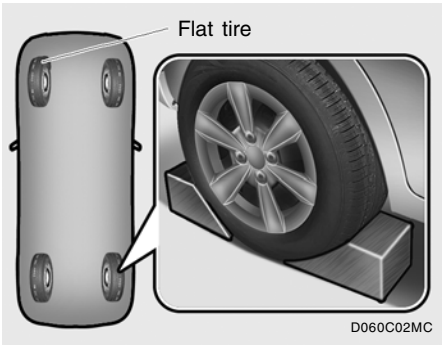


Remove the spare tire and remove the jack and tool bag from the trunk.

NOTE:
The spare tire and tool is located beneath the luggage mat in the vehicle trunk or luggage compartment.

D060C01A-AAT

2. Block the Wheel



Block the wheel that is diagonally opposite from the flat to keep the vehicle from rolling when the car is raised on the jack.

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D060D01A-AAT

3. Loosen Wheel Nuts

The wheel nuts should be loosened slightly before raising the car. To loosen the nuts, turn the wrench handle counterclockwise. When doing this, be sure that the socket is seated completely over the nut so it cannot slip off. For maximum leverage, position the wrench so the handle is to the right. Then, while holding the wrench near the end of the handle, pull up on it with steady pressure. Do not remove the nuts at this time. Just loosen them about one-half turn.

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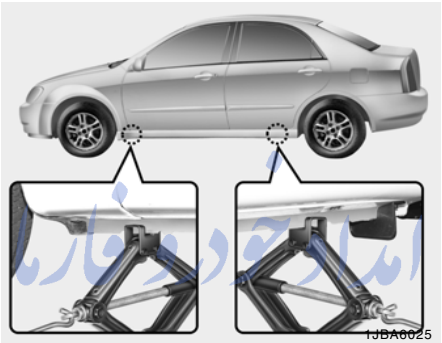
4. Put the Jack in Place



The base of the jack should be placed on firm, level ground. The jack should be positioned as shown in the drawing.

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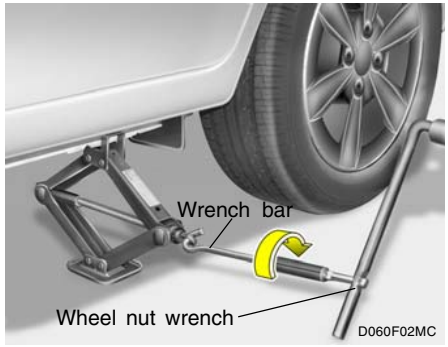
D060F02E-AAT

5. Raising the Car



After inserting a wrench bar into the wheel nut wrench, install the wrench bar into the jack as shown in the drawing. To raise the vehicle, turn the wheel nut wrench clockwise. As the jack begins to raise the vehicle, double check that it is properly positioned and will not slip. If the jack is on soft ground or sand, place a board, brick, flat stone or other object under the base of the jack to keep it from sinking.

Raise the car high enough so that the fully inflated spare tire can be installed.

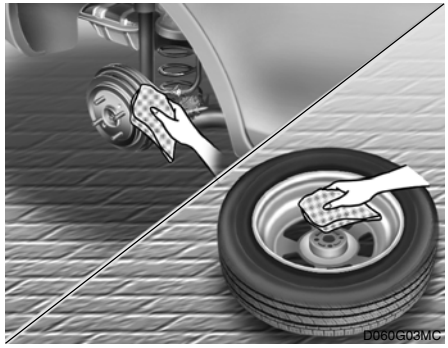
To do this, you will need more ground clearance than is required to remove the flat tire.

WARNING:
Do not get under the car when it is supported by the jack! This is very dangerous as the vehicle could fall and cause serious injury or death. No one should stay in the car while the jack is being used.

D060G02Y-AAT

6. Changing Wheels

Loosen the wheel nuts and remove them with your fingers. Slide the wheel off the studs and lay it flat so it cannot roll away. To put the wheel on the hub, pick up the spare tire, line up the holes with the studs and slide the wheel onto them. If this is difficult, tip the wheel slightly and get the top hole in the wheel lined up with the top stud. Then jiggle the wheel back and forth until the wheel can be slid over the other studs.



WARNING:
Wheels and wheel covers may have sharp edges. Handle them carefully to avoid possible severe injury.
Before putting the wheel into place, be sure that there is nothing on the hub or wheel (such as mud, tar, gravel, etc.) that interferes with the wheel fitting solidly against the hub. If there is, remove it.

WARNING:
If there is not good contact on the mounting surface between the wheel and hub, the wheel nuts could loosen and cause the loss of a wheel. Loss of a wheel may result in loss of control of the vehicle. This may cause serious injury or death.

D060H02A-AAT

7. Re-install Wheel Nuts

To reinstall the wheel cover, hold it on the studs, put the wheel nuts on the studs and tighten them finger tight. The nuts should be installed with their small diameter ends directed inward. Jiggle the tire to be sure it is completely seated, then tighten the nuts as much as possible with your fingers again.

D060I01E-GAT

8. Lower Vehicle and Tighten Nuts

Lower the car to the ground by turning the wheel nut wrench counterclockwise. Then position the wrench as shown in the drawing and tighten the wheel nuts. Be sure the socket is seated completely over the nut. Do not stand on the wrench or use an extension pipe over the wrench handle.
Go around the wheel tightening every other nut until they are all tight. Then double-check each nut for tightness. After changing wheels, have a technician tighten the wheel nuts to their proper torque as soon as possible.

Wheel nut tightening torque:

Steel wheel & aluminium alloy wheel:
65-80 lb.ft (900-1,100 kg.cm)

D060J01E-AAT

After Changing Wheels

If you have a tire gauge, remove the valve cap and check the air pressure. If the pressure is lower than recommended, drive slowly to the nearest service station and inflate to the correct pressure. If it is too high, adjust it until it is correct. Always reinstall the valve cap after checking or adjusting tire pressure. If the cap is not replaced, air may leak from the tire. If you lose a valve cap, buy another and install it as soon as possible.

After you have changed wheels, always secure the flat tire in its place in the trunk and return the jack and tools to their proper storage locations.

IF YOUR VEHICLE MUST BE TOWED

D080A01O-GAT

If your vehicle has to be towed, it should be done by your Hyundai dealer or a commercial tow truck service. This will help assure that your vehicle is not damaged in towing. Also, professionals are generally aware of local laws governing towing. In any case, rather than risk damage to your car, it is suggested that you show this information to the tow truck operator. Be sure that a safety chain system is used and that all local laws are observed.

It is recommended that your vehicle be towed with a wheel lift and dollies or flatbed equipment with all the wheels off the ground.

CAUTION:

- **Your vehicle can be damaged if towed incorrectly!**
- **Be sure the transaxle is in neutral.**
- **When the engine will not start, be sure the steering is unlocked by placing the key in the "ACC" position.**

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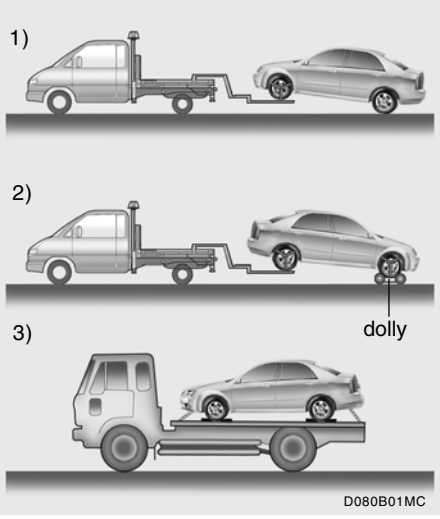
Towing the Vehicle



Your vehicle can be towed by wheel lift type truck (1), (2) or flatbed equipment (3).

CAUTION:

- **When towing the vehicle, take care not to cause damage to the bumper or underbody of the vehicle.**

- **Do not tow with sling type truck as this may cause damage to the bumper or underbody of the vehicle.**

1) If the vehicle is being towed with the rear wheels on the ground, be sure the parking brake is released.

NOTE:
Before towing, check the level of the automatic transaxle fluid. If it is below the "HOT" range on the dipstick, add fluid. If you cannot add fluid, a towing dolly must be used.

2) If any of the loaded wheels or suspension components are damaged or the vehicle is being towed with the front wheels on the ground, use a towing dolly under the front wheels.

- Manual Transaxle:
  If you do not use a towing dolly, place the ignition key in the "ACC" position and put the transaxle in "N (Neutral)".

CAUTION:
Do not tow with the key removed or in the "LOCK" position when towing from the rear without a towing dolly.

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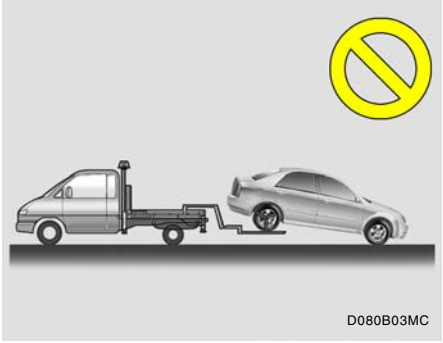
o Automatic Transaxle:
Be sure to use a towing dolly under the front wheels.

CAUTION:



A vehicle with an automatic transaxle should never be towed from the rear with the front wheels on the ground. This can cause serious damage to the transaxle.

3) It is recommended that your vehicle be towed with all the wheels off the ground.

D080D01MC-AAT

EMERGENCY TOWING

For emergency towing when no commercial tow vehicle is available, attach a tow cable, chain or strap to one of the towing hooks under the front/rear of your car. Do not attempt to tow your vehicle in this manner on any unpaved surface. This may result in serious damage to your car. Nor should it be attempted if the wheels, drive train, axles, steering or brakes are damaged. Before towing, be sure the transaxle is in neutral and the key in "ACC" (with the engine off) or in the "ON" position (with the engine running). A driver must be in the towed car to steer it and operate the brakes.

NOTE:
Before towing, check the level of the automatic transaxle fluid. If it is below the "HOT" range on the dipstick, add fluid. If you cannot add fluid, a towing dolly must be used.

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How to Use Front Towing Hook (If Installed)

(1)Open the towing hole cover by pushing it with your finger.

(2)Take out the towing hook from the jack case. To mount the towing hook, rotate it clockwise.

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NOTE:
The jack case is located on the spare tire in the trunk or luggage compartment.

CAUTION
It should be tightened firmly with your fingers until there is no more play in the towing hole. Towing hook is located in the jack case on the spare tire.

(3)Attach a tow cable, chain or strap to the towing hook on the front bumper.

NOTE:
Place the towing hook & towing hole cover in its original position when not in use.

CAUTION:
- Automatic Transaxle
If the car is being towed with all four wheels on the ground, it can be towed only from the front. Be sure that the transaxle is in neutral. Do not tow at speeds greater than 30 mph (50 km/h) and for more than 15 miles (25 km). Be sure the steering is unlocked by placing the key in the "ACC" position. A driver must be in the towed vehicle to operate the steering and brakes.

IF YOU LOSE YOUR KEYS

D120A01A-AAT

If you lose your keys, many Hyundai dealers can make you a new key if you have your key number.
If you lock the keys inside your car and you cannot obtain a new key, many Hyundai dealers can use special tools to open the door for you.

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CORROSION PREVENTION & APPEARANCE CARE

Corrosion Protection 4-2
To Help Prevent Corrosion 4-3
Washing and Waxing 4-4
Cleaning the Interior 4-6

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E010A01A-AAT

Protecting Your Hyundai from Corrosion

By using the most advanced design and construction practices to combat corrosion, Hyundai produces cars of the highest quality. However, this is only part of the job. To achieve the long term corrosion resistance your Hyundai can deliver, the owner's cooperation and assistance is also required.

E010B01A-AAT

Common Causes of Corrosion

The most common causes of corrosion on your car are:

- o Road salt, dirt and moisture that is allowed to accumulate underneath the car.
- o Removal of paint or protective coatings by stones, gravel, abrasion or minor scrapes and dents which leave unprotected metal exposed to corrosion.

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High-Corrosion Areas

If you live in an area where your car is regularly exposed to corrosive materials, corrosion protection is particularly important. Some of the common causes of accelerated corrosion are road salts, dust control chemicals, ocean air and industrial pollution.

E010D01A-AAT

Moisture Breeds Corrosion

Moisture creates the conditions in which corrosion is most likely to occur. For example, corrosion is accelerated by high humidity, particularly when temperatures are just above freezing. In such conditions, the corrosive material is kept in contact with the car surfaces by moisture that is slow to evaporate.

Mud is a particular enemy of corrosion protection because it is slow to dry and holds moisture in contact with the vehicle. Even though the mud appears to be dry, it can still retain moisture and promote corrosion.

High temperatures can also accelerate corrosion of parts that are not properly ventilated so the moisture can be dispersed. For all these reasons, it is particularly important to keep your car clean and free of mud or accumulations of other materials. This applies not only on the visible surfaces but particularly to the underside of the car.

TO HELP PREVENT CORROSION

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You can help prevent corrosion from getting started by observing the following:

E020B01A-AAT

Keep Your Car Clean

The best way to prevent corrosion is to keep your car clean and free of corrosive materials. Attention to the underside of the car is particularly important.

- o If you live in a high-corrosion area — where road salts are used, near the ocean, areas with industrial pollution, acid rain, etc.— you should take extra care to prevent corrosion. In winter, hose off the underside of your car at least once a month and be sure to clean the underside thoroughly when winter is over.
- o When cleaning underneath the car, give particular attention to the components under the fenders and other areas that are hidden from view. Do a thorough job; just dampening the accumulated mud rather than washing it away will accelerate corrosion rather than prevent it. Water under high pressure and steam are particularly effective in removing accumulated mud and corrosive materials.
- o When cleaning lower door panels, rocker panels and frame members, be sure that drain holes are kept open so that moisture can escape and not be trapped inside to ac-celerate corrosion.

E020C01A-AAT

Keep Your Garage Dry

Don't park your car in a damp, poorly ventilated garage. This creates a favorable environment for corrosion. This is particularly true if you wash your car in the garage or drive it into the garage when it is still wet or covered with snow, ice or mud. Even a heated garage can contribute to corrosion unless it is well ventilated so moisture is dispersed.

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E020D02A-AAT

Keep Paint and Trim in Good Condition

Scratches or chips in the finish should be covered with "touch-up" paint as soon as possible to reduce the possibility of corrosion. If bare metal is showing through, the attention of a qualified body and paint shop is recommended.

Bird droppings : Bird droppings are highly corrosive and may damage painted surfaces in just a few hours. Always remove bird droppings as soon as possible.

E020E01A-AAT

Don't Neglect the Interior

Moisture can collect under the floor mats and carpeting to cause corrosion. Check under the mats periodically to be sure the carpeting is dry. Use particular care if you carry fertilizers, cleaning materials or chemicals in the car.
These should be carried only in proper containers and any spills or leaks should be cleaned up, flushed with clear water and thoroughly dried.

WASHING AND WAXING

E030A02A-AAT

Washing Your Hyundai

Never wash your car when the surface is hot from being in the sun. Always wash your car in the shade.

Wash your car frequently. Dirt is abrasive and can scratch the paint if it is not removed. Air pollution or acid rain may damage the paint and trim through chemical action if pollutants are allowed to remain in contact with the surface. If you live near the ocean or in an area where road salts or dust control chemicals are used, you should pay particular attention to the underside of the car. Start by rinsing the car to remove dust and loose dirt. In winter, or if you have driven through mud or muddy water, be sure to thoroughly clean the underside as well. Use a hard direct stream of water to remove accumulations of mud or corrosive materials. Use a good quality car-washing solution and follow the manufacturer's directions on the package. These are available at your Hyundai dealer or auto parts outlet. Don't use strong household detergents, gasoline, strong solvents or abrasive cleaning powders as these may damage the finish.

Use a clean sponge or cloth, rinse it frequently and don't damage the finish by rubbing too hard. For stubborn spots, dampen them frequently and remove them a little at a time.

To clean whitewall tires, use a stiff brush or soap-impregnated steel-wool scouring pad.

To clean plastic wheel covers, use a clean sponge or soft cloth and water.

To clean cast aluminum alloy wheels, use a mild soap or neutral detergent. Do not use abrasive cleaners. Protect the bare-metal surfaces by cleaning, polishing and waxing. Because aluminum is subject to corrosion, be sure to give aluminum alloy wheels special attention in winter. If you drive on salted roads, clean the wheels thoroughly afterwards.

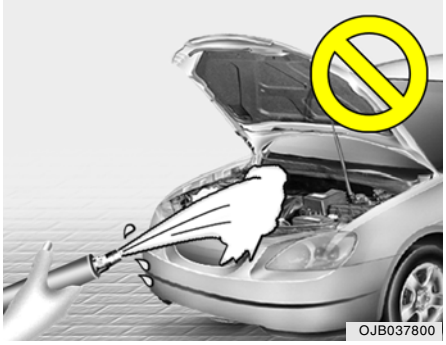
After washing, be sure to rinse thoroughly. If soapy water dries on the finish, streaking will result.

When the weather is warm and the humidity low, you may find it necessary to rinse each section immediately after washing to avoid streaking.

After rinsing, dry the car using a damp chamois or soft, absorbent cloth. The reason for drying the car is to remove water from the car so it will dry without water spots. Don't rub, this can damage the finish.

If you find any nicks or scratches in the paint, use touch-up paint to cover them to prevent corrosion. To protect the paintwork of the car against corrosion, you must clean your Hyundai (at least once a month). Give special attention to the removal of salt, mud and other substances on the underside of the splashboards of the car. Make sure that the outlets and the underside of the doors are open. Paint damage can be caused by small accumulation of tar, industrial precipitation, tree resin, insects and bird droppings, when not removed immediately.
If water alone is not strong enough to remove the accumulated dirt, use a mild car washing solution. Be sure to rinse the surface after washing to remove the solution. Never allow the solution to dry on the painted surfaces.

CAUTION:



- **Water washing in the engine compartment including high pressure water washing may cause the failure of electrical circuits located in the engine compartment.**
- **Never allow water or other liquids to come in contact with electrical/electronic components inside the vehicle as this may damage them.**

E030B01A-AAT

Spot Cleaning

Don't use gasoline, strong solvents or corrosive cleaning agents. These can damage the finish of the car. To remove road tar, use turpentine on a clean, soft cloth. Be gentle.
To remove dead insects or tree sap, use warm water and mild soap or car-washing solution. Soak the spot and rub gently. If the paint has lost its luster, use a commercial car-cleaning polish.

E030C01A-AAT

Polishing and Waxing

Always wash and dry the car before polishing or waxing or using a combination cleaner and wax. Use a good quality commercial product and follow the manufacturer's directions on the container. Polish and wax the bright trim pieces as well as the paint.

E030D01A-AAT

When to Wax Again

You should polish and wax the car again when water no longer beads on a clean surface but spreads out over a larger area.

E030E01A-AAT

Maintaining Bumpers

Special precautions must be observed to preserve the appearance of the bumpers on your Hyundai. They are:

- Be careful not to spill battery electrolyte or hydraulic brake fluid on the bumpers. If you do, wash it off immediately with clean water.
- Be gentle when cleaning the bumper surfaces. They are made of soft plastic and the surface can be damaged if mistreated. Do not use abrasive cleaners. Use warm water and mild soap or carwashing solution.
- Do not expose the bumpers to high temperatures. For example, if you have your car repainted, do not leave the bumpers on the car if the car is going to be placed in a high-temperature paint booth.

CLEANING THE INTERIOR

E040A01A-AAT

To Clean the Vinyl Upholstery

To clean the vinyl upholstery, first remove loose dirt and dust with a vacuum cleaner. Then apply a solution of mild soap or detergent and water using a clean sponge or soft cloth. Allow this to stay on the surface to loosen the dirt, then wipe with a clean damp sponge or cloth. If all the dirt stains are not removed, repeat this procedure until the upholstery is clean. Do not use gasoline, solvent, paint thinner or other strong cleaners.

E040C01A-AAT

Cleaning the Carpets

Use a foam-type carpet cleaner. Cleaners of this type are available in aerosol cans in liquid form or powder. Read the instructions and follow them exactly. Using a vacuum cleaner with the appropriate attachment, remove as much dirt from the carpets as possible. Apply the foam following the manufacturer's directions, then rub in overlapping circles. Do not add water. These cleaners work best when the carpet is kept as dry as possible.

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E040D01A-AAT

Cleaning the Seat Belts

To clean the seat belts, use a cloth or sponge with mild soap or detergent and warm water. Do not use strong detergents, dye, bleach or abrasive materials on the seat belts as this may weaken the fabric.
While cleaning the belts, inspect them for excessive wear, cuts, fraying or other signs of damage and replace them if necessary.

E040E01A-AAT

Cleaning the Windows

You may use any household window cleaner on the windows. However, when cleaning the inside of the rear window be careful not to damage the rear window defroster wiring.

ANY QUESTIONS?

E050A01A-AAT

If you have any questions about the care of your car, consult your Hyundai dealer.

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VEHICLE MAINTENANCE REQUIREMENTS

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Scheduled Maintenance 5-4
Maintenance under Severe Usage Conditions 5-6
Explanation of Scheduled Maintenance Items 5-7
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F010A01A-AAT

Service Requirements

To ensure that you receive the greatest number of miles of satisfying operation from your Hyundai, certain maintenance procedures must be performed. Although careful design and engineering have reduced these to a minimum, those that are required are of the utmost importance.
It is your responsibility to have these maintenance procedures performed to comply with the terms of the warranties covering your new Hyundai. The Owner's Handbook supplied with your new vehicle provides further information about these warranties.

F010B01A-AAT

Maintenance Requirements

The maintenance required for your Hyundai can be divided into three main areas:

- o Specified scheduled procedures
- o General checks
- o Do-it-yourself maintenance

F010C01A-AAT

Specified Scheduled Procedures

These are the procedures such as inspections, adjustments and replacements that are listed in the maintenance charts starting on page 5-4. These procedures must be performed at the intervals shown in the maintenance schedule to assure that your warranty remains in effect. Although it is strongly recommended that they be performed by the factory-trained or distributor-trained technicians at your Hyundai dealer, these procedures may be performed at any qualified service facility.
It is suggested that genuine Hyundai service parts be used for any required repairs or replacements. Other parts of equivalent quality such as engine oil, engine coolant, manual or auto transaxle oil, brake fluid and so on which are not supplied by Hyundai Motor Company or its distributor may be used without affecting your warranty coverage but you should always be sure these are equivalent to the quality of the original Hyundai parts. Your Owner's Handbook provides further information about your warranty coverage.

F010D01A-AAT

General Checks

These are the regular checks you should perform when you drive your Hyundai or you fill the fuel tank. A list of these items will be found on page 6-3.

F010E01A-AAT

Do-It-Yourself Maintenance

If you are mechanically inclined, own a few tools that are required and want to take the time to do so, you can inspect and service a number of items. For more information about doing it yourself, see Section 6.

SCHEDULED MAINTENANCE REQUIREMENTS

F010F01A-AAT

A Few Tips

- Whenever you have your Hyundai serviced, keep copies of the service records in your glove box. This will help ensure that you can document that the required procedures have been performed to keep your warranties in effect. This is especially important when service is not performed by an authorized Hyundai dealer.
- If you choose to do your own maintenance and repairs, you may find it helpful to have an official Hyundai Shop Manual. A copy of this publication may be purchased at your Hyundai dealer's parts department.

F020A02A-AAT

- Inspection should be performed any time a malfunction is experienced or suspected.
- Receipts for all emission control system services should be retained to demonstrate compliance with conditions of the emissions system warranty.
- After 120 months or 150,000 miles (240,000 km), continue to follow the prescribed maintenance intervals.
- For severe usage maintenance requirements, see page 5-6 of this section.

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SCHEDULED MAINTENANCE

F030A01A-AAT

The following maintenance services must be performed to assure good vehicle control and performance. Keep receipts for all vehicle services to protect your warranty. Where both mileage and time are shown, the frequency of service is determined by whichever occurs first.

F030B02MC-AAT

R : Replace I : Inspect and, after inspection, clean, adjust, repair or replace if necessary

No.	DESCRIPTION	MILES X 1000	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	97.5	105	112.5	120	127.5	135	142.5	150
		KILOMETERS X 1000	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
		MONTHS	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	EMISSION CONTROL ITEMS																					
1	ENGINE OIL AND FILTER		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
2	FUEL FILTER								R							R						
3	FUEL LINES, FUEL HOSES AND CONNECTIONS					I				I				I				I				I
4	VACUUM HOSE		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
5	CRANKCASE VENTILATION HOSE					I				I				I				I				I
6	VAPOR HOSE AND FUEL FILLER CAP					I				I				I				I				I
7	AIR CLEANER FILTER		I	I	I	R	I	I	I	R	I	I	I	R	I	I	I	R	I	I	I	R
8	FUEL TANK AIR FILTER			I		R		I		R		I		R		I		R		I		R
9	SPARK PLUGS					R				R				R				R				R

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F030C2MC-AAT

R : Replace I : Inspect and, after inspection, clean, adjust, repair or replace if necessary

No.	DESCRIPTION	MILES X 1000	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	97.5	105	112.5	120	127.5	135	142.5	150
		KILOMETERS X 1000	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
		MONTHS	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	GENERAL ITEMS																					
1	DRIVE BELT (WATER PUMP, ALTERNATOR AND A/CON)					I				I				I				I				I
2	COOLANT		See Note *1																			
3	TIMING BELT					I				R				I				R				I
4	MANUAL TRANSAXLE OIL					I				I				I				I				I
5	AUTOMATIC TRANSAXLE FLUID			I		I		I		I		I		I		R		I		I		I
6	BRAKE FLUID					I				I				I				I				I
7	BRAKE HOSES AND LINES			I		I		I		I		I		I		I		I		I		I
8	REAR BRAKE DRUMS/LININGS, PARKING BRAKE					I				I				I				I				I
9	BRAKE PADS, CALIPERS AND ROTORS			I		I		I		I		I		I		I		I		I		I
10	EXHAUST PIPE AND MUFFLER			I		I		I		I		I		I		I		I		I		I
11	SUSPENSION MOUNTING BOLTS			I		I		I		I		I		I		I		I		I		I
12	STEERING GEAR BOX, LINKAGE & BOOTS/LOWER ARM BALL JOINT			I		I		I		I		I		I		I		I		I		I
13	POWER STEERING PUMP, BELT AND HOSES					I				I				I				I				I
14	DRIVESHAFTS AND BOOTS			I		I		I		I		I		I		I		I		I		I
15	AIR CONDITIONING REFRIGERANT			I		I		I		I		I		I		I		I		I		I
16	CLIMATE CONTROL AIR FILTER		See Note *2																			

Note :

*1. FOR THE FIRST TIME, REPLACE THE COOLANT AT 60,000 MILES (96,000 KM) OR 60 MONTHS.
AFTER THAT, REPLACE IT EVERY 30,000 MILES (48,000 KM) OR 24 MONTHS.

*2. FOR EVERY 10,000 MILES (15,000 KM) OR 12 MONTHS, WHICHEVER OCCURS FIRST : "R"

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MAINTENANCE UNDER SEVERE USAGE CONDITIONS

F040A02MC-AAT

The following items must be serviced more frequently on cars normally used under severe driving conditions. Refer to the chart below for the appropriate maintenance intervals.

R : Replace I : Inspect and, after inspection, clean, adjust, repair or replace if necessary

MAINTENANCE ITEM	MAINTENANCE OPERATION	MAINTENANCE INTERVALS	DRIVING CONDITION
ENGINE OIL AND FILTER	R	EVERY 3,000 MILES (4,800 KM) OR 3 MONTHS	A, B, C, D, E, F, G, H, I, K
AIR CLEANER FILTER	R	MORE FREQUENTLY	C, E
SPARK PLUGS	R	MORE FREQUENTLY	B, H
BRAKE PADS, CALIPERS AND ROTORS	I	MORE FREQUENTLY	C, D, G, H
REAR BRAKE DRUMS/LININGS, PARKING BRAKE	I	MORE FREQUENTLY	C, D, G, H
STEERING GEAR BOX, LINKAGE & BOOTS/LOWER ARM BALL JOINT	I	MORE FREQUENTLY	C, D, E, F, G, H, I
DRIVESHAFTS AND BOOTS	I	EVERY 7,500 MILES (12,000 KM) OR 6 MONTHS	C, E, F
TIMING BELT	R	EVERY 37,500 MILES (60,000 KM) OR 48 MONTHS	B, C, D, E, F, G
MANUAL TRANSAXLE OIL	R	EVERY 60,000 MILES (96,000 KM)	A, C, D, E, F, G, H, I, J
AUTOMATIC TRANSAXLE FLUID	R	EVERY 30,000 MILES (48,000 KM)	A, C, E, F, G, H, I
CLIMATE CONTROL AIR FILTER	R	MORE FREQUENTLY	C, E

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SEVERE DRIVING CONDITIONS

A - Repeatedly driving short distance of less than 5miles (8km) in normal temperature or less than 10miles (16km) in freezing temperature
B - Extensive engine idling or low speed driving for long distances
C - Driving on rough, dusty, muddy, unpaved, graveled or salt- spread roads
D - Driving in areas using salt or other corrosive materials or in very cold weather
E - Driving in sandy areas
F - Driving in heavy traffic area over 90°F (32°C)
G - Driving on uphill, downhill, or mountain road
H - Towing a Trailer, or using a camper, or roof rack
I - Driving as a patrol car, taxi, other commercial use or vehicle towing
J - Driving over 100 MPH (170 Km/h)
K - Frequently driving in stop-and-go conditions

EXPLANATION OF SCHEDULED MAINTENANCE ITEMS

F060M01A-AAT

o Engine Oil and Filter

The engine oil and filter should be changed at the intervals specified in the maintenance schedule. If the car is being driven in severe conditions, more frequent oil and filter changes are required.

F060C01A-AAT

o Fuel Filter

A clogged filter can limit the speed at which the vehicle may be driven, damage the emission system and cause hard starting. If an excessive amount of foreign matter accumulates in the fuel tank, the filter may require replacement more frequently.
After installing a new filter, run the engine for several minutes, and check for leaks at the connections.
Fuel filters should be installed by trained technicians.

F060D01A-AAT

o Fuel Lines, Fuel Hoses and Connections

Check the fuel lines, fuel hoses and connections for leakage and damage. Have a trained techincian, replace any damaged or leaking parts immediately.

F060F01A-AAT

o Vacuum, Crankcase Ventilation Hoses

Inspect the surface of hoses for evidence of heat and/or mechanical damage. Hard and brittle rubber, cracking, tears, cuts, abrasions, and excessive swelling indicate deterioration. Particular attention should be paid to examine those hose surfaces nearest to high heat sources, such as the exhaust manifold.
Inspect the hose routing to assure that the hoses do not come in contact with any heat source, sharp edges or moving component which might cause heat damage or mechanical wear. Inspect all hose connections, such as clamps and couplings, to make sure they are secure, and that no leaks are present. Hoses should be replaced immediately if there is any evidence of deterioration or damage.

F060G01A-AAT

o Vapor Hose and Fuel Filler Cap

The vapor hose and fuel filler cap should be inspected at those intervals specified in the maintenance schedule. Make sure that a new vapor hose or fuel filler cap is correctly replaced.

F060H01A-AAT

o Air Cleaner Filter

A Genuine Hyundai air cleaner filter is recommended when the filter is replaced.

F060J01A-AAT

o Spark Plugs

Make sure to install new spark plugs of the correct heat range.

F060B01A-AAT

o Drive Belts

Inspect all drive belts for evidence of cuts, cracks, excessive wear or oil saturation and replace if necessary. Drive belts should be checked periodically for proper tension and adjusted as necessary.

F070C01A-AAT

o Coolant

The coolant should be changed at the intervals specified in the maintenance schedule.

F060E01A-AAT

o Timing Belt

Inspect all parts related to the timing belt for damage and deformation. Replace any damaged parts immediately.

F070D01A-AAT

o Manual Transaxle Oil

Inspect the manual transaxle oil according to the maintenance schedule.

NOTE:
If the oil level is low, check for possible leaks before adding oil. Do not overfill.

F070E06A-AAT

o Automatic Transaxle Fluid

The fluid level should be in the “HOT” range of the dipstick, after the engine and transaxle are at normal operating temperature. Check the automatic transaxle fluid level with the engine running and the transaxle in neutral, with the parking brake properly applied. Use HYUNDAI GENUINE ATF SP III, DIAMOND ATF SP III, SK ATF SP III or other brands meeting the SP III specification approved by Hyundai Motor Co. when adding or changing fluid. Using the wrong ATF may result in damage to the ATM.

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F070G02A-AAT

o Brake Fluid

Check brake fluid level in the brake fluid reservoir. The level should be between "MIN" and "MAX" marks on the side of the reservoir. Use only hydraulic brake fluid conforming to DOT 3 or DOT 4.

F070F01A-AAT

o Brake Hoses and Lines

Visually check for proper installation, chafing, cracks, deterioration and any leakage. Replace any deteriorated or damaged parts immediately.

F070H01A-AAT

o Rear Brake Drums/Linings, Parking Brake

Check the rear brake drums and linings for scoring, burning, leaking fluid, broken parts, and excessive wear. Inspect the parking brake system including the parking brake lever and cables. For detailed service procedures, refer to the Shop Manual.

F070J01A-AAT

o Brake Pads, Calipers and Rotors

Check the pads for excessive wear, discs for run out and wear, and calipers for fluid leakage.

F070K01A-AAT

o Exhaust Pipe and Muffler

Visually inspect the exhaust pipes, muffler and hangers for cracks, deterioration, or damage. Start the engine and listen carefully for any exhaust gas leakage. Tighten connections or replace parts as necessary.

F070L01A-AAT

o Suspension Mounting Bolts

Check the suspension connections for looseness or damage. Retighten to the specified torque.

F070M01A-AAT

o Steering Gear Box, Linkage & Boots/Lower Arm Ball Joint

With the vehicle stopped and engine off, check for excessive free-play in the steering wheel. Check the linkage for bends or damage. Check the dust boots and ball joints for deterioration, cracks, or damage. Replace any damaged parts.

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F070N01A-AAT

o Power Steering Pump, Belt and Hoses

Check the power steering pump and hoses for leakage and damage. Replace any damaged or leaking parts immediately. Inspect the power steering belt for evidence of cuts, cracks, excessive wear, oiliness and proper tension. Replace or adjust it if necessary.

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F070P01A-AAT

o Driveshafts and Boots

Check the drive shafts, boots and clamps for cracks, deterioration, or damage. Replace any damaged parts and, if necessary, repack the grease.

F070Q01A-AAT

o Air Conditioning Refrigerant

Check the air conditioning lines and connections for leakage and damage. Check air conditioning performance according to the relevant shop manual if necessary.

CALIFORNIA PERCHLORATE NOTICE

F080A01NF-AAT

Perchlorate Material-special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Notice to California Vehicle Dismantlers: Perchlorate containing materials, such as airbag inflators, seatbelt pretensioners and keyless remote entry batteries, must be disposed of according to Title 22 California Code of Regulations Section 67384.10 (a).

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DO-IT-YOURSELF MAINTENANCE

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2

ENGINE COMPARTMENT

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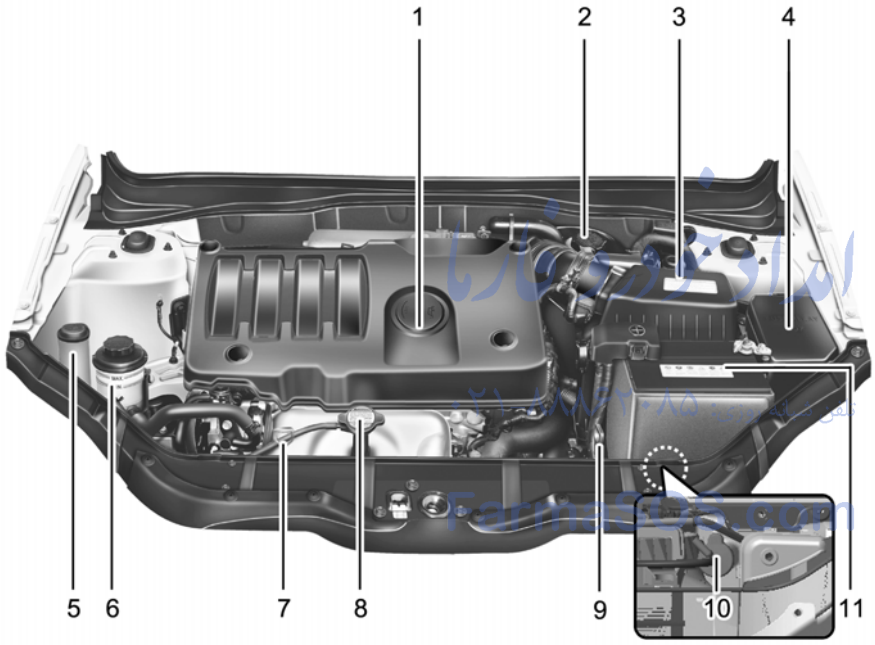

CAUTION:
When inspecting or servicing the engine, you should handle tools and other heavy objects carefully so that the plastic cover of the engine is not damaged.

OMC059036L

1. Engine oil filler cap 6-6
2. Brake fluid reservoir 6-13
3. Air cleaner filter 6-8
4. Fuse/Relay box 6-16
5. Windshield washer fluid reservoir cap 6-10
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9. Automatic transaxle fluid level dipstick (If Installed) 6-12
10. Engine coolant reservoir 6-7
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GENERAL CHECKS

G020A01A-AAT

Engine Compartment

The following should be checked regularly:

- o Engine oil level and condition
- o Transaxle fluid level and condition
- o Brake fluid level
- o Clutch fluid level
- o Engine coolant level
- o Windshield washer fluid level
- o Accessory drive belt condition
- o Engine coolant hose condition
- o Fluid leaks (on or below components)
- o Power steering fluid level and condition
- o Battery condition
- o Air cleaner filter condition

G020B01A-AAT

Vehicle Exterior

The following should be checked monthly:

- o Overall appearance and condition
- o Wheel condition and wheel nut tightness
- o Exhaust system condition
- o Light condition and operation
- o Windshield glass condition
- o Wiper blade condition
- o Paint condition and body corrosion
- o Fluid leaks
- o Door and hood lock condition
- o Tire pressure and condition (including spare tire)

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G020C01A-AAT

Vehicle Interior

The following should be checked each time when the vehicle is driven:

- o Light operation
- o Windshield wiper operation
- o Horn operation
- o Defroster, heater system operation (and air conditioning, if installed)
- o Steering operation and condition
- o Mirror condition and operation
- o Turn signal operation
- o Accelerator pedal operation
- o Brake operation, including parking brake
- o Manual transaxle operation, including clutchoperation
- o Automatic transaxle operation, including "Park" mechanism operation
- o Seat control condition and operation
- o Seat belt condition and operation
- o Sun visor operation

If you notice anything that does not operate correctly or appear to be functioning correctly, inspect it carefully and seek assistance from your Hyundai dealer if service is needed.

MAINTENANCE PRECAUTIONS

G020D01TG-GAT

Improper or incomplete service may result in problems. This section gives instructions only for the maintenance items that are easy to perform.
Several procedures should be done by an authorized Hyundai dealer.

NOTE:
Improper owner maintenance during the warranty period may affect warranty coverage.

WARNING:
- **Performing maintenance work on a vehicle can be dangerous. You can be seriously injured while performing some maintenance procedures. If you lack sufficient knowledge and experience or the proper tools and equipment to do the work, have it done by an authorized Hyundai dealer.**
- **Working under the hood with the engine running is dangerous. It becomes even more dangerous when you wear jewelry or loose clothing. These can become entangled in moving parts and result in injury. Therefore, if you must run the engine while working under the hood, make certain that you remove all jewelry (especially rings, bracelets, watches, and necklaces) and all neckties, scarves, and similar loose clothing before getting near the engine or cooling fans.**

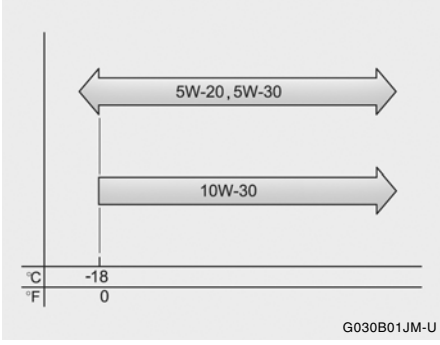
CHECKING THE ENGINE OIL

G030A01A-AAT

Engine oil is essential to the performance and service of the engine. It is suggested that you check the oil level at least once a week in normal use and more often if you are on a trip or driving in severe conditions.

G030B01O-AAT

Recommended Oil



G030B01JM-U

The engine oil quality should meet the following classification.

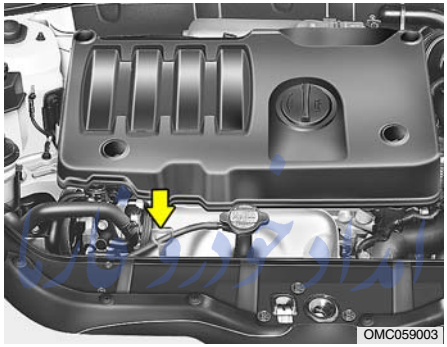
API SJ, SL or ABOVE,
ILSAC GF-3 or ABOVE

NOTE:

- **For good fuel economy, SAE 5W-20 (5W-30), ILSAC GF-3 engine oil is preferred regardless of regional option and engine variation.**
- **If SAE 5W-20, ILSAC GF-3 engine oil is not available, secondary recommended engine oil for corresponding temperature range can be used.**

G030C01JM-AAT

To Check the Oil Level



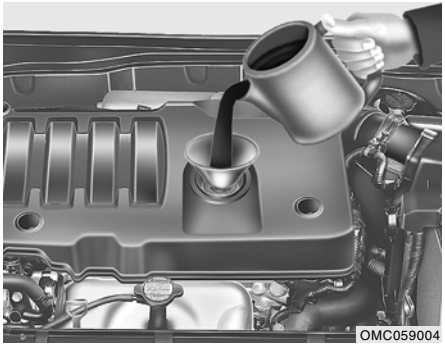
Before checking the oil, warm up the engine to the normal operating temperature and be sure it is parked on level ground. Turn the engine off.

Wait five minutes, then remove the dipstick, wipe it off, fully reinsert the dipstick and withdraw it again. Then note the highest level the oil has reached on the dipstick. It should be between the upper ("F") and lower ("L") range.

WARNING:
Be very careful not to touch the radiator hose when checking the engine oil as it may be hot enough to burn you.

G030D02MC-AAT

Adding Oil



If the oil level is close to or below the "L" mark, add oil until it reaches the "F" mark. To add oil:

1. Remove the oil filler cap by turning it counterclockwise.
2. Add oil, then check the level again. Do not overfill.
3. Replace the cap by turning it clockwise.

The distance between the "F" and "L" marks is equal to about 1 quart of oil.

CAUTION:
Slowly pour the recommended oil by using a funnel. Do not overfill so as not to damage engine.

WARNING:
Be very careful not to touch the radiator hose when adding the engine oil as it may be hot enough to burn you.

NOTE:
- **It is recommended that the engine oil and filter should be changed by an authorized Hyundai dealer.**
- **Always dispose of used engine oil in an environmentally acceptable manner. It is suggested that it be placed in a sealed container and taken to a service station for reclaimation. Do not pour the oil on the ground or put it into the household trash.**

PROPOSITION 65 WARNING:
Engine oil contains chemicals known to the State of California to cause cancer, birth defects and reproductive harm. Used engine oil may cause irritation or cancer of the skin if left in contact with the skin for prolonged periods of time. Used engine oil contains chemicals that have caused cancer in laboratory animals. Always protect your skin by washing your hands thoroughly with soap and warm water as soon as possible after handling used oil.

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CHECKING AND CHANGING THE ENGINE COOLANT

G050A01TG-AAT

WARNING:
Do not remove the radiator cap when the engine is hot. When the engine is hot, the engine coolant is under pressure and may erupt through the opening if the cap is removed. You could be seriously burned if you do not observe this precaution. Do not remove the radiator cap until the radiator is cool to the touch.

NOTE:
It is recommended that the engine coolant should be changed by an authorized Hyundai dealer.

G050B01A-AAT

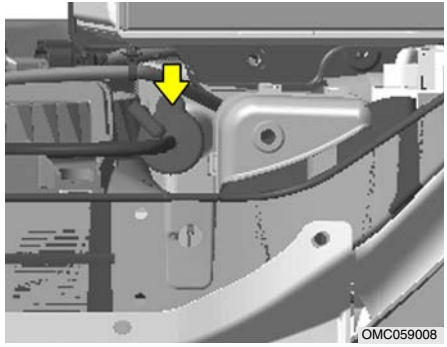
Recommended Engine Coolant

Use a high quality ethylene-glycol coolant in a 50/50 mix with water. The engine coolant should be compatible with aluminum engine parts. Additional corrosion inhibitors or additives should not be used. The cooling system must be maintained with the correct concentration and type of engine coolant to prevent freezing and corrosion.
Never allow the concentration of antifreeze to exceed the 60% level or go below the 35% level or damage to the coolant system may result. For proper concentration when adding or replacing the coolant, refer to the following table.

Ambient temperature °F (°C)	Engine coolant concentration	
	Antifreeze solution	Water
5 (-15)	35%	65%
-13 (-25)	40%	60%
-31 (-35)	50%	50%
-49 (-45)	60%	40%

G050C01TG-AAT

To Check the Coolant Level



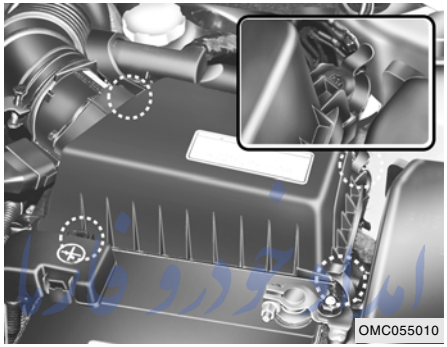
The coolant level can be seen on the side of the plastic coolant reservoir. The level of the coolant should be between the "L" and "F" lines on the reservoir when the engine is cool. If the level is below the "L" mark, add engine coolant to bring it up between "L" and "F". If the level is low, inspect for coolant leaks and recheck the fluid level frequently. If the level drops again, visit your Hyundai dealer for an inspection and diagnosis of the reason.

CAUTION:
- **Engine coolant can damage the finish of your car. If you spill engine coolant on the car, wash it off thoroughly with clean water.**
- **The engine in your vehicle has aluminum engine parts and must be protected by an ethylene-glycol base coolant to prevent corrosion and freezing.**
  Do not use hard water. Hard water can cause engine damage from corrosion, overheating or freezing.

WARNING:
The cooling fan is controlled by engine coolant temperature and may sometimes operate even when the engine is not running. Use extreme caution when working near the blades of the cooling fan so that you are not injured by a rotating fan blade. As the engine coolant temperature decreases, the fan will automatically shut off. This is a normal condition.

CHANGING THE AIR CLEANER FILTER

G070A03Y-AAT



The replacement of air cleaner filter is performed in the following manner.

1. Unsnap the clips around the cover.
2. When this is done, the cover can be lifted off, the old filter removed and the new filter put in its place.

Genuine Hyundai replacement parts are recommended.

CAUTION:
- **Operating your vehicle without a proper air filter in place can result in excessive engine wear.**
- **When removing the air cleaner filter, be careful that dust or dirt does not enter the air intake. These may result in damage to the air cleaner filter.**

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WINDSHIELD WIPER BLADES

G080A02A-AAT

The wiper blades should be carefully inspected from time to time and cleaned to remove accumulations of road film or other debris. To clean the wiper blades and arms, use a clean sponge or cloth with a mild soap or detergent and water. If the wipers continue to streak or smear the glass, replace them with genuine Hyundai replacement parts or their equivalent.

CAUTION:

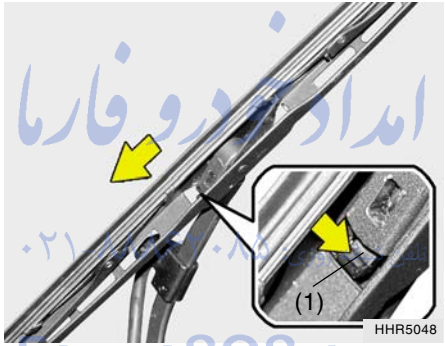
- **Do not operate the wipers on dry glass. This can result in more rapid wear of the wiper blades and may scratch the glass.**
- **Keep the blade rubber out of contact with petroleum products such as engine oil, gasoline, etc.**

G080B01HR-GAT

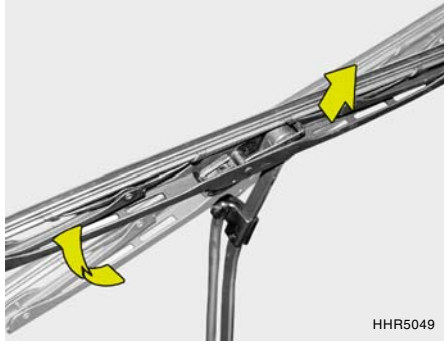
Replacing the Wiper Blades

To replace the wiper blades, raise the wiper to the vertical.

To remove the wiper blade

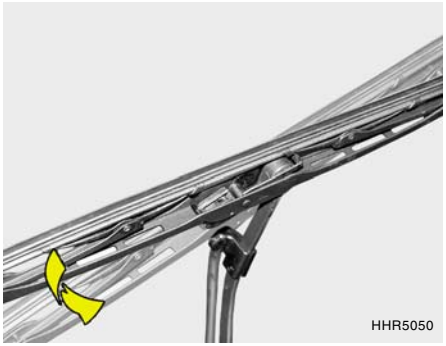


1. Push down the wiper blade with the locking clip (1) pressed to detach it from the wiper arm.

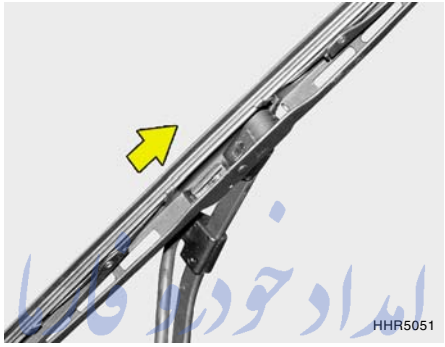


2. Raise the wiper blade lightly and pull up it.

To install the wiper blade



1. Put a new wiper blade onto the wiper arm and lower the wiper blade at the level of the wiper arm as shown in the drawing.



2. Pull up the wiper blade until you hear an audible "click" to engage in the end of the wiper arm.

NOTE:
Do not allow the wiper arm to fall against the windshield.

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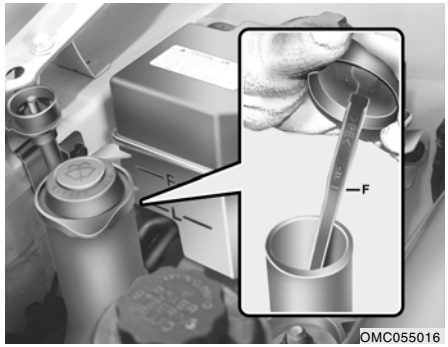
FILLING THE WASHER RESERVOIR

G090A01MC-AAT



A good quality washer fluid should be used to fill the washer reservoir. The fluid level should be checked more frequently during inclement weather or whenever the washer system is in more frequent use.

CAUTION:
- **Radiator anti-freeze (engine coolant) should not be used in the washer system because it will damage the car's finish.**
- **The washer should not be operated if the washer reservoir is empty. This can damage the washer fluid pump.**

WARNING:
- **Windshield washer fluid agents contain some amounts of alcohol and can be flammable under certain circumstances. Do not allow sparks or flame to contact the washer fluid or the washer fluid reservoir. Damage to the vehicle or its occupants could occur.**
- **Windshield washer fluid is poisonous to humans and animals. Do not drink windshield washer fluid. Serious injury or death could occur.**

CHECKING THE TRANSAXLE OIL (MANUAL)

G100A01MC-GAT

Transaxle lubricant in the manual transaxle should be checked at those intervals specified in the vehicle maintenance schedule in Section 5.

WARNING:
It is always better to check the transaxle oil level when the engine is cool or cold. If the engine is hot, you should exercise great caution to avoid burning yourself on hot engine or exhaust parts.

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NOTE:
It is recommended that the manual transaxle fluid should be checked by an authorized Hyundai dealer.

CHECKING THE TRANSAXLE FLUID (AUTOMATIC)

G110A01MC-AAT

Transaxle fluid in the automatic transaxle should be checked at those intervals specified in the vehicle maintenance schedule in Section 5.

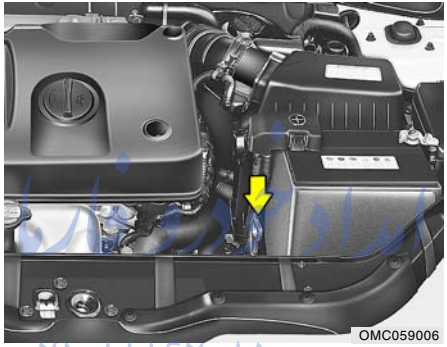
NOTE:
Automatic transaxle fluid is basically a red color. As driving distance increases, the fluid color turns darkish red gradually. It is a normal condition and you should not judge the need to replace based upon the changing color.
You must replace the automatic transaxle fluid in accordance with intervals specified in the vehicle maintenance schedule in section 5.

CAUTION:
Use of aftermarket ATF additives may cause damage to the automatic transaxle.
Only use HYUNDAI GENUINE ATF SP III, DIAMOND ATF SP III, SK ATF SP III or other brands meeting the SP III specification approved by Hyundai Motor Co..
If you are having your vehicle serviced at a facility other than a Hyundai dealer, verify that the correct ATF is used for your vehicle.

WARNING:
The transaxle fluid level should be checked when the engine is at normal operating temperature. This means that the engine, radiator, exhaust system etc., are very hot. Exercise great care not to burn yourself during this procedure.

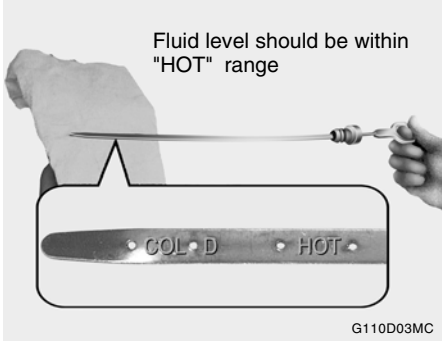
G110D03A-AAT

Checking the automatic transaxle fluid level



The automatic transaxle fluid level should be checked regularly.
Keep the vehicle on level ground with the parking brake applied and check the fluid level according to the following procedure.

1. Place the shift lever in N (Neutral) position and confirm the engine is running at idle speed.
2. After the transaxle is warmed up sufficiently [(fluid temperature 158~176°F (70~80°C)], for example by 10 minutes usual driving, move the shift lever through all positions then place the shift lever in N (Neutral) or P (Park) position.



3. Confirm if the fluid level is in the "HOT" range on the level gauge. If the fluid level is lower, add the specified fluid from the fill hole. If the fluid level is higher, drain the fluid from the drain hole.
4. If the fluid level is checked in cold condition [(fluid temperature 68~86°F (20~30°C)], add the fluid to the "COLD" line and then recheck the fluid level according to the above step 2.

CHECKING THE BRAKES

WARNING:
The cooling fan is controlled by the engine coolant temperature and may sometimes operate even when the engine is not running. Use extreme caution when working near the blades of the cooling fan, so that you are not injured by a rotating fan blade. As the engine coolant temperature decreases, the fan will automatically shut off. This is a normal condition.

G120A01A-AAT

CAUTION:
Because brakes are essential to the safe operation of the car, it is suggested that they be checked and inspected by your Hyundai dealer. The brakes should be checked and inspected for wear at those intervals specified in the vehicle maintenance schedule in Section 5.

G120B01A-AAT

Checking the Brake Fluid Level

WARNING:
Use caution when handling brake fluid. It can damage your vision if it gets into your eyes. It will also damage your vehicle's paint if spilled on it and not removed immediately.

G120D01A-AAT

To Check the Fluid Level

The fluid level in the brake fluid reservoir should be checked periodically. The level should be between the "MIN" and "MAX" marks on the side of the reservoir. If the level is at or below the "MIN" mark, carefully add fluid to bring it up to "MAX". Do not overfill.

G120E02A-AAT

Adding Brake Fluid

WARNING:
Handle brake fluid carefully. It can damage your vision if it gets into your eyes. Use only DOT 3 or DOT 4 specification fluid from a sealed container. Do not allow the fluid can or reservoir to remain open any longer than required. This will avoid entry of dirt and moisture which can damage the brake system and cause improper operation.

To add brake fluid, first wipe away any dirt, then unscrew the fluid reservoir cap. Slowly pour the recommended fluid into the reservoir. Do not overfill. Carefully replace the cap on the reservoir and tighten.

G140A01A-AAT

Keeping the Condenser Clean

The air conditioner condenser (and engine radiator) should be checked periodically for accumulation of dirt, dead insects, leaves, etc. These can interfere with maximum cooling efficiency. When removing such accumulations, brush or hose them away carefully to avoid bending the cooling fans.

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G140B01A-AAT

Checking the Air Conditioner Operation

1. Start the engine and let it run at fast idle for several minutes with the air conditioner set at the maximum cold setting.
2. If the air coming out of the in-dash vents is not cold, have the air conditioning system inspected by your Hyundai dealer.

CAUTION:
Running the air conditioning system for extended periods of time with a low refrigerant level may damage the compressor.

G140C01A-AAT

Lubrication

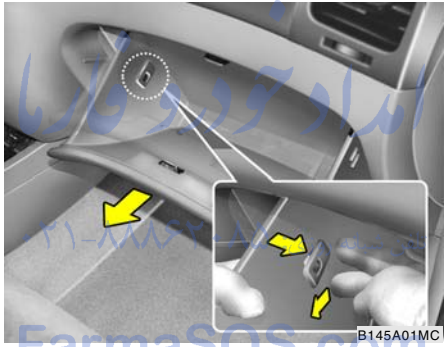
To lubricate the compressor and the seals in the system, the air conditioner should be run for at least 10 minutes each week. This is particularly important during cool weather when the air conditioning system is not otherwise in use.

CHANGING THE CLIMATE CONTROL AIR FILTER

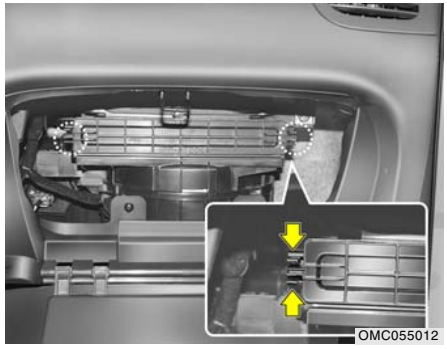
B145A02MC-GAT

(For Evaporator and Blower Unit)

The climate control air filter is located in front of the evaporator unit behind the glove box.
It helps to decrease the amount of pollutants entering the car.



1. Open the glove box and remove the adjusting pins on both sides of the glove box.



2. Pull out the climate control air filter with the hooks on both sides pressed.

CAUTION:
Be careful not to press the hooks in the opposite direction.

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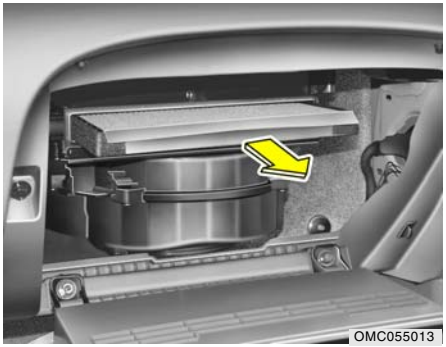
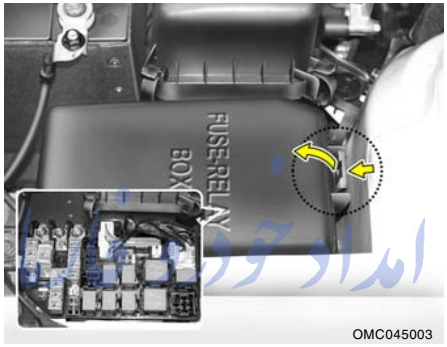


3. Take out the climate control air filter and replace it with a new one.
4. Installation is the reverse order of disassembly.

CHECKING AND REPLACING FUSES

G200A01A-AAT

Replacing a Fusible Link



A fusible link will melt if the electrical circuits from the battery are ever overloaded, thus preventing damage to the entire wiring harness. (This could be caused by a short in the system drawing too much current.) If this ever happens, have a Hyundai dealer determine the cause, repair the system and replace the fusible link. The fusible links are located in a relay box for easy inspection.

CAUTION:
When replacing a fusible link, never use anything but a new fusible link with the same or lower amperage rating. Never use a piece of wire or a higher-rated fusible link. This could result in serious damage and create a fire hazard.

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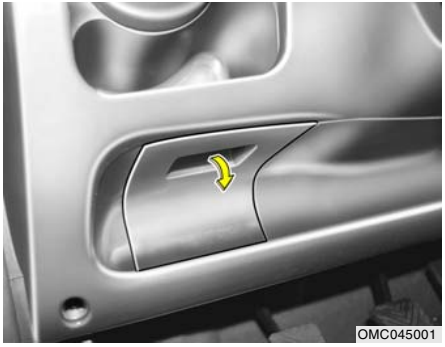
G200B02HP-AAT

Replacing Accessory Fuses



The fuse box for the lights and other electrical accessories will be found low on the dashboard on the driver's side. Inside the box you will find a list showing the circuits protected by each fuse.
If any of your car's lights or other electrical accessories stop working, a blown (open) fuse could be the reason. If the fuse has opened, you will see that the metal strip inside the fuse has melted through. If you suspect a blown fuse, follow this procedure:

1. Turn off the ignition and all other switches.
2. Open the fuse box and examine each fuse. Remove each fuse by pulling it toward you (a small "fuse puller" tool is contained in the relay and fuse box of the engine room to simplify this operation).
3. Be sure to check all other fuses, even if you find one that appears to have opened.

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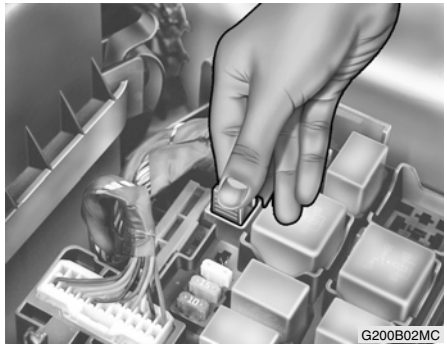
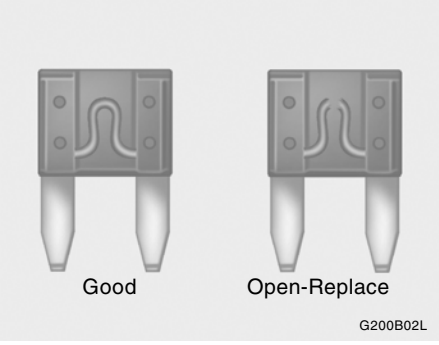


4. Replace the blown fuse by pressing a new fuse of the same rating into place. The fuse should be a snug fit. If it is not, have the fuse clip repaired or replaced by a Hyundai dealer. If you do not have a spare fuse, you may be able to borrow a fuse of the same or lower rating from an accessory you can temporarily get along without (the radio or cigarette lighter, for example). Always remember to replace the borrowed fuse.

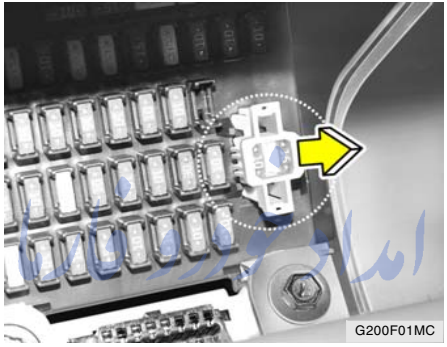


CAUTION:
An open fuse indicates that there is a problem in the electrical circuit. If you replace a fuse and it blows as soon as the accessory is turned on, the problem is serious and should be referred to a Hyundai dealer for diagnosis and repair. Never replace a fuse with anything except a fuse with the same or a lower amperage rating. A higher capacity fuse could cause damage and create a fire hazard.

NOTE:
See page 6-28 for the fuse panel descriptions.

G200C01CM-GAT

Power Connector



Your vehicle is equipped with a power connector to prevent battery discharge if your vehicle is parked without being operated for prolonged periods. Use the following procedures before parking the vehicle for prolonged periods.

1. Turn off the engine.
2. Turn off the headlights and tail lights.
3. Open the driver's side panel cover and pull up the power connector.
4. Insert the power connector in the opposite direction.

NOTE:
- **If the power connector is pulled up from the fuse panel, the warning chime, audio, clock and interior lamps, etc., will not operate. The following items must be reset after replacement.**
  - **Digital Clock**
  - **Trip computer**
  - **Automatic heating and cooling control system**
  - **Audio**
- **Even though the power connector is pulled up, the battery can still be discharged by operation of the headlights or other electrical devices.**

CHECKING THE BATTERY

G210A01A-AAT

WARNING:
Batteries can be dangerous! When working with batteries, carefully observe the following precautions to avoid serious injuries.

The fluid in the battery contains a strong solution of sulfuric acid, which is poisonous and highly corrosive. Be careful not to spill it on yourself or the car. If you do spill battery fluid on yourself, immediately do the following:

- o If battery fluid is on your skin, flush the affected areas with water for at least 15 minutes and then seek medical assistance.
- o If battery fluid is in your eyes, rinse out your eyes with water and get medical assistance as soon as possible. While you are being driven to get medical assistance, continue to rinse your eyes by using a sponge or soft cloth saturated with water.
- o If you swallow battery fluid, drink a large quantity of water or milk followed by milk of magnesia, eat a raw egg or drink vegetable oil. Get medical assistance as soon as possible.

While batteries are being charged (either by a battery charger or by the vehicle's alternator), they produce explosive gases. Always observe these warnings to prevent injuries from occurring:

- o Charge batteries only in a well ventilated area.
- o Do not permit flames, sparks or smoking in the area.
- o Keep children away from the area.

G210B04A-AAT

Checking the Battery

Keep the battery clean. Any evidence of corrosion around the battery posts or terminals should be removed using a solution of household baking soda and warm water. After the battery terminals are dry, cover them with a light coating of grease.

PROPOSITION 65 WARNING:
Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm.
Batteries also contain other chemicals known to the state of California to cause cancer. Wash hands after handling.

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WARNING:

Always read the following instructions carefully when handling a battery.

Keep lighted cigarettes and all other flames or sparks away from the battery.

Hydrogen, which is a highly combustible gas, is always present in battery cells and may explode if ignited.

Keep batteries out of the reach of children because batteries contain highly corrosive SULFURIC ACID. Do not allow battery acid to contact your skin, eyes, clothing or paint finish.

If any electrolyte gets into your eyes, flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If possible, continue to apply water with a sponge or cloth until medical attention is received.

WARNING:

If electrolyte gets on your skin, thoroughly wash the contacted area.

If you feel a pain or a burning sensation, get medical attention immediately.

Wear eye protection when charging or working near a battery.

Always provide ventilation when working in an enclosed space.

- **When lifting a plastic-cased battery, excessive pressure on the case may cause battery acid to leak, resulting in personal injury. Lift with a battery carrier or with your hands on opposite corners.**
- **Never attempt to charge the battery when the battery cables are connected.**
- **The electrical ignition system works with high voltage.**
  Never touch these components with the engine running or the ignition switched on.

CHECKING ELECTRIC COOLING FANS

G220A01A-AAT

WARNING:

The radiator fan is controlled by engine coolant temperature and may sometimes operate even when the engine is not running. Use extreme caution when working near the blades of the cooling fan, so that you are not injured by a rotating fan blade. As the coolant temperature decreases the fan will automatically shut off. This is a normal condition.

G220B01A-AAT

Checking Engine Cooling Fan

The engine cooling fan should come on automatically if the engine coolant temperature is high.

G220C01A-AAT

Checking Condenser Cooling Fan

The condenser cooling fan should come on automatically whenever the air conditioner is in operation.

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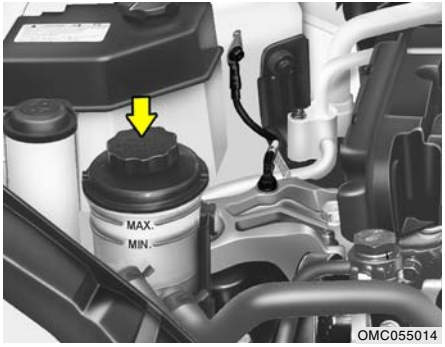
POWER STEERING FLUID LEVEL

G230A01MC-AAT

(If Installed)



The power steering fluid level should be checked regularly. To check the power steering fluid level, be sure the engine is "OFF", then check to make certain that the power steering fluid level is between the "MAX" and "MIN" level markings on the fluid reservoir.

NOTE:

- **Grinding noise from the power steering pump may be heard immediately after the engine is started in extremely cold conditions (below -4°F). If the noise stops during warm up, there is no abnormal function in the system. It is due to a power steering fluid characteristic in extremely cold conditions.**
- **Do not start the engine when the power steering oil reservoir is empty.**

G240A01A-AAT

POWER STEERING HOSES

It is suggested that you check the power steering hose connections for fluid leakage at those intervals specified in the vehicle maintenance schedule in Section 5.

The power steering hoses should be replaced if there is severe surface cracking, pulling, scuffing or worn spots. Deterioration of the hose could cause premature failure.

FOR MORE INFORMATION ABOUT YOUR HYUNDAI

G250A01A-AAT

If you desire additional information about maintaining and servicing your Hyundai, you may purchase a factory Shop Manual at your Hyundai dealer's parts department. This is the same manual used by dealership technicians and while it is highly technical it can be useful in obtaining a better understanding of your car and how it works.

REPLACEMENT OF LIGHT BULBS

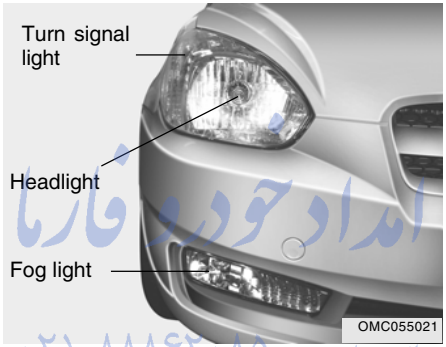
G260A01MC-AAT

Before attempting to replace a light bulb, be sure the switch is turned to the "OFF" position.
The next paragraph shows how to reach the light bulbs so they may be changed. Be sure to replace the burned-out bulb with one of the same number and wattage rating.
See page 6-27 for the wattage descriptions.

CAUTION:
- **Keep the lamps out of contact with petroleum products, such as oil, gasoline, etc.**
- **If you don't have necessary tools, the correct bulbs and the expertise, consult your authorized Hyundai dealer.**

G270A02MC-GAT

Headlight, Front Turn Signal Light and Front Fog Light



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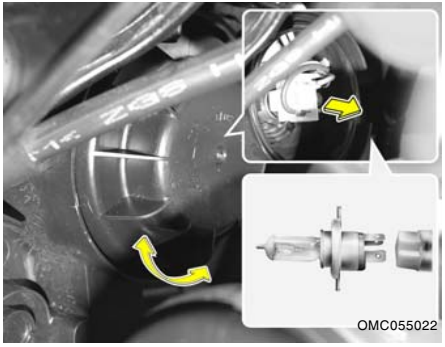
CAUTION:
- **The headlight aiming should be checked by an authorized Hyundai dealer after replacing the headlight bulbs.**

- **After heavy, driving rain or washing, headlight and taillight lenses could appear frosty. This condition is caused by the temperature difference between the lamp inside and outside. This is similar to the condensation on your windows inside your vehicle during the rain and doesn't indicate a problem with your vehicle. If the water leaks into the lamp bulb circuitry, have the vehicle checked by an authorized Hyundai dealer.**

▶ Headlight

1. Allow the bulb to cool. Wear eye protection.
2. Open the engine hood and disconnect the negative (-) post of the battery.
3. Always grasp the bulb by its plastic base, avoid touching the glass.
4. Disconnect the power cord from the back of the headlight.



5. Remove the socket cover.
6. Push the bulb spring to remove the headlight bulb.
7. Remove the protective cap from the replacement bulb and install the new bulb by matching the plastic base with the headlight hole. Reattach the bulb spring and install the socket cover. Reconnect the power cord.
8. Use the protective cap and carton to dispose of the old bulb.

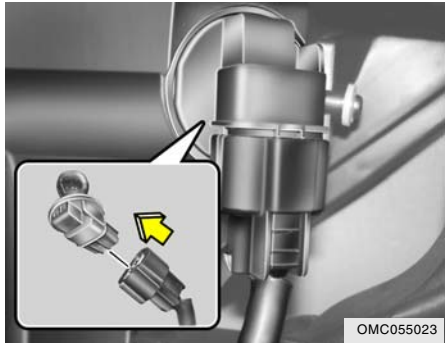
9.Check for proper headlight aim.

WARNING:

- **When removing/replacing halogen bulbs, always handle the metal body of the bulb, not the glass.**
- **The halogen bulb contains gas under pressure and if impacted could shatter, resulting in flying fragments. Always wear eye protection when servicing the bulb. Protect the bulb against abrasions or scratches and against liquids when lighted. Turn the bulb on only when installed in a headlight. Replace the headlight if damaged or cracked. Keep the bulb out of the reach of children and dispose of the used bulb with care.**

▶ Front Turn Signal light

1. Open the engine hood and disconnect the negative (-) post of the battery.



2. Disconnect the power cord from the bulb.
3. Take out the bulb from the bulb holder by turning it counterclockwise.
4. Install the new bulb.

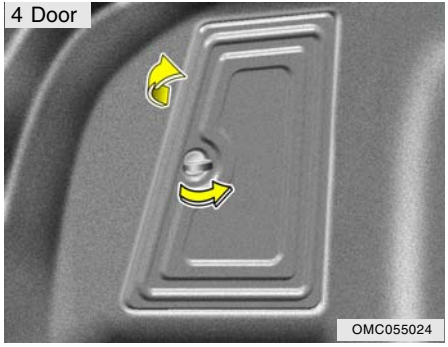
▶ Front Fog Light (If Installed)

NOTE:
It is recommended that the front fog light bulb be replaced by an authorized Hyundai dealer.

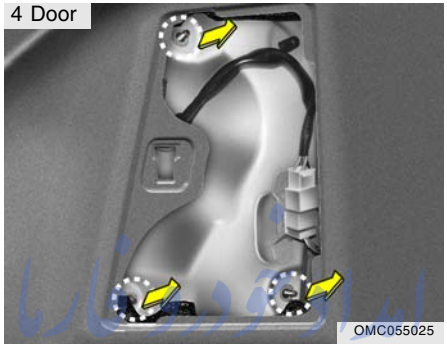
G270D01MC-AAT

Rear Combination Light

1. Open the trunk lid (4 Door) or tail gate (3 Door).



2. Remove the cover on the inside of luggage trim.



3. Remove the nuts of the rear combination light with a spanner.

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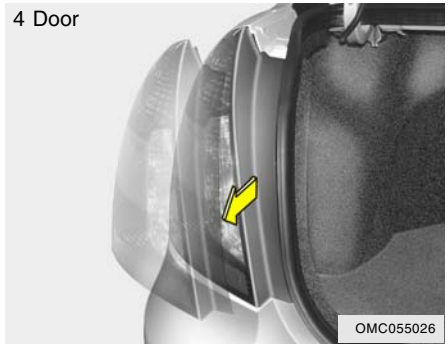
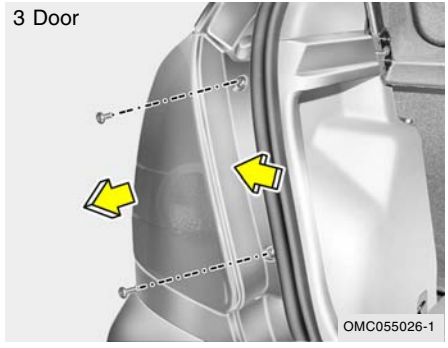
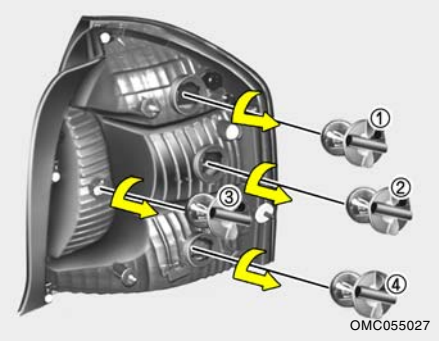




4. Detach the rear combination lamp by pulling it out (4 Door) or remove the mounting screws of the rear combination lamp with a phillips screwdriver (3 Door).



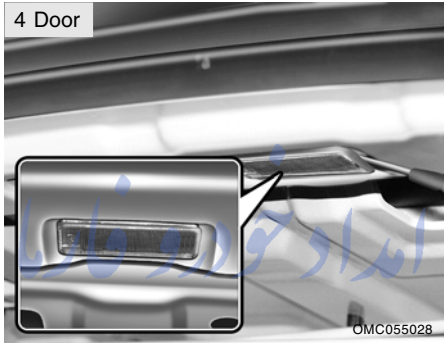
5. To replace the rear combination light, take it out from the bulb holder by turning it counterclockwise.

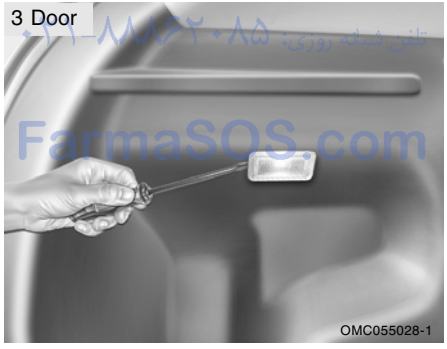
(1) Tail Light
(2) Turn Signal Light
(3) Back-up Light
(4) Stop/Tail Light

6. Install the new bulb.

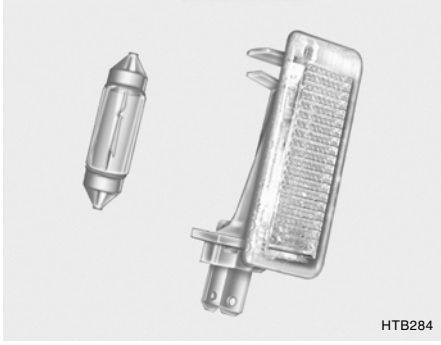
G270C01MC-GAT

Luggage Compartment Light





1. Open the trunk lid (4 Door) or tail gate (3 Door).
2. Carefully remove the cover with a flat-head screwdriver.



3. Replace with a new bulb.

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G270E01A-GAT

Side Repeater Light (If Installed)

1. Push the cover toward the front of vehicle and remove it.
2. Disconnect the power code.
3. Replace with a new bulb.

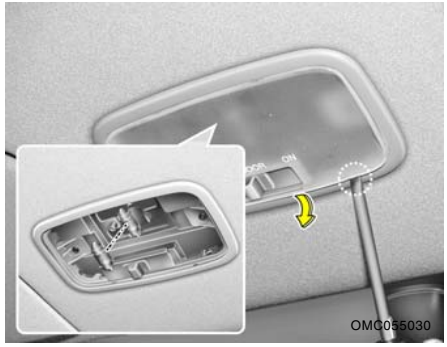
G270G01MC-GAT

Map Light (If Installed)

1. Remove the cover with a flat-head screwdriver.
2. Replace with a new bulb.

G275H01MC-GAT

Interior Light



1. Remove the cover with a flat-head screwdriver.
2. Replace with a new bulb.

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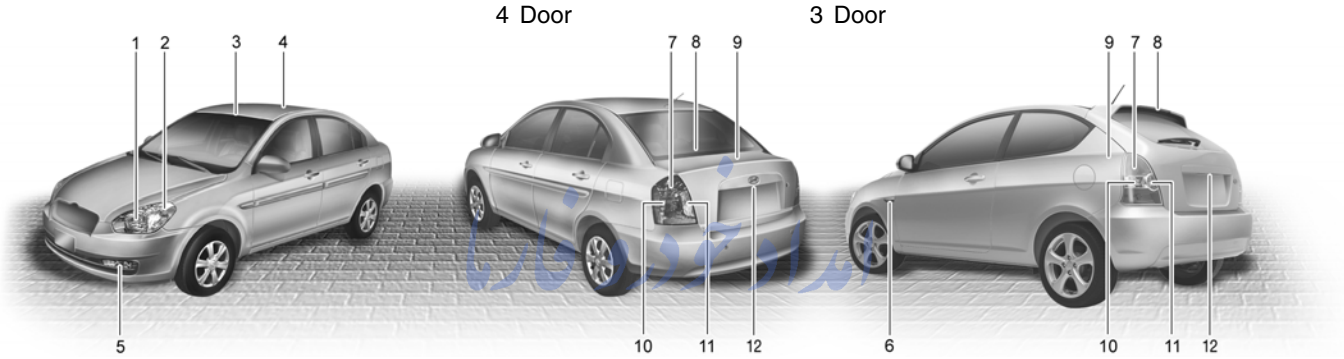
BULB WATTAGE

G280A03MC-AAT



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G280A02MC-U

No.	Part Name	Wattage	Bulb Type	No.	Part Name	Wattage	Bulb Type
1	Headlight (High/Low)	55/60	HB2 Long Life	7	Stop/Tail Light	27/8	1157
2	Front Turn Signal Light/ Side Marker Light	28/8	2357	8	High Mounted Rear Stop Light	16	W16W
				9	Luggage Compartment Light	5	C5W
3	Map Light (If Installed)	10	10W (FESTOON)	10	Rear Turn Signal Light	27	1156
4	Interior Light	10	10W (FESTOON)	11	Back-up Light	16	W16W
5	Front Fog Light (If Installed)	27	GE881	12	License Plate Light	5	C5W
6	Side Repeater Light (If Installed)	5	WY5W				

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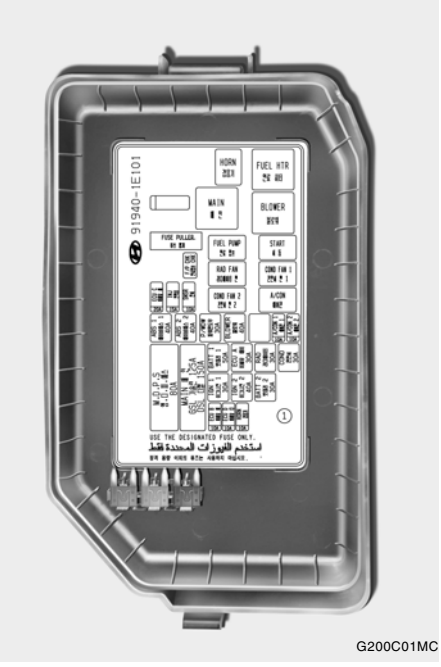
FUSE PANEL DESCRIPTION

G200C01MC-AAT

Engine Compartment



G200C01MC

FUSE	FUSE RATING	CIRCUIT PROTECTED
MAIN	125A	Generator
BATT #1	50A	I/P Junction Box
BLOWER	40A	Blower Relay, Blower Motor
ABS #1	40A	ABS Control Module, Multipurpose Check Connector
ABS #2	40A	ABS Control Module, Multipurpose Check Connector
IGN #2	40A	Start Relay, Ignition Switch
IGN #1	30A	Ignition Switch
BATT #2	30A	I/P Junction Box, Tail Lamp Relay
P/WDW	30A	I/P Junction Box, Power Window Relay
RAD	30A	Radiator Fan Relay
ECU A	30A	Main Relay, Fuel Pump Relay
ECU C	20A	ECM, PCM
INJ	15A	Injector #1, #2, #3, #4, CVVT Oil Control Valve, Immobilizer Control Module,Purge Control Solenoid Valve, Idle Speed Control Actuator, Fuel Pump Relay
A/CON #1	10A	A/Con Relay
A/CON #2	10A	A/C Control Module
ECU B	10A	ECM, PCM
HORN	10A	Horn Relay, Burglar Alarm Horn Relay
SNSR	10A	A/Con Relay, Rad Fan Relay, Cond Fan Relay #1, #2, Camshaft Position Sensor,Oxygen Sensor(UP, DOWN), Mass Air Flow Sensor
COND	30A	Condenser Fan Relay #1

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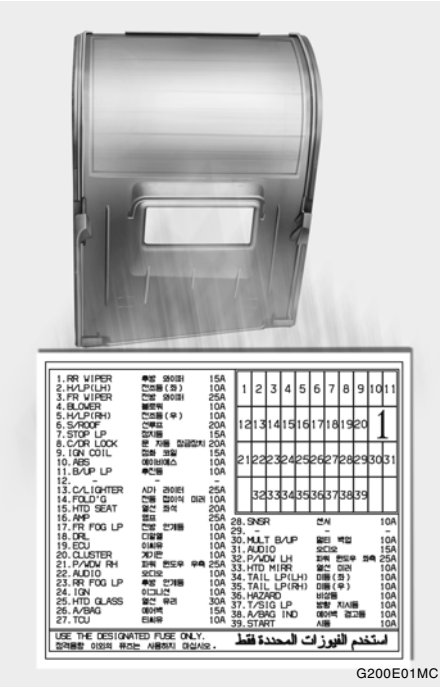
NOTE:
Not all fuse panel descriptions in this manual may be applicable to your vehicle. It is accurate at the time of printing. When you inspect the fuse box on your vehicle, refer to the fuse box label.

G200E01MC-AAT

Inner Panel



G200E01MC

FUSE	FUSE RATING	CIRCUIT PROTECTED
P/WDW RH	25A	Driver Power Window Switch, Assist Power Window Switch,Rear Power Window Switch RH
P/WDW LH	25A	Driver Power Window Switch, Rear Power Window Switch LH
AUDIO	10A	Power Outside Mirror Switch, Digital Clock, Audio
C/LIGHTER	25A	Cigarette Lighter, Power Outlet
H/LP (LH)	10A	Head Lamp LH, DRL Control Module
HTD MIRR	10A	ECM, Driver Power Outside Mirror Motor,Assist Power Outside Mirror Motor, PCM, Rear Defogger Switch
RR WIPER	15A	Multi-function Swicth, Rear Wiper Motor
FR WIPER	25A	Multi-function Switch, Front Wiper Motor
TAIL LP (LH)	10A	Rear Combination Lamp LH, License Lamp LH(3DOOR),Turn Signal Lamp LH
IGN	10A	Front Fog Relay
HTD SEAT	20A	Driver Seat Warmer Switch, Assist Seat Warmer Switch
BLOWER	10A	Active Interior & Humidity Sensor, A/C Control Module, BCM, Blower Relay, Sunroof Motor
TAIL LP (RH)	10A	Rear Combination Lamp RH, License Lamp RH(3DOOR), License Lamp(4DOOR), Shunt Connector, Turn Signal Lamp RH
HTD GLASS	30A	BCM, Rear Defogger, Rear Defogger Relay
AMP	25A	AMP
H/LP (RH)	10A	Head Lamp RH, Instrument Cluster, DRL Control Module
HAZARD	10A	Hazard Relay, Hazard Switch
A/BAG	15A	SRS Control Module
SNSR	10A	Telltale Lamp, Passenger Seat Track Position Sensor

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FUSE	FUSE RATING	CIRCUIT PROTECTED
FR FOG LP	10A	Front Fog Lamp Switch, Front Fog Lamp LH, Front Fog Lamp RH, Front Fog Lamp Relay
S/ROOF	20A	Sunroof Motor
T/SIG LP	10A	Hazard Switch
TCU	10A	Overdrive Switch, Vehicle Speed Sensor
STOP LP	15A	Data Link Connector, Stop Lamp Switch, P/WDW Relay,Multipurpose Check Connector
A/BAG IND	10A	Instrument Cluster
ECU	10A	ECM, PCM
C/DR LOCK	20A	Driver Door Lock Actuator, Assist Door Lock Actuator, BCM,Rear Door Lock Actuator LH, Rear Door Lock Actuator RH,Driver Power Window Switch, Tail Gate Lock Actuator
START	10A	Start Relay, Burglar Alarm Relay
CLUSTER	10A	BCM, Instrument Cluster, Generator, DRL Control Module, Tire Pressure Monitoring Module, Pre-excitation Resistor
IGN COIL	15A	Ignition Coil #1, #2, #3, #4, Condenser
AUDIO (Power Connector)	15A	Audio
MULT B/UP (Power Connector)	10A	Luggage Lamp, Room Lamp, Vanity Lamp Switch, Digital Clock,Overhead Console Lamp, A/C Control Module, Instrument Cluster, Door Warning Switch, BCM, Tire Pressure Monitoring Module
ABS	10A	ABS Control Module, Multipurpose Check Connector
B/UP LP	10A	Back-up Lamp Switch, Transaxle Range Switch, Multipurpose Check Connector
DRL	10A	DRL Control Module

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EMISSION CONTROL SYSTEMS

Emission Control System 7-2
Catalytic Converter 7-3

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EMISSION CONTROL SYSTEM

H010A01A-AAT

Your Hyundai is equipped with an emission control system to meet all requirements of the U.S. Environmental Protection Agency or California Air Resources Board.
There are three emission control systems which are as follows.

1) Crankcase Emission Control System
2) Evaporative Emission Control System
3) Exhaust Emission Control System

In order to ensure the proper function of the emission control systems, it is recommended that you have your car inspected and maintained by an authorized Hyundai dealer in accordance with the maintenance schedule in this manual.

H010B01A-AAT

1. Crankcase Emission Control System

The positive crankcase ventilation system is employed to prevent air pollution caused by blow-by gases being emitted from the crankcase. This system supplies filtered fresh air to the crankcase through the air intake hose. Inside the crankcase, the fresh air mixes with blow-by gases, then passes through the PCV valve into the induction system.

H010C01S-AAT

2. Evaporative Emission Control (Including ORVR: Onboard Refueling Vapor Recovery) System

The Evaporative Emission Control System is designed to prevent fuel vapors from escaping into the atmosphere.
(The ORVR system is designed to allow the vapors from the fuel tank to be loaded into a canister while refueling at the gas station, preventing the escape of fuel vapors into the atmosphere.)

Canister

Fuel vapors generated inside the fuel tank are absorbed and stored in the onboard canister. When the engine is running, the fuel vapors absorbed in the canister are drawn into the induction system through the purge control solenoid valve.

Purge Control Solenoid Valve (PCSV)

The purge control solenoid valve is controlled by the Engine Control Module (ECM); when the engine coolant temperature is low during idling, the PCSV closes so that evaporated fuel is not taken into the engine. After the engine warms-up during ordinary driving, the PCSV opens to introduce evaporated fuel to the engine.

H010D01A-AAT

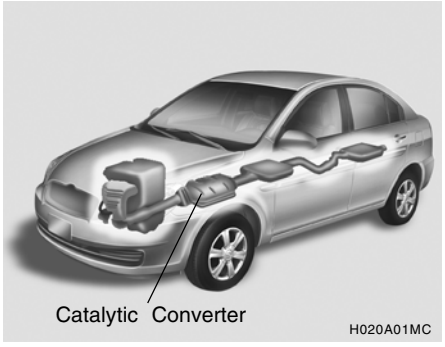
3. Exhaust Emission Control System

The Exhaust Emission Control System is a highly effective system which controls exhaust emissions while maintaining good vehicle performace.

CATALYTIC CONVERTER

H020A03A-AAT

(If Installed)



Hyundai vehicle is equipped with a monolith type three-way catalytic converter to reduce the carbon monoxide, hydrocarbons and nitrogen oxides contained in the exhaust gas. Exhaust gases passing through the catalytic converter cause it to operate at a very high temperature. The introduction of large amounts of unburned gasoline into the exhaust may cause the catalytic converter to overheat and create a fire hazard. This risk may be reduced by observing the following:

WARNING:

- **Use unleaded fuel only.**
- **Maintain the engine in good operating condition. Extremely high catalytic converter temperatures can result from improper operation of the electrical, ignition or multiport electronic fuel injection.**
- **If your engine stalls, pings, knocks, or is hard to start, have your Hyundai dealer inspect and repair the problem as soon as possible.**
- **Avoid driving with a very low fuel level. Running out of gasoline may cause the engine to misfire and result in damage to the catalytic converter.**
- **Avoid idling the engine for periods longer than 10 minutes.**
- **The vehicle should not be pushed or pulled to get started. This may cause the catalytic converter to overheat and create a fire hazard.**

WARNING:

- **Do not touch the catalytic converter or any other part of the exhaust system while the catalytic converter is hot. Shut off the engine, wait for at least one hour before touching the catalytic converter or any other part of the exhaust system.**
- **Remember that your Hyundai dealer is your best source of assistance.**
- **Do not park, idle or drive your vehicle over any combustible material such as grass, paper, leaves or rags. These materials might contact the hot catalytic converter and a fire might result.**

CONSUMER INFORMATION, REPORTING SAFETY DEFECTS & BINDING ARBITRATION OF WARRANTY CLAIMS

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2

VEHICLE IDENTIFICATION NUMBER (VIN)

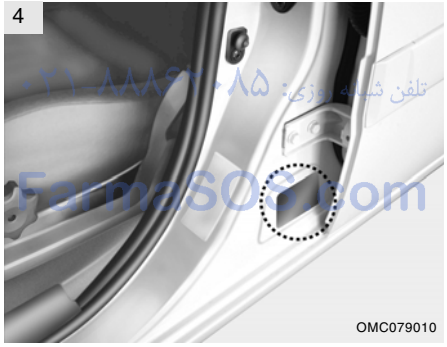
I010A01MC-AAT

1

2

3

4



The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc. It can be found in four different places on your car:

1. Lower side of the front passenger seat under the carpet.
2. On the left top side of the instrument panel where it can be seen by looking down through the windshield.
3. Door edge post
4. On the lower side of the center pillar outer panel.

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ENGINE NUMBER

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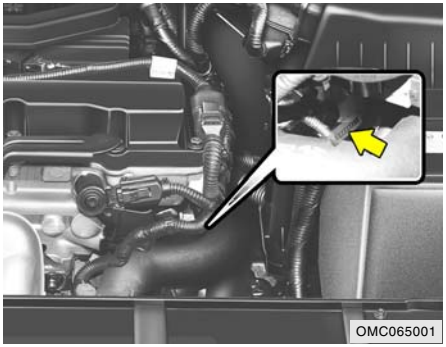

The engine number is stamped on the engine block as shown in the drawing.

TIRES

I020A02A-AAT

TIRE INFORMATION

The tires supplied on your new Hyndai are chosen to provide the best performance for normal driving.
If you ever have questions about your tire warranty and where to obtain service, see the tire manufacture's booklet included with your vehicle's Owner's Manual Literature Kit.

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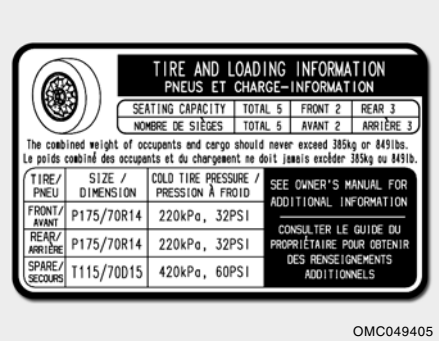
I030A02MC-AAT

RECOMMENDED COLD TIRE INFLATION PRESSURES

Tire label located on the driver's side of the center pillar outer panel gives the cold tire pressures recommended for your vehicle with the original tire size, the number of people that can be in your vehicle and vehicle capacity weight.

Type A



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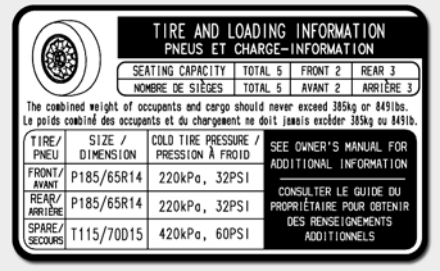
Type B



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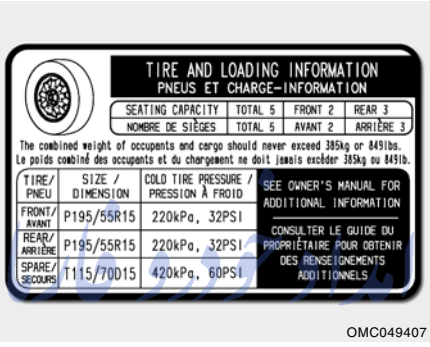
Type C



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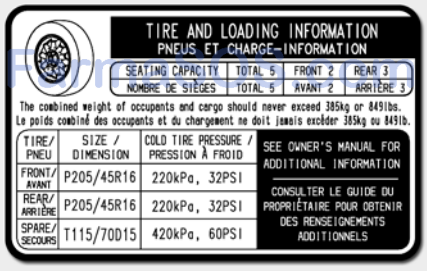
Type D



OMC049408

تلفن شبانه روزی: ۰۲۱-۸۸۸۶۲۰۸۵

These pressures were chosen to provide the most satisfactory combination of ride comfort, tire wear and stability under normal conditions. Tire pressures should be checked at least monthly. Proper tire inflation pressures should be maintained for these reasons:

WARNING:

- **Inspect your tires frequently for proper inflation as well as wear and damage. Always use a tire pressure gauge.**
- **Tires with too much or too little pressure wear unevenly causing poor handling, loss of vehicle control, and sudden tire failure leading to accidents, injuries, and even death. The recommended cold tire pressure for your vehicle can be found in this manual and on the tire label located on the driver's side of the center pillar.**

WARNING:

- Worn tires can cause accidents. Replace tires that are worn, show uneven wear, or are damaged. See page 8-12.
- Remember to check the pressure of your spare tire. Hyundai recommends that you check the spare every time you check the pressure of the other tires on your vehicle.

NOTE:

- Underinflation also results in excessive wear, poor handling and reduced fuel economy. Wheel deformation also is possible. Keep your tire pressures at the proper levels. If a tire frequently needs refilling, have it checked by your Hyundai Dealer.
- Overinflation produces a harsh ride, excessive wear at the center of the tire tread, and a greater possibility of damage from road hazards.

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WARNING:

Overinflation or underinflation can reduce the tire life, adversely affect vehicle handling, and lead to sudden tire failure. This could rusult in loss of vehicle control and potential injury.

CAUTION:

Always observe the following:

- Check pressures when the tires are cold. (After the vehicle has been parked for at least three hours or hasn't been driven more than one mile (1.6 km) since starting up.)
- Check the pressure of your spare tire each time you check the pressure of other tires.
- Never overload your vehicle. Be especially careful about overloading if you equip your vehicle with a luggage rack.
- Worn, old tires can cause accidents. If your tread is badly worn, or if your tires have been damaged, replace them.

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CHECKING TIRE INFLATION PRESSURE

Check your tires once a month or more. Also, check the tire pressure of the spare tire.

How to Check

Use a good quality gauge to check tire pressure. You can not tell if your tires are properly inflated simply by looking at them. Radial tires may look properly inflated even when they're underinflated. Check the tire's inflation pressure when the tires are cold. - "Cold" means your vehicle has been sitting for at least three hours or driven no more than 1 mile (1.6 km).

Remove the valve cap from the tire valve stem. Press the tire gauge firmly onto the valve to get a pressure measurement. If the cold tire inflation pressure matches the recommended pressure on the tire and loading information label, no further adjustment is necessary. If the pressure is low, add air until you reach the recommended amount.

If you overfill the tire, release air by pushing on the metal stem in the center of the tire valve. Recheck the tire pressure with the tire gauge. Be sure to put the valve caps back on the valve stems. They help prevent leaks by keeping out dirt and moisture.

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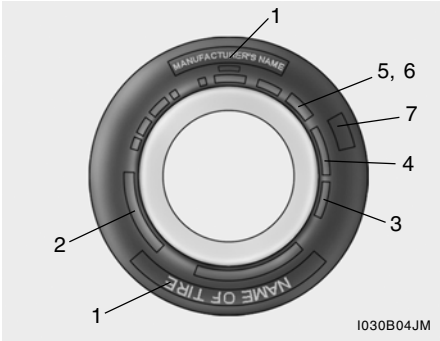
TIRE SIDEWALL LABELING



Federal law requires tire manufacturers to place standardized information on the sidewall of all tires. This information identifies and describes the fundamental characteristics of the tire and also provides the tire identification number (TIN) for safety standard certification. The TIN can be used to identify the tire in case of a recall.

1. **Manufacturer or Brand name**
   - o Manufacturer or Brand name is shown.
2. **Tire size** (example: P175/70R14)
   - o The "P" indicates the tire is designed for passenger vehicles. A "T" is the designation for a temporary spare tire.
   - o Three-digit number (175): This number gives the width in millimeters of the tire from sidewall edge to sidewall edge.
   - o Two-digit number (70): This number, known as the aspect ratio, gives the tire's ratio of height to width.
   - o R: The "R" stands for radial.
   - o Two-digit number (14): This number is the wheel or rim diameter in inches.
   - o Two (or three) digit number (84): This number is the tire's load index. It is a measurement of how much weight each tire can support.
   - o T: Speed Rating. The speed rating denotes the speed at which a tire is designed to be driven for extended periods of time. The ratings range from "A" to "Z" (98 to 186 MPH).
3. **TIN** (Tire Identification Number) for new tire (example: DOT XX XX XXX XXXX)
   - o DOT: Abbreviation for the "Department of Transportation". The symbol can be placed above, below or to the left or right of the Tire Identification Number. Indicates tire is in compliance with the U.S. Department of Transportation Motor Vehicle Safety Standards.
   - o 1st two-digit code: Manufacturer's identification mark
   - o 2nd two-digit code: Tire size
   - o 3rd three-digit code: Tire type code (Optional)
   - o 4th four-digit code: Date of Manufacture
   - o Four numbers represent the week and year the tire was built. For example, the numbers 3108 means the 31st week of 2008.
4. **Tire ply composition and material**
   The number of layers or plies of rubbercoated fabric in the tire. Tire manufacturers also must indicate the materials in the tire, which include steel, nylon, polyester, and others. The letter "R" means radial ply construction; the letter "D" means diagonal or bias ply construction; and the letter "B" means belted-bias ply construction.
5. **Maximum permissible inflation pressure**
   This number is the greatest amount of air pressure that should be put in the tire. Do not exceed the maximum permissible inflation pressure. Refer to the Tire and Loading Information label for recommended inflation pressure.

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6. **Maximum load rating**
   This number indicates the maximum load in kilograms and pounds that can be carried by the tire. When replacing the tires on the vehicle, always use a tire that has the same load rating as the factory installed tire.
7. **Uniform Tire Quality Grading (UTQG):**
   Tire manufacturers are required to grade tires based on three performance factors: treadwear, traction and temperature resistance. For more information, see Uniform Tire Quality Grading on page 8-15.

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TIRE TERMINOLOGY AND DEFINITIONS

Air Pressure: The amount of air inside the tire pressing outward on the tire. Air pressure is expressed in pounds per square inch (psi) or kilopascal (kPa).
Accessory Weight: This means the combined weight of optional accessories. Some examples of optional accessories are, automatic transmission, power seats, and air conditioning.
Aspect Ratio: The relationship of a tire's height to its width.
Belt: A rubber coated layer of cords that is located between the plies and the tread. Cords may be made from steel or other reinforcing materials.
Bead: The tire bead contains steel wires wrapped by steel cords that hold the tire onto the rim.
Bias Ply Tire: A pneumatic tire in which the plies are laid at alternate angles less than 90 degrees to the centerline of the tread.
Cold Tire Pressure: The amount of air pressure in a tire, measured in pounds per square inch (psi) or kilopascals (kPa) before a tire has built up heat from driving.
Curb Weight: This means the weight of a motor vehicle with standard and optional equipment including the maximum capacity of fuel, oil and coolant, but without passengers and cargo.
DOT Markings: A code molded into the sidewall of a tire signifying that the tire is in compliance with the U.S. Department of Transportation motor vehicle safety standards. The DOT code includes the Tire Identification Number (TIN), an alphanumeric designator which can also identify the tire manufacturer, production plant, brand and date of production.
GVWR: Gross Vehicle Weight Rating
GAWR FRT: Gross Axle Weight Rating for the front Axle.
GAWR RR: Gross Axle Weight Rating for the rear axle.

Intended Outboard Sidewall: The side of an asymmetrical tire, that must always face outward when mounted on a vehicle.
Kilopascal (kPa): The metric unit for air pressure.
Load Index: An assigned number ranging from 1 to 279 that corresponds to the load carrying capacity of a tire.
Maximum Inflation Pressure: The maximum air pressure to which a cold tire may be inflated. The maximum air pressure is molded onto the sidewall.
Maximum Load Rating: The load rating for a tire at the maximum permissible inflation pressure for that tire.
Maximum Loaded Vehicle Weight: The sum of curb weight; accessory weight; vehicle capacity weight; and production options weight.
Normal Occupant Weight: The number of occupants a vehicle is designed to seat multiplied by 150 pounds (68 kg).
Occupant Distribution: Designated seating positions.
Outward Facing Sidewall: The side of a asymmetrical tire that has a particular side that faces outward when mounted on a vehicle. The side of the tire that contains a whitewall, bears white lettering or bears manufacturer, brand and or model name molding that is higher or deeper than the same moldings on the other sidewall of the tire.
Passenger (P-Metric) Tire: A tire used on passenger cars and some light duty trucks and multipurpose vehicles.
Recommended Inflation Pressure: Vehicle manufacturer's recommended tire inflation pressure and shown on the tire placard.
Radial Ply tire: A pneumatic tire in which the ply cords that extend to the beads are laid at 90 degrees to the centerline of the tread.
Rim: A metal support for a tire and upon which the tire beads are seated.
Sidewall: The portion of a tire between the tread and the bead.
Speed Rating: An alphanumeric code assigned to a tire indicating the maximum speed at which a tire can operate.
Traction: The friction between the tire and the road surface. The amount of grip provided.
Tread: The portion of a tire that comes into contact with the road.
Treadwear Indicators: Narrow bands, sometimes called "wear bars," that show across the tread of a tire when only 2/32 inch of tread remains.
UTQGS: Uniform Tire Quality Grading Standards, a tire information system that provides consumers with ratings for a tire's traction, temperature and treadwear. Ratings are determined by tire manufacturers using government testing procedures. The ratings are molded into the sidewall of the tire.

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Vehicle Capacity Weight: The number of designated seating positions multiplied by 150 lbs. (68 kg) plus the rated cargo and luggage load.
Vehicle Maximum Load on the Tire: Load on an individual tire due to curb and accessory weight plus maximum occupant and cargo weight.
Vehicle Normal Load on the Tire: That load on an individual tire that is determined by distributing to each axle its share of the curb weight, accessory weight, and normal occupant weight and driving by 2.
Vehicle Placard: A label permanently attached to a vehicle showing the original equipment tire size and recommended inflation pressure.

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ALL SEASON TIRES

Hyundai specifies all season tires on some models to provide good performance for use all year round, including snowy and icy road conditions. All season tires are identified by ALL SEASON and/or M+S (Mud and Snow) on the tire sidewall. Snow tires have better snow traction than all season tires an may be more appropriate in some areas.

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SNOW TIRES

If you equip your car with snow tires, they should be the same size and have the same load capacity as the original tires. Snow tires should be installed on all four wheels; otherwise, poor handling may result.
Snow tires should carry 4 psi (28 kPa) more air pressure than the pressure recommended for the standard tires on the tire label on the driver's side of the center pillar , or up to the maximum pressure shown on the tire sidewall whichever is less.
Do not drive faster than 75 mph (120 km/h) when your car is equipped with snow tires.

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TIRE CHAINS

Tire chains, if necessary, should be installed on the front wheels. Be sure that the chains are installed in accordance with the manufacturer's instructions.

To minimize tire and chain wear, do not continue to use tire chains when they are no longer needed.

WARNING:

- **If your vehicle is equipped with P205/45R16 size tires, do not install tire chains. This may cause damage to the vehicle (wheels, suspension and body) by chains contacting the body.**
- **When driving on roads covered with snow or ice, drive at less than 20 mph (30 km/h).**
- **Use the SAE "S" class or wire & plastic chains.**

WARNING:

- **If you have noise caused by chains contacting the body, re-tighten the chain to avoid contact with the vehicle body.**
- **To prevent body damage, re-tighten the chains after driving 0.3~0.6 miles.**
- **Don't use tire chains on a vehicle equipped with aluminium wheels. If it is unavoidable, use wire type chains.**
- **Use wire chains less than 15 mm to prevent damage to the chain's connection.**

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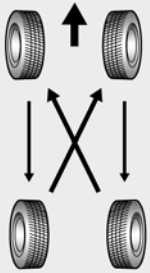
TIRE ROTATION



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Tires should be rotated every 7,500 miles (12,000 km). If you notice that tires are wearing unevenly between rotations, have the car checked by a Hyundai dealer so the cause may be corrected.
After rotating, adjust the tire pressures and be sure to check the wheel nut torque.

WARNING:

- **Do not use the temporary spare tire for tire rotation.**
- **Do not mix bias ply and radial ply tires under any circumstances. This may cause unusual handling characteristics that could result in death, serious injury, or property damage.**

I070A01A-AAT

TIRE BALANCING

A tire that is out of balance may affect handling and tire wear. The tires on your Hyundai were balanced before the car was delivered but may need balancing again during the years you own the car.
Whenever a tire is dismounted for repair, it should be rebalanced before being reinstalled on the car.

I080A01A-AAT

TIRE TRACTION

Tire traction can be reduced if you drive on worn tires, tires that are improperly inflated or on slippery road surfaces. Tires should be replaced when tread wear indicators appear. To reduce the possibility of losing control, slow down whenever there is rain, snow or ice on the road.

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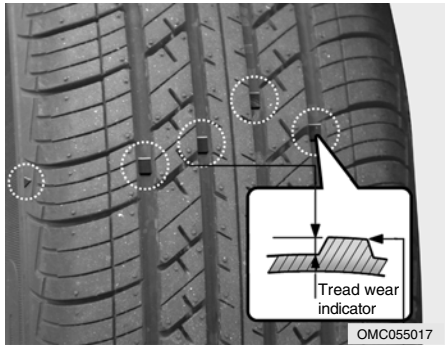
WHEN TO REPLACE TIRES



The original tires on your car have tread wear indicators. The location of tread wear indicators is shown by the "TWI" or " △ " marks, etc., The tread wear indicators appear when the tread depth is 0.06 in. (1.6 mm). The tire should be replaced when these appear as a solid bar across two or more grooves of the tread. Always replace your tires with those of the recommended size. If you change wheels, the new wheel's rim width and offset must meet Hyundai specification.

WARNING:

To reduce the chance or serious or fatal injuries from an accident caused by tire failure or loss of vehicle control:

- **Replace tires that are worn, show uneven wear, or are damaged. Worn tires can cause loss of braking effectiveness, steering control, and traction.**
- **Do not drive your vehicle with too little or too much pressure in your tires. This can lead to uneven wear and tire failure.**
- **When replacing tires, never mix radial and bias-ply tires on the same car. You must replace all tires (including the spare) if moving from radial to bias-ply tires.**
- **Using tires and wheel other than the recommended sizes could cause unusual handling characteristics and poor vehicle control, resulting in a serious accident.**

WARNING:

- **Wheels that do not meet Hyundai's specifications may fit poorly and result in damage to the vehicle or unusual handling and poor vehicle control.**
- **Tires degrade over time, even when they are not being used. Regardless of the remaining tread, it is recommended that tires tread, It is recommended that tires generally be replaced after 6 years of normal service. Heat caused by not to hot climates or frequent high loading Conditions can accelerate the aging process. Failure to follow this Warning can result in sudden tire failure, which could lead to a loss of control and an accident involving serious injury or death.**
- **The ABS works by comparing the speed of the wheels. Tire size can affect wheel speed. When replacing tires, all 4 tires must use the same size originally supplied with the vehicle. Using tires of a different size can cause the ABS (Anti-lock Brake System) (If Installed) to work irregularly.**

I090B02JM-AAT

TIRE MAINTENANCE

In addition to proper inflation, correct wheel alignment helps to decrease tire wear. If you find a tire is worn unevenly, have your dealer check the wheel alignment.

When you have new tires installed, make sure they are balanced. This will increase vehicle ride comfort and tire life. Additionally, a tire shoud always be rebalanced if it is removed from the wheel.

WARNING:

- **Underinflated or overinflated tires can cause poor handling, loss of vehicle control, and sudden tire failure leading to accidents, injuries, and even death. Always check tires are properly inflated before driving. Refer to pages 2-20 and 8-3 for proper tire pressures and further information.**

WARNING:

- **Driving on tires with no or insufficient tread is dangerous. Worn-out tires can result in loss of vehicle control, collisions, and injury and even death. Worn-out tires should be replaced as soon as possible and should never be used for driving. Always check tire tread before driving your car. Refer to this page for further information and tread limits.**

I100A01MC-AAT

SPARE TIRE AND TOOLS

Your Hyundai is delivered with the following:

Spare tire and wheel
Jack, Towing hook (If Installed)
Wrench bar, Wheel nut wrench

I110A01A-AAT

SHOP MANUAL

A Hyundai Shop Manual is available from your authorized Hyundai dealer. It's written for professional technicians, but is simple enough for most mechanically-inclined owners to understand.

WARRANTIES FOR YOUR HYUNDAI VEHICLE

I120A03A-AAT

Please consult your Owner's Handbook & Warranty Information booklet for your vehicle's specific warranty coverage.

CONSUMER INFORMATION

I130A01A-AAT

This consumer information has been prepared in accordance with regulations issued by the National Highway Traffic Safety Administration of the U.S. Department of Transportation. It provides the purchasers and/or prospective purchasers of Hyundai automobiles with information on uniform tire quality grading. Your Hyundai dealer will help answer any questions you may have as you read this information.

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Tire Quality Grading

Department of Transportation quality grades - All passenger vehicle tires must conform to Federal motor vehicle Safety Standards in addition to these grades. These quality grades are molded on the sidewall.

Treadwear - The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and a half (1 - 1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction AA, A, B, C - The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING:
The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature A, B, C - The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

WARNING:
The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

Uniform Tire Quality Grading
Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum section width.
For example:
TREAD wear 200
TRACTION AA
TEMPERATUE A

I130D04A-AAT

Hyundai motor vehicles are designed and manufactured to meet or exceed all applicable safety standards.

For your safety, however, we strongly urge you to read and follow all directions in this Owner's Manual, particularly the information under the headings **"NOTE", "CAUTION" and "WARNING"**.

If, after reading this manual, you have any questions regarding the operation of your vehicle, please contact your nearest Hyundai Motor America Regional Office as listed below:

Eastern Region : Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvanina, Rhode Island, Vermont, Virginia, West Virginia.

Eastern Region
1100 Cranbury South River Road
Jamesburg, NJ 08831
(800) 633-5151

Southern Region: Florida, Georgia, North Carolina, South Carolina.

Southern Region
270 Riverside Parkway, Suite A
Austell, GA 30168
(800) 633-5151

South Central Region: Alabama, Arkansas, Colorado, Kansas, Louisiana, Mississippi, Missouri, New Mexico, Oklahoma, Tennessee, Texas, Wyoming.

South Central Region
1421 South Beltline Road, Suite 400
Coppell, TX 75019
(800) 633-5151

Central Region: Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Nebraska, North Dakota, South Dakota, Ohio, Wisconsin.

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Central Region
1705 Sequoia Drive
Aurora, Illinois 60506
(800) 633-5151

Western Region: Alaska, Hawaii, Arizona, California, Idaho, Montana, Nevada, Oregon, Texas, Utah, Washington.

Western Region
10550 Talbert Avenue
P.O.Box 20850
Fountain Valley, California 92728-0850
(800) 633-5151

REPORTING SAFETY DEFECTS

I130C03A-AAT

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying HYUNDAI MOTOR AMERICA. If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or HYUNDAI MOTOR AMERICA.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to http://www.safercar.gov; or write to: Administrator, NHTSA, 1200 New Jersey Avenue, SE., Washington, DC 20590. You can also obtain other information about motor vehicle safety from http://www.safercar.gov.

BINDING ARBITRATION (U.S.A only)

I140A01A-AAT

Any claim or dispute you may have related to your vehicle's warranty or the duties contemplated under the warranty, including claims related to the refund or partial refund of your vehicle's purchase price (excluding personal injury or product liability claims), shall be resolved by binding arbitration. Binding arbitration shall be administered by and through the National Arbitration Forum (NAF) or the American Arbitration Association (AAA), under the Code of Procedure of the entity you select. You will not be responsible for paying filing and hearing fees above $275.00. All other arbitration costs shall be borne by Hyundai Motor America. You are not responsible to pay any of the costs Hyundai incurs.

This Binding Arbitration Agreement shall not deprive you of any remedies available to you under applicable law. The parties are waiving their right to seek remedies in court, including the right to a jury trial.

This Binding Arbitration Agreement shall be governed by and interpreted under the Federal Arbitration Act, 9 U.S.C. sections 1-16. Judgment upon any award may be entered in any court having jurisdiction.

You may revoke this Arbitration Agreement by (1) written notice or (2) electronic notice. Written notice must be delivered (via certified mail) to Hyundai Motor America, Attn: Consumer Affairs, 10550 Talbert Avenue, P.O. Box 20849, Fountain Valley, CA 92728-0849.

Electronic notice must be submitted at the following website address: http://warranty-arbitration.hyundaiUSA.com. Notice must be received within 90 days after you purchase your vehicle.

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MEASUREMENT

in. (mm)

Item		4 DOOR	3 DOOR
Overall length		168.5 (4280)	159.2 (4045)
Overall width		66.7 (1695)	←
Overall height		57.8 (1470)	←
Wheel base		98.4 (2500)	←
Wheel tread	Front	57.8 (1470) / 58.4 (1485)*	←
	Rear	57.4 (1460) / 58 (1475)*	←

* with P175/70R14 Tire

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POWER STEERING

Type		Rack and pinion
Wheel free play		0 ~ 1.18 in (0 ~ 30 mm)
Rack stroke	175 Tire only	5.59 in. (142 mm)
	Except 175 Tire	5.43 in. (138 mm)
Oil pump type		Vane type

J060A01A-AAT

FUEL SYSTEM

Fuel tank capacity	US. gal	Imp.gal	Liter
	11.9	9.9	45

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TIRE

	Tire Size	Inflation Pressure
4Door	P175/70 R14, P185/65 R14, P195/55 R15	32PSI (220 kPa)
3Door	P175/70 R14, P185/65 R14, P205/45 R16	
Spare	T115/70 D15	60PSI (420 kPa)

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BRAKE

Type	Dual hydraulic with brake booster
Front brake type	Ventilated disc
Rear brake type	Drum
Parking brake	Cable operated on rear wheel

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ENGINE

J070A02MC-AAT

ITEMS	SPECIFICATIONS
	1.6 MPI
Engine Type	4-Cylinder in-line DOHC
Bore x Stroke	3.01 x 3.42 in. (76.5 x 87 mm)
Displacement (cc)	1,599
Idle Speed (RPM)	700 ± 100
Ignition timing (Base)	BTDC 5° ± 5°
Firing order	1 - 3 - 4 - 2

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LUBRICATION CHART

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Item		Oil & Grease Standard		Q'ty (US.QTS)(Imp.qts, liter)
Engine oil Recommends 		API SJ, SL or ABOVE, ILSAC GF-3 or ABOVE	SAE 5W-20, 5W-30 (ALL TEMP. RANGE)	Drain and refill Without oil filter : 3.17 (2.6, 3.0) With oil filter : 3.48 (2.9, 3.3)
			SAE 10W-30 [ABOVE 0°F (-18°C)]	
Transaxle	Manual	HYUNDAI GENUINE PARTS MTF 75W/85 (API GL-4)		2 (1.67, 1.9)
	Automatic	HYUNDAI GENUINE ATF SP III, DIAMOND ATF SP III, SK ATF SP III or other brands meeting the SP III specification approved by Hyundai Motor Co.		6.44 (5.3, 6.1)
Power steering		PSF-3		As required
Brake fluid		DOT 3, DOT 4 or Equivalent		As required
Coolant	Manual Transaxle	Ethylene glycol base for aluminum radiator		5.49 (4.5, 5.2)
	Automatic Transaxle			5.60 (4.6, 5.3)

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