

HYUNDAI



GENESIS

Coupe

OWNER'S MANUAL

**Operation
Maintenance
Specifications**

All information in this Owner's Manual is current at the time of publication. However, Hyundai reserves the right to make changes at any time so that 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.

Please note that some models are equipped with Right-Hand Drive (RHD). The explanations and illustrations for some operations in RHD models are opposite of those written in this manual.

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 Department of Transportation and other government agencies in your country.

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.

SAFETY AND VEHICLE DAMAGE WARNING

This manual includes information titled as WARNING, CAUTION and NOTICE.

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.

*** NOTICE**

This indicates that interesting or helpful information is being provided.

FOREWORD

Thank you for choosing Hyundai. We are pleased to welcome you to the growing number of discriminating people who drive Hyundais. 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.

HYUNDAI MOTOR COMPANY

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 transmission 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 8-4 in the Vehicle Specifications section 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.

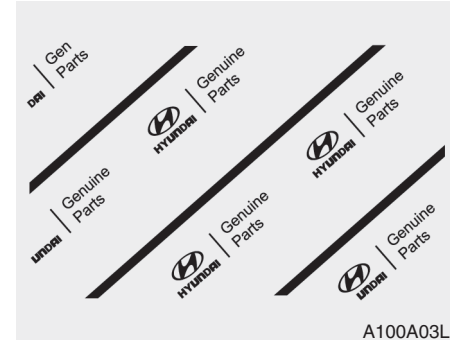
In addition, any damage to or failure of Hyundai Genuine Parts caused by the installation or failure of an imitation, counterfeit or used salvage part is not covered by any Hyundai Warranty.

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 are packaged with labels written only in English.

Hyundai Genuine Parts are only sold through authorized Hyundai Dealerships.



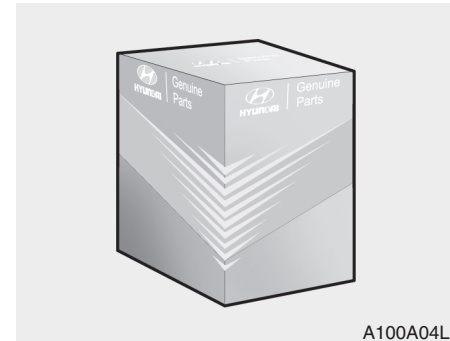
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A100A01L



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TABLE OF CONTENTS

Introduction	1
Your vehicle at a glance	2
Safety features of your vehicle	3
Features of your vehicle	4
Driving your vehicle	5
What to do in an emergency	6
Maintenance	7
Specifications & Consumer information	8
Index	I

Introduction

1

How to use this manual / 1-2

Fuel requirements / 1-2

Vehicle break-in process / 1-4

Indicator symbols on the instrument cluster / 1-5

HOW TO USE THIS MANUAL

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We want to help you get the greatest possible driving pleasure from your vehicle. Your Owner's Manual can assist you in many ways. We strongly recommend that you read the entire manual. In order to minimize the chance of death or injury, you must read the WARNING and CAUTION sections in the manual.

Illustrations complement the words in this manual to best explain how to enjoy your vehicle. By reading your manual, you learn about features, important safety information, and driving tips under various road conditions.

The general layout of the manual is provided in the Table of Contents. A good place to start is the index; it has an alphabetical listing of all information in your manual.

Sections: This manual has eight sections plus an index. Each section begins with a brief list of contents so you can tell at a glance if that section has the information you want.

You will find various WARNINGS, CAUTIONs, and NOTICEs in this manual. These WARNINGS were prepared to enhance your personal safety. You should carefully read and follow ALL procedures and recommendations provided in these WARNINGS, CAUTIONs and NOTICEs.

WARNING

A WARNING indicates a situation in which harm, serious bodily injury or death could result if the warning is ignored.

CAUTION

A CAUTION indicates a situation in which damage to your vehicle could result if the caution is ignored.

*** NOTICE**

A NOTICE indicates interesting or helpful information is being provided.

FUEL REQUIREMENTS

Gasoline engine

A020101ABH

Unleaded

For Europe

For the optimal vehicle performance, we recommend you to use unleaded gasoline with an octane rating of RON (Research Octane Number) 95 / AKI (Anti Knock Index) 91 or higher.

You may use unleaded gasoline with an octane rating of RON 91~94 / AKI 87~90 but it may result in slight performance reduction of the vehicle.

Except Europe

Your new HYUNDAI vehicle is designed to use only unleaded fuel having an Octane Rating of RON (Research Octane Number) 91 / AKI (Anti-Knock Index) 87 or higher.

Your new vehicle is designed to obtain maximum performance with UNLEADED FUEL, as well as minimize exhaust emissions and spark plug fouling.

⚠ CAUTION

NEVER USE LEADED FUEL. *The use of leaded fuel is detrimental to the catalytic converter and will damage the engine control system's oxygen sensor and affect emission control.*

Never add any fuel system cleaning agents to the fuel tank other than what has been specified. (Consult an authorized HYUNDAI dealer for details.)

⚠ WARNING

- Do not "top off" after the nozzle automatically shuts off when refueling.
- Always check that the fuel cap is installed securely to prevent fuel spillage in the event of an accident.

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Gasoline containing alcohol and methanol

Gasohol, a mixture of gasoline and ethanol (also known as grain alcohol), and gasoline or gasohol containing methanol (also known as wood alcohol) are being marketed along with or instead of leaded gasoline.

Do not use gasohol containing more than 10% ethanol, and do not use gasoline or gasohol containing any methanol. Either of these fuels may cause drivability problems and damage to the fuel system.

Discontinue using gasohol of any kind if drivability problems occur.

Vehicle damage or drivability problems may not be covered by the manufacturer's warranty if they result from the use of:

1. Gasohol containing more than 10% ethanol.
2. Gasoline or gasohol containing methanol.
3. Leaded fuel or leaded gasohol.

⚠ CAUTION

Never use gasohol which contains methanol. Discontinue use of any gasohol product which impairs drivability.

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Use of MTBE

HYUNDAI recommends avoiding fuels containing MTBE (Methyl Tertiary Butyl Ether) over 15.0% vol. (Oxygen Content 2.7% weight) in your vehicle.

Fuel containing MTBE over 15.0% vol. (Oxygen Content 2.7% weight) may reduce vehicle performance and produce vapor lock or hard starting.

⚠ CAUTION

Your 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.)

A020105AUN

Do not use methanol

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

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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.

A020107AUN

Operation in foreign countries

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

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

VEHICLE BREAK-IN PROCESS























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No special break-in period is needed. By following a few simple precautions for the first 1,000 km (600 miles) you may add to the performance, economy and life of your vehicle.

- Do not race the engine.
- While driving, keep your engine speed (rpm, or revolutions per minute) between 2,000 rpm and 4,000 rpm.
- Do not maintain a single speed for long periods of time, either fast or slow. Varying engine speed is needed to properly break-in the engine.
- Avoid hard stops, except in emergencies, to allow the brakes to seat properly.
- Don't let the engine idle longer than 3 minutes at one time.
- Don't tow a trailer during the first 2,000 km (1,200 miles) of operation.

INDICATOR SYMBOLS ON THE INSTRUMENT CLUSTER

A050000ABK-EE

 Door ajar warning light	 Engine oil pressure warning light	 Low fuel level warning light
 Seat belt warning light	 Low windshield washer fluid level warning light (if equipped)	 120 km/h Overspeed warning light (if equipped)
 High beam indicator	 Charging system warning light	 Front fog light indicator (if equipped)
 Turn signal indicator	 Malfunction indicator light	 Trunk ajar warning light
 ESP indicator (if equipped)	 Air bag warning light	 KEY OUT Key out warning (if equipped)
 ESP OFF indicator (if equipped)	 CRUISE Cruise indicator (if equipped)	 Tail light indicator (if equipped)
 (ABS) ABS warning light	 SET Cruise SET indicator (if equipped)	
 (P) BRAKE Parking brake & Brake fluid warning light	 Immobilizer indicator (if equipped)	

* For more detailed explanations, refer to “Instrument cluster” in section 4.

Your vehicle at a glance

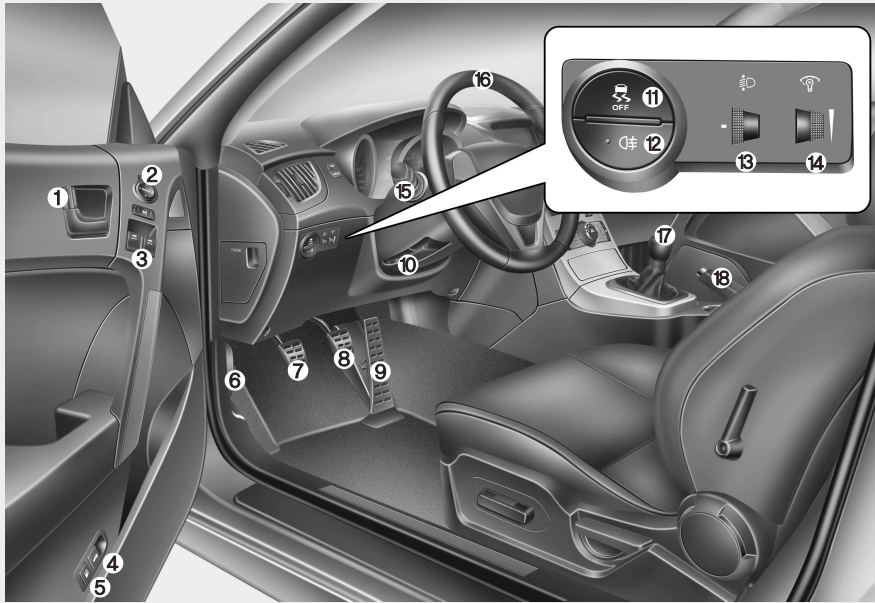
2

Interior overview / 2-2

Instrument panel overview / 2-3

Engine compartment / 2-4

INTERIOR OVERVIEW



- 1. Door lock/unlock button4-14
 - 2. Outside rearview mirror control switch4-35
 - 3. Power window switches4-20
 - 4. Trunk lid release switch4-18
 - 5. Fuel filler lid release button.....4-25
 - 6. Hood release lever.....4-24
 - 7. Clutch pedal*5-13
 - 8. Brake pedal.....5-22
 - 9. Accelerator pedal5-6, 5-9
 - 10. Steering wheel tilt4-32
 - 11. ESP OFF button5-27
 - 12. Rear fog light switch*4-61
 - 13. Head lamp leveling device*4-62
 - 14. Instrument panel illumination control knob*4-39
 - 15. Light control/Turn signals4-58
 - 16. Steering wheel4-31
 - 17. Shift lever.....5-12, 5-16
 - 18. Parking brake5-23
- * : if equipped

INSTRUMENT PANEL OVERVIEW



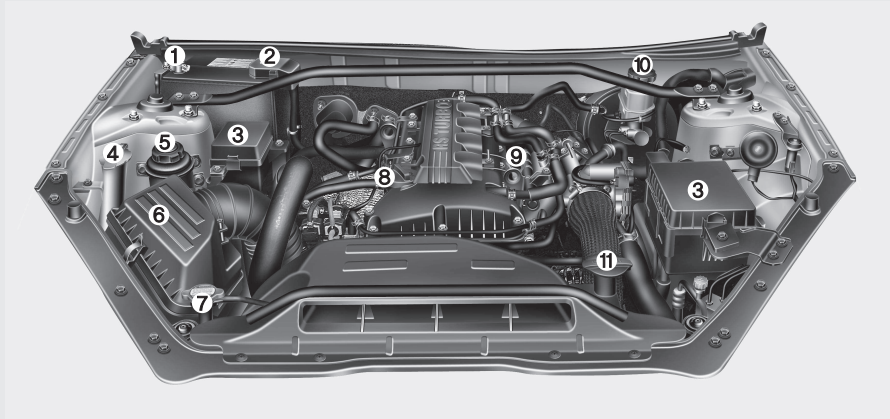
- 1. Instrument cluster.....4-37
 - 2. Horn4-32
 - 3. Driver's front air bag.....3-39
 - 4. Wiper/Washer.....4-63
 - 5. Ignition switch or engine start/stop button*5-4, 5-7
 - 6. Hazard warning flasher switch..4-56, 6-2
 - 7. Climate control system4-68, 4-77
 - 8. Seat warmer.....3-8
 - 9. Passenger's front air bag*3-39
- * : if equipped

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ENGINE COMPARTMENT

■ 2.0 TCI Engine



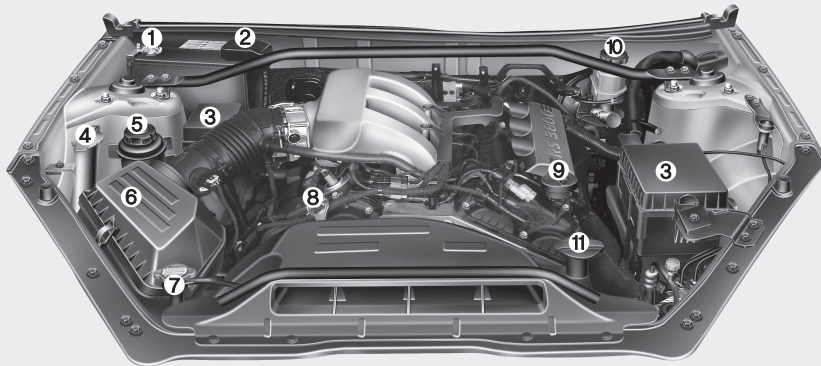
- 1. Negative battery terminal.....7-31
- 2. Positive battery terminal7-31
- 3. Fuse and relay box7-44
- 4. Windshield washer fluid reservoir7-23
- 5. Power steering fluid reservoir7-22
- 6. Air cleaner.....7-25
- 7. Radiator cap7-20
- 8. Engine oil filler cap7-17
- 9. Engine oil dipstick7-17
- 10. Brake fluid reservoir.....7-21
- 11. Engine coolant reservoir7-19

* The actual engine room in the vehicle may differ from the illustration.

OBK019003

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■ 3.8 Engine



- 1. Negative battery terminal.....7-31
- 2. Positive battery terminal7-31
- 3. Fuse and relay box7-44
- 4. Windshield washer fluid reservoir7-23
- 5. Power steering fluid reservoir7-22
- 6. Air cleaner.....7-25
- 7. Radiator cap7-20
- 8. Engine oil dipstick7-17
- 9. Engine oil filler cap7-17
- 10. Brake fluid reservoir.....7-21
- 11. Engine coolant reservoir7-19

* The actual engine room in the vehicle may differ from the illustration.

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Seats / 3-2

Seat belts / 3-14

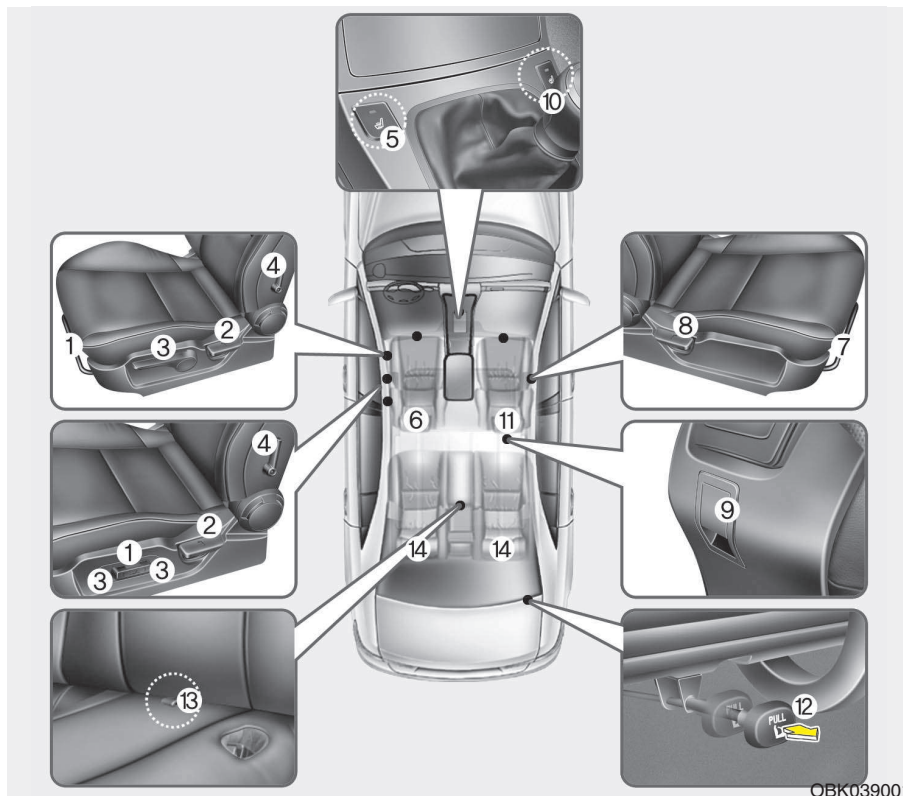
Child restraint system / 3-24

Air bag - supplemental restraint system / 3-33

Safety features of your vehicle

3

SEATS



Driver's seat

- (1) Forward and backward
- (2) Seatback angle
- (3) Seat cushion height*
- (4) Lumbar support*
- (5) Seat warmer*
- (6) Headrest

Front passenger's seat

- (7) Forward and backward
- (8) Seatback angle*
- (9) Walk-in seat
- (10) Seat warmer*
- (11) Headrest

Rear seat

- (12) Seatback locking knob
(in the trunk)
- (13) Seatback locking strap
(in the vehicle)
- (14) Headrest

*: if equipped

OBK039001

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⚠ WARNING - Loose objects
Loose objects in the driver's foot area could interfere with the operation of the foot pedals, possibly causing an accident. Do not place anything under the front seats.

⚠ WARNING - Uprighting seat

When you return the seatback to its upright position, hold the seatback and return it slowly and be sure there are no other occupants around the seat. If the seatback is returned without being held and controlled, the back of the seat could spring forward resulting in accidental injury to a person struck by the seatback.

⚠ WARNING - Driver responsibility for passengers

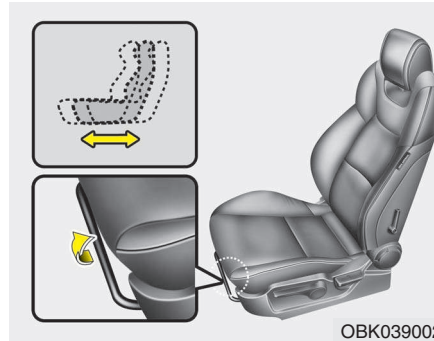
Riding in a vehicle with the seatback reclined could lead to serious or fatal injury in an accident. If a seat is reclined during an accident, the occupant's hips may slide under the lap portion of the seat belt applying great force to the unprotected abdomen. Serious or fatal internal injuries could result. The driver must advise the passenger to keep the seatback in an upright position whenever the vehicle is in motion.

⚠ WARNING - Driver's seat

- Never attempt to adjust the seat while the vehicle is moving. This could result in loss of control, and an accident causing death, serious injury, or property damage.
- Do not allow anything to interfere with the normal position of the seatback. Storing items against a seatback or in any other way interfering with proper locking of a seatback could result in serious or fatal injury in a sudden stop or collision.
- Always drive and ride with your seatback upright and the lap portion of the seat belt snug and low across the hips. This is the best position to protect you in case of an accident.
- In order to avoid unnecessary and perhaps severe air bag injuries, always sit as far back as possible from the steering wheel while maintaining comfortable control of the vehicle. We recommend that your chest be at least 250 mm (10 inches) away from the steering wheel.

⚠ WARNING

After adjusting the seat, always check that it is securely locked into place by attempting to move the seat forward or reverse 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.



Front seat adjustment - manual

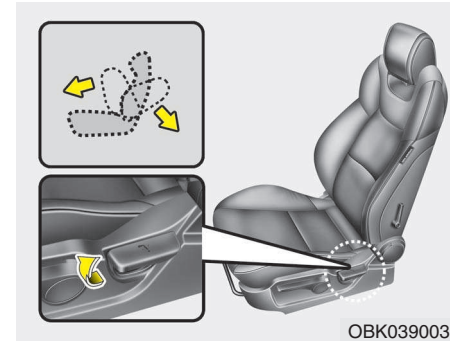
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Forward and backward

To move the seat forward or backward:

1. Pull the seat slide adjustment lever up and hold it.
2. Slide the seat to the position you desire.
3. Release the lever and make sure the seat is locked in place.

Adjust the seat before driving, and make sure the seat is locked securely by trying to move forward and backward without using the lever. If the seat moves, it is not locked properly.

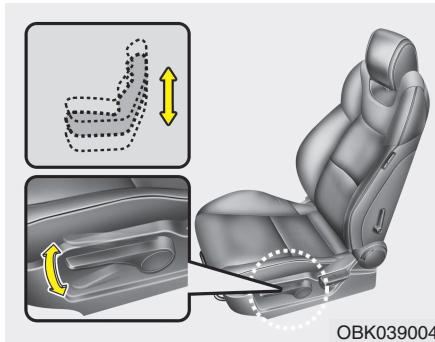


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Seatback angle

To recline the seatback:

1. Lean forward slightly and lift up the seatback recline lever.
2. Carefully lean back on the seat and adjust the seatback of the seat to the position you desire.
3. Release the lever and make sure the seatback is locked in place. (The lever **MUST** return to its original position for the seatback to lock.)



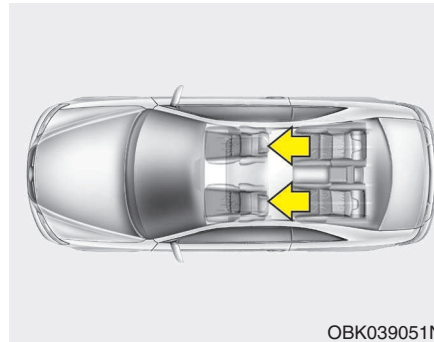
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Seat cushion height (for driver's seat)

To change the height of the seat cushion, push the lever upwards or downwards.

- To lower the seat cushion, push the lever down several times.
- To raise the seat cushion, pull the lever up several times.



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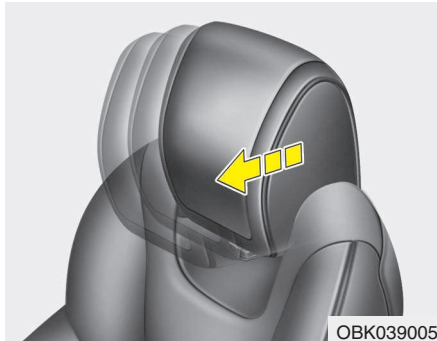
Headrest

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 protect the head and neck in the event of a collision.

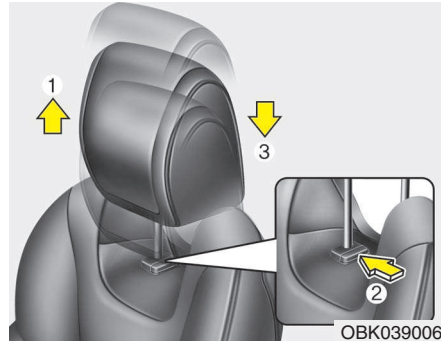
⚠ WARNING

- 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. For this reason, 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. 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.



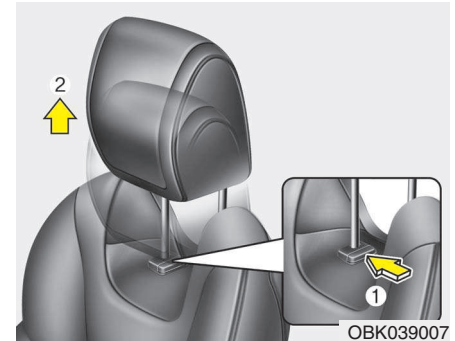
Forward and backward adjustment

The headrest may be adjusted forward to 3 different positions by pulling the headrest forward to the desired detent. To adjust the headrest to its furthest backward position, pull it fully forward to the farthest position and release it. Adjust the headrest so that it properly supports the head and neck.



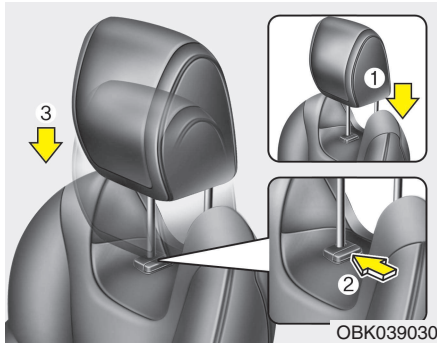
Adjusting the height up and down

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).



Removal

To remove the headrest, raise it as far as it can go then press the release button (1) while pulling upward (2).

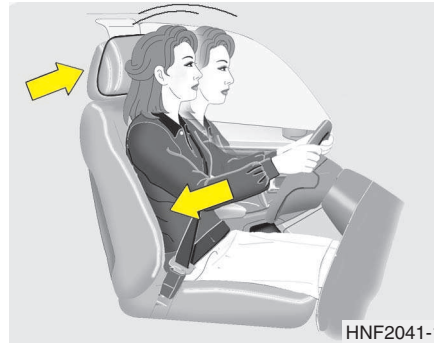


Reinstall

To reinstall the headrest, put the headrest poles (1) into the holes while pressing the release button (2). Then adjust it to the appropriate height.

⚠ WARNING

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

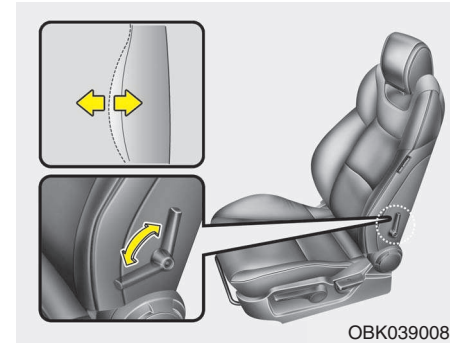


Active headrest (if equipped)

The active headrest is designed to move forward and upward during a rear impact. This helps prevent the driver's and front passenger's heads from moving backward and thus helps minimize neck injuries.

⚠ WARNING

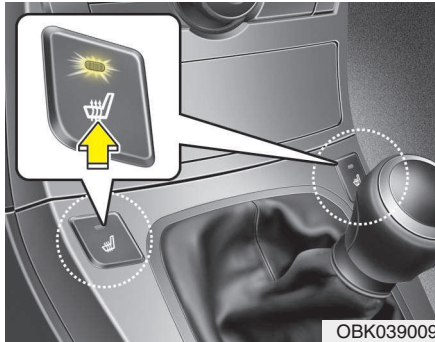
A gap between the seat and the headrest release button may appear when seating on the seat or when you push or pull the seat. Be careful not to get your finger, etc. caught in the gap.



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Lumbar support (for driver's seat)

The lumbar support can be adjusted by moving the lever. Pivoting the lever increases or decreases lumbar support.



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Seat warmer (if equipped)

The seat warmers are provided to warm the front seats during cold weather. While the engine is running, push either of the switches to warm the driver's seat or the front passenger's seat.

During mild weather or under conditions where the operation of the seat warmer is not needed, keep the switches in the OFF position.

- The seat warmer defaults to the OFF position whenever the ignition switch is turned on.

*** NOTICE**

With the seat warmer switch in the ON position, the heating system in the seat turns off or on automatically depending on the seat temperature.

⚠ CAUTION

- *When cleaning the seats, do not use an organic solvent such as thinner, benzene, alcohol and gasoline. Doing so may damage the surface of the heater or seats.*
- *To prevent overheating the seat warmer, do not place blankets, cushions or seat covers on the seats while the seat warmer is in operation.*
- *Do not place heavy or sharp objects on seats equipped with seat warmers. Damage to the seat warming components could occur.*

⚠ WARNING - Seat warmer burns

Passengers should use extreme caution when using seat warmers due to the possibility of excess heating or burns. The occupants must be able to feel if the seat is becoming too warm and to turn the seat warmer off. In particular, the driver must exercise extreme care for the following types of passengers:

1. Infants, children, elderly or disabled persons, or hospital outpatients
2. Persons with sensitive skin or those that burn easily
3. Fatigued individuals
4. Intoxicated individuals
5. Individuals taking medication that can cause drowsiness or sleepiness (sleeping pills, cold tablets, etc.)

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Front seat adjustment - power (for driver's seat) (if equipped)

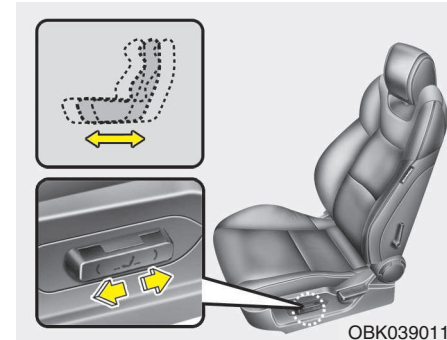
The front seat can be adjusted by using the control knob located on the outside of the seat cushion. Before driving, adjust the seat to the proper position so as to easily control the steering wheel, pedals and switches on the instrument panel.

⚠ WARNING

The power seat is operable with the ignition OFF. Therefore, children should never be left unattended in the car.

⚠ CAUTION

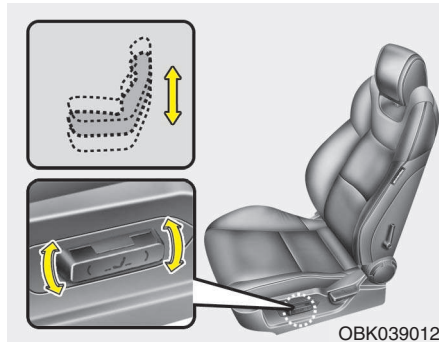
- *The power seat is driven by an electric motor. Stop operating once the adjustment is completed. Excessive operation may damage the electrical equipment.*
- *When in operation, the power seat consumes a large amount of electrical power. To prevent unnecessary charging system drain, don't adjust the power seat longer than necessary while the engine is not running.*
- *Do not operate two or more power seat control knobs at the same time. Doing so may result in power seat motor or electrical component malfunction.*



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Forward and backward

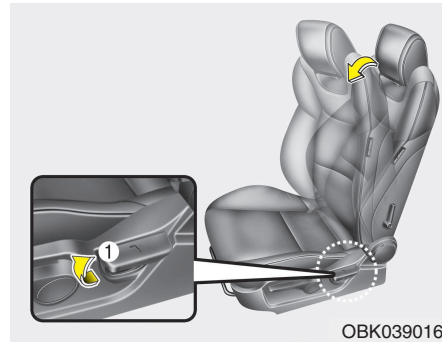
Push the control knob forward or backward to move the seat to the desired position. Release the knob once the seat reaches the desired position.



C010203ABH

Seat cushion height

Pull the front portion of the control knob up to raise or push down to lower the front part of the seat cushion. Pull the rear portion of the control knob up to raise or push down to lower the rear part of the seat cushion. Release the knob once the seat reaches the desired position.



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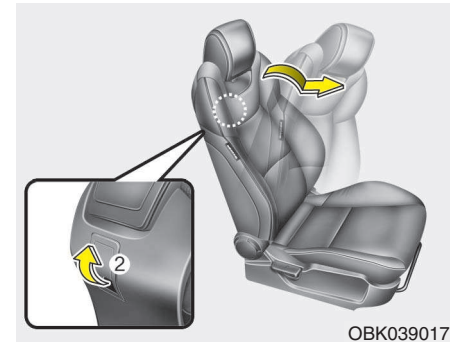
Rear seat entry (Walk in device)

The driver and front passenger's seatbacks should be tilted to enter the rear seat.

Driver's seat

By pulling up the seatback recline lever (1) the seatback will tilt forward. Then pull the seat slide adjustment lever up or push the control knob forward to move the seat forward.

After getting in or out, recline and return the seatback to the original position. Make sure that the seat is locked in place.



Front passenger's seat

By pulling up the walk in device lever (2) on the back of the front passenger's seatback, the seatback will tilt forward. Then push the seat forward to allow the occupants to enter.

By pulling up the seatback, the seatback is reclined and returned to the original position.

⚠ WARNING

- Never attempt to adjust the seat while the vehicle is moving or the front seats are occupied as the seat may suddenly move and cause the passenger on the seat to be injured.
- Do not put your hands underneath the seat while adjusting it.

⚠ WARNING

Don't drive with the passenger side seatback reclined. It is dangerous to move it while driving. Be sure the seatback is caterred firmly before driving.

Rear seat

C010307ABK

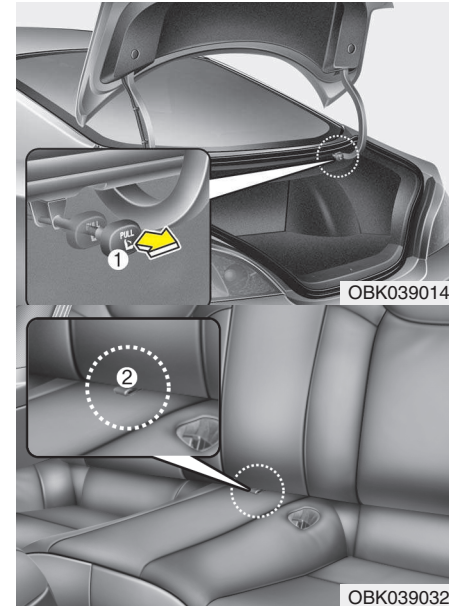
Folding the rear seat

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 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.

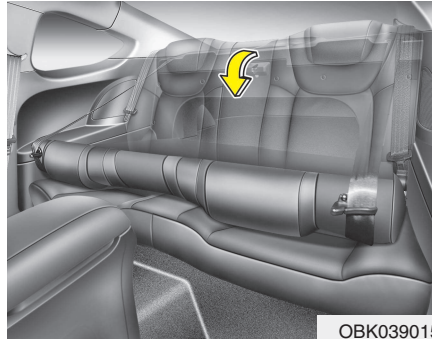


To fold down the rear seatback:

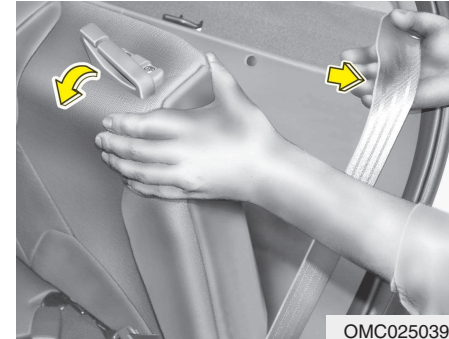
1. Set the front seatback to the upright position and if necessary, slide the front seat forward.
2. Pull out the seatback locking knob (1) in the trunk or the strap (2) at the central of the rearseat.

CAUTION

To discourage theft, use only the seatback locking strap(2) at the central of the rear seat in an emergency situation(battery is discharged) and normally, hide it not to visible.




3. Fold the seat toward the front of the vehicle.



4. For shoulder belt, take the belt webbing out of the rear shoulder belt guide and move the rear belt webbing to the outside so that they don't interfere with the seatback when folding.
5. 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.
6. Insert the belt webbing in the rear shoulder belt guide.

* NOTICE

If the seat belt may lock by seatback folding, you pull out the locked seat belt then release it.

 **CAUTION - Damaging rear seat belt buckles**

When you fold the rear seatback, insert the buckle in the pocket between the rear seatback and cushion. Doing so can prevent the buckle from being damaged by the rear seatback.

 **CAUTION - Rear seat belts**

- *When returning the rear seatbacks to the upright position, remember to return the rear shoulder belt to its proper position.*
- *After returning the rear seatbacks to the upright position, check that the rearseats are secure.*

 **WARNING - Cargo**

Cargo should always be secured to prevent it from being thrown about the vehicle in a collision and causing injury to the vehicle occupants. Special care should be taken of objects placed in the rear seats, since those may hit the front seat occupants in a frontal collision.

 **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.

 **CAUTION**

- *Make sure the engine is off, the automatic transmission is in P and the parking brake is applied whenever loading or unloading cargo. The Vehicle may move if the shift lever is inadvertently moved to another position.*
- *Be careful when loading cargo through the rear passenger seats to prevent damage to the vehicle interior.*
- *When cargo is loaded through the rear passenger seats, ensure the cargo is properly secured to prevent it from moving while driving. Unsecured cargo in the passenger compartment can cause damage to the vehicle or injury to its occupants.*

SEAT BELTS

C020100ABK

Seat belt restraint system

WARNING

- For maximum restraint system protection, the seat belts must always be used whenever the car is moving.
- Seat belts are most effective when seatbacks are in the upright position.
- Children age 12 and under must always be properly restrained in the rear seat. Never allow children to ride in the front passenger seat. If a child over 12 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.

(Continued)

(Continued)

- 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.

WARNING

Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.

(Continued)

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Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged. It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious. Belts should not be worn with straps twisted. Each seat belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.

WARNING

No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.



1GQA2083

C020101ABK-EE

Seat belt warning

Type A

As a reminder to the driver, the seat belt warning light will blink for approximately 6 seconds each time you turn the ignition switch ON regardless of belt fastening.

If the driver's seat belt is unfastened after the ignition switch is ON, the seat belt warning light blinks again for approximately 6 seconds.

If the driver's seat belt is not fastened when the ignition switch is turned ON or if it is unfastened after the ignition switch is ON, the seat belt warning chime will sound for approximately 6 seconds. At this time, if the seat belt is fastened, the chime will stop at once.

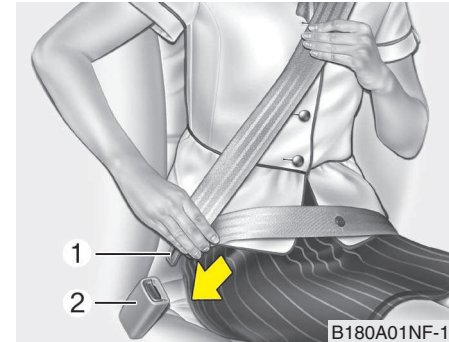
Type B

As a reminder to the driver, the seat belt warning lights will illuminate for approximately 6 seconds each time you turn the ignition switch ON regardless of belt fastening.

If the driver's seat belt is not fastened when the ignition switch is turned ON or if it is disconnected after the ignition switch is turned ON, the seat belt warning light will illuminate until the belt is fastened.

If you continue not to fasten the seat belt and you drive over 9km/h, the illuminated warning light will start to blink until you drive under 6km/h.

If you continue not to fasten the seat belt and you drive over 20km/h the seat belt warning chime will sound for approximately 100 seconds and the corresponding warning light will blink.



B180A01NF-1

C020102ABH

Lap/shoulder belt

To fasten your seat belt:

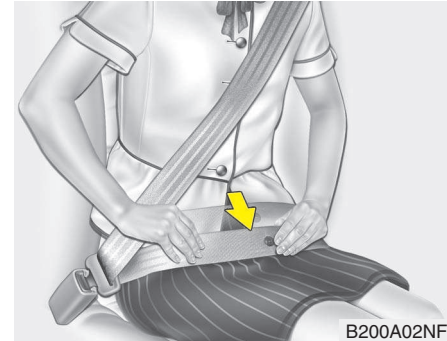
To fasten your seat belt, pull it out of the retractor and insert the metal tab (1) into the buckle (2). There will be an audible "click" when the tab locks into the buckle. The seat belt automatically adjusts to the proper length only after the lap belt portion is adjusted manually so that it fits snugly 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.

* NOTICE

If you are not able to pull out the seat belt from the retractor, firmly pull the belt out and release it. Then you will be able to pull the belt out smoothly.

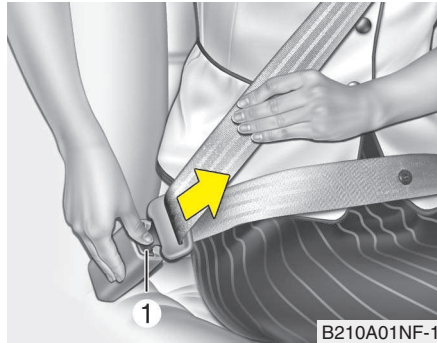
⚠ WARNING

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.



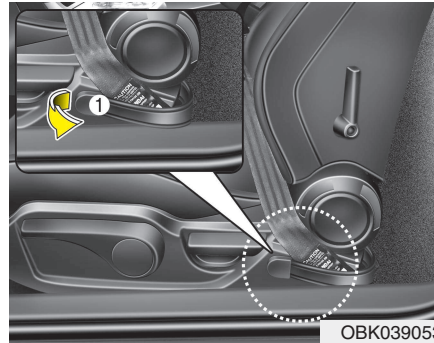
⚠ WARNING

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.



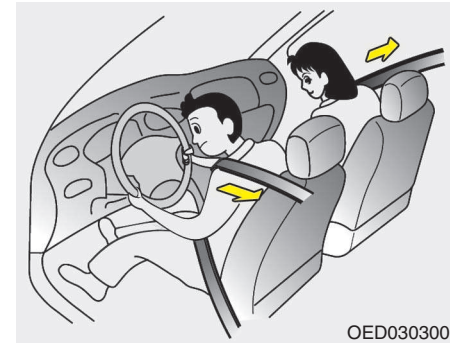
To release the seat belt:

The seat belt is released by pressing the release button (1) 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.



Belt guide

The belt guide is used to improve access to the seat belt and to allow access to the rear seat. When fastening your seat belt, tie the seat belt by using the belt guide as indicated in the illustration. The belt guide is secured by using the magnet(1) on the guide strap.



C020200ABH

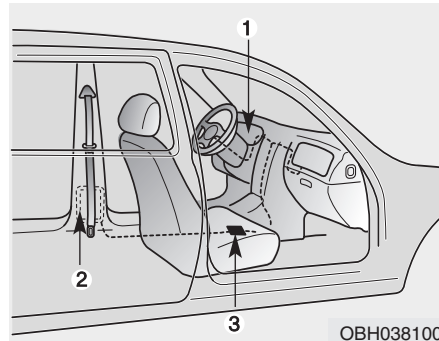
Pre-tensioner seat belt (if equipped)

Your 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 may be activated in crashes where the frontal collision is severe enough.

Safety features of your vehicle

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.

If the system senses excessive tension on the driver or passenger's seat belt when the pre-tensioner activates, the load limiter inside the pre-tensioner will release some of the pressure on the affected seat belt. (if equipped)



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

1. SRS air bag warning light
2. Retractor pre-tensioner assembly
3. SRS control module

⚠ WARNING


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

1. The seat belt must be worn correctly and adjusted to the proper position. Please read and follow all of the important information and precautions about your vehicle's occupant safety features – including seat belts and air bags – that are provided in this manual.
2. Be sure you and your passengers always wear seat belts properly.

*** NOTICE**

- Both the driver's and front passenger's pre-tensioner seat belts will be activated in certain frontal collisions.
- 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 all exposed skin areas thoroughly after an accident in which the pre-tensioner seat belts were activated.

*** NOTICE**

Because the sensor that activates the SRS air bag is connected with the pre-tensioner seat belt, the SRS air bag warning light  on the instrument panel will illuminate for approximately 6 seconds after the ignition switch has been turned to the ON position, and then it should turn off.

 **CAUTION**

If the pre-tensioner seat belt is not working properly, this warning light will illuminate even if there is no malfunction of the SRS air bag. If the SRS air bag warning light does not illuminate when the ignition switch is turned to ON, or if it remains illuminated after illuminating for approximately 6 seconds, or if it illuminates while the vehicle is being driven, have an authorized HYUNDAI dealer inspect the pre-tensioner seat belt and SRS air bag 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.
- 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.

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- Improper handling of the pre-tensioner seat belt assemblies, and failure to heed the warnings not to 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.
- If the vehicle or pre-tensioner seat belt must be discarded, contact an authorized HYUNDAI dealer.

C020300AUN

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 air bag, strike the interior structure or be thrown from the vehicle. Properly worn seat belts greatly reduce these hazards. Always follow the precautions about seat belts, air bags and occupant seating contained in this manual.

C020306AUN

Infant or small child

You should be aware of the specific requirements in your country. Child and/or infant seats must be properly placed and installed in the rear seat. For more information about the use of these restraints, refer to “Child restraint system” in this section.

 **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.

*** NOTICE**

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 Safety Standards of your country. Before buying any child restraint system, make sure that it has a label certifying that it meets Safety Standards of your country. The restraint must be appropriate for your child's height and weight. Check the label on the child restraint for this information. Refer to "Child restraint system" in this section.

C020301AJUN

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 and snugged on the hips and as low as possible. Check if the belt fits periodically. A child's squirming could put the belt out of position. Children are given 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 12) 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 age 12 and under should be restrained securely in the rear seat. NEVER place a child age 12 and under in the front seat. NEVER place a rear facing child seat in the front seat of a vehicle.

If the shoulder belt portion slightly touches the child's neck or face, try placing the child closer to the center of the vehicle. If the shoulder belt still touches their face or neck they need to be returned to a child restraint system.

 WARNING - Shoulder belts on small children

- Never allow a shoulder belt to be in contact with a child's neck or face while the vehicle is in motion.
- If seat belts are not properly worn and adjusted on children, there is a risk of death or serious injury.

C020302AKM

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.

 **WARNING - Pregnant women**

Pregnant women must never place the lap portion of the safety belt over the area of the abdomen where the fetus is located or above the abdomen where the belt could crush the fetus during an impact.

C020303AUN

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.

C020304AUN

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.

C020305ABK

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 air bags) 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, and with the seatbacks upright.

C020400ABK

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 has been 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 could possibly fail during a collision or sudden stop, resulting in serious injury. If the webbing or buckles are damaged, get them replaced immediately.

C020401AEN

Periodic inspection

All seat belts should be inspected periodically for wear or damage of any kind. Any damaged parts should be replaced as soon as possible.

C020402AUN

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.

C020403AEN

When to replace seat belts

Entire in-use seat belt assembly or 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 an authorized HYUNDAI dealer.

CHILD RESTRAINT SYSTEM

C030000AEN

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, 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.

You should be aware of the specific requirements in your country. 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 Safety Standards of your country.

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 tether anchor and/or ISOFIX anchors (if equipped).

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 air bag 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.
- A seat belt or child restraint system can become very hot if it is left in a closed vehicle on a sunny day, even if the outside temperature does not feel hot. Be sure to check the seat cover and buckles before placing a child there.
- When the child restraint system is not in use, store it in the luggage area or fasten it with a seat belt so that it will not be thrown forward in the case of a sudden stop or an accident.
- Children may be seriously injured or killed by an inflating air bag. All children, even those too large for child restraints, must ride in the rear seat.

WARNING

To reduce the chance of 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 air bag resulting in serious or fatal injuries.
- Always follow the child restraint system manufacturer's instructions for installation and use of the child restraint.
- Always make sure the child seat is secured properly in the car and your child is securely restrained in the child seat.
- 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.

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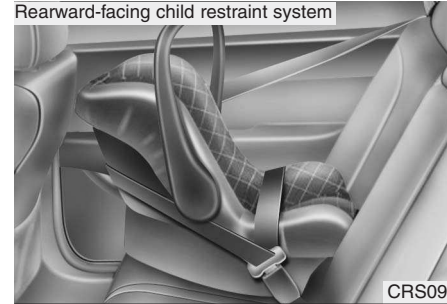
- Never leave children unattended in a vehicle – not even for a short time. The car can heat up very quickly, resulting in serious injuries to children inside. Even very young children may inadvertently cause the vehicle to move, entangle themselves in the windows, or lock themselves or others inside 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 the rear seat.
- Never allow a child to stand-up or kneel on the seat or floor 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.

(Continued)

(Continued)

- 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 vehicle is parked in direct sunlight. Always check seat belt buckles before fastening them over a child.

Rearward-facing child restraint system



Forward-facing child restraint system



C030100AEN

Using a child restraint 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.

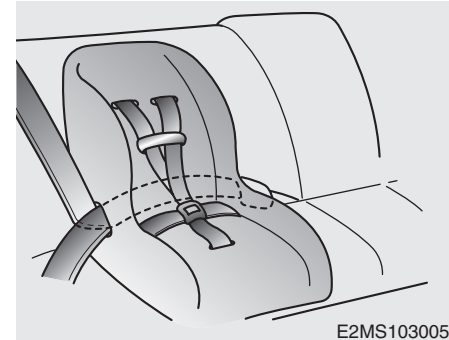
For safety reasons, we recommend that the child restraint system be used in the rear seats.

⚠ WARNING

Never place a rear-facing child restraint in the front passenger seat, because of the danger that an inflating passenger-side air bag could impact the rear-facing child restraint and kill the child.

⚠ WARNING - Child seat installation

- 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. 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 in this section, have the system checked immediately by your authorized HYUNDAI dealer.
- Failure to observe this manual's instructions regarding child restraint systems and the instructions provided with the child restraint system could increase the chance and/or severity of injury in an accident.



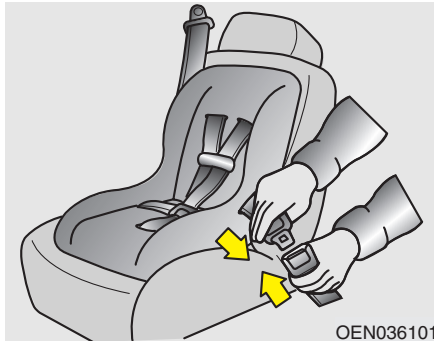
E2MS103005

C030102ABK

Installing a child restraint system by lap/shoulder belt

To install a child restraint system on the rear seats do the following:

1. Place the child restraint system in the seat and route the lap/shoulder belt around or through the restraint, following the restraint manufacturer's instructions. Be sure the seat belt webbing is not twisted.



2. Fasten the lap/shoulder belt latch into the buckle. Listen for the distinct “click” sound.

Position the release button so that it is easy to access in case of an emergency.



3. Buckle the seat belt and allow the seat belt to take up any slack. 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.

Safety features of your vehicle

C030105ABK

Child seat restraint suitability for seat position using the seat belt - For Europe

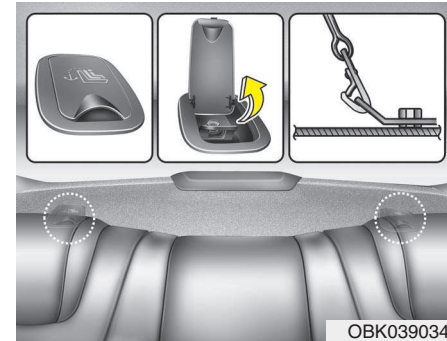
Use child safety seats that have been officially approved and are appropriate for your children. When using the child safety seats, refer to the following table.

Age group	Seating position	
	Front passenger	Rear outboard
0 : Up to 10 kg (0 - 9 months)	X	U
0+ : Up to 13 kg (0 - 2 years)	X	U
I : 9 kg to 18 kg (9 months - 4 years)	X	U
II & III : 15 kg to 36 kg (4 - 12 years)	X	U

U : Suitable for "universal" category restraints approved for use in this mass group

UF : Suitable for forward-facing "universal" category restraints approved for the use in this mass group

X : Seat position not suitable for children in this mass group



C030103ABH

Securing a child restraint seat with "Tether Anchor" system (if equipped)

Child restraint hook holders are located on the package tray.



1. Route the child restraint seat strap over the seatback.
For vehicles with adjustable headrest, route the tether strap under the headrest and between the headrest posts, otherwise route the tether strap over the top of the seatback.
2. Connect the tether strap hook to the appropriate child restraint hook holder 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 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.

⚠ WARNING - Tether strap

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.

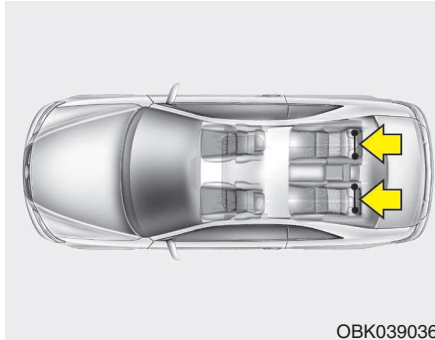
⚠ WARNING - Child restraint check

Check that the child restraint system is secure by pushing and pulling it in different directions. Incorrectly fitted child restraints may swing, twist, tip or separate causing death or serious injury.

⚠ WARNING - Child restraint anchorage

- Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts or harnesses or for attaching other items or equipment to the vehicle.
- The tether strap may not work properly if attached somewhere other than the correct tether anchor.

Safety features of your vehicle



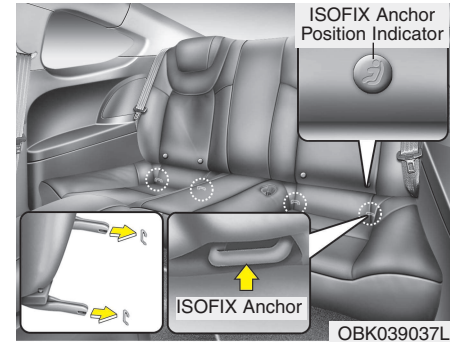
C030104ABK

Securing a child restraint system with "ISOFIX" system and "Tether Anchorage" system (if equipped)

ISOFIX is a standardised method of fitting child seats that eliminates the need to use the standard adult seat belt to secure the seat in the vehicle. This enables a much more secure and positive location with the added benefit of easier and quicker installation.

An ISOFIX-seat can only be installed if it has vehicle-specific approval in accordance with the requirements of ECE-R44.

There is a child restraint symbol located on the lower portion of each side of the rear seatbacks. These symbols indicate the position of the lower anchors for child restraints so equipped.



On each side of the rear seat, back of the rearseat cushion, are located a pair of ISOFIX anchorage points together with a top tether mounting on the shelf behind the rear seats. During the installation, the seat has to be engaged at the anchorage-points in a way you can hear it clicking (check by pulling!) and has to be fixed with the Top Tether-belt on the belonging point on the shelf behind rear seats.

The installing and the use of a child-seat has to be done according to the installing-manual, which is added to the ISOFIX-seat.

⚠ WARNING

Install the child restraint seat fully rearward against the seatback with the seatback in a vertical position, not reclined.

⚠ WARNING

When using the vehicle's "ISOFIX" 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.

To secure the child restraint seat

1. To engage the child restraint seat to the ISOFIX anchor, insert the child restraint seat latch into the ISOFIX anchor. Listen for the audible "click" sound.

⚠ CAUTION

Do not allow the rear seat belt webbing to get scratched or pinched by the ISOFIX-seat latch and ISOFIX anchor during the installation.

2. Connect the tether strap hook to the child restraint hook holder and tighten to secure the seat. (Refer to the previous page.)

⚠ WARNING

- Do not install a child restraint seat at the center of the rear seat using the vehicle's ISOFIX anchors. The ISOFIX anchors are only provided for the left and right outboard rear seating positions. Do not misuse the ISOFIX anchors by attempting to attach a child restraint seat in the middle of the rear seat to the ISOFIX anchors.

(Continued)

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In a crash, the child restraint seat ISOFIX attachments may not be strong enough to secure the child restraint seat properly in the center of the rear seat and may break, causing serious injury or death.

- Do not mount more than one child restraint to a child restraint lower anchorage point. The improper increased load may cause the anchorage points or tether anchor to break, causing serious injury or death.
- Attach the ISOFIX or ISOFIX-compatible child restraint seat only to the appropriate locations shown in the illustration.
- Always follow the installation and use instructions provided by the manufacturer of the child restraint.

Safety features of your vehicle

C030106ABK

Child seat restraint suitability for vehicle ISOFIX positions- For Europe

Mass Group	Size Class	Fixture	vehicle ISOFIX positions			
			Front Passenger	Rear Outboard (Driver side)	Rear Outboard (Passenger side)	Rear Center
Carrycot	F	ISO/L1	-	X	X	-
	G	ISO/L2	-	X	X	-
0 : UP to 10kg	E	ISO/R1	-	X	X	-
0+ : UP to 13kg	E	ISO/R1	-	X	X	-
	D	ISO/R2	-	X	X	-
	C	ISO/R3	-	X	X	-
I : 9 to 18kg	D	ISO/R2	-	X	X	-
	C	ISO/R3	-	X	X	-
	B	ISO/F2	-	IUF	IUF	-
	B1	ISO/F2X	-	IUF	IUF	-
	A	ISO/F3	-	X	X	-

IUF = Suitable for ISOFIX forward child restraints systems of universal category approved for use in the mass group.

X = ISOFIX position not suitable for ISOFIX child restraint system in this mass group and/or this size class.

* Both ISO/R2 and ISO/R3 are able to be set up only at the foremost position of the passenger seat.

* ISOFIX child restraint system size classes and fixtures

A - ISO/F3: Full-Height Forward-Facing toddler CRS (height 720mm)

B - ISO/F2: Reduced-Height Forward-Facing toddler CRS (height 650mm)

B1 - ISO/F2X: Reduced-Height Second Version Back Surface Shape Forward-Facing toddler CRS (height 650mm)

C - ISO/R3: Full-Size Rearward-Facing toddler CRS

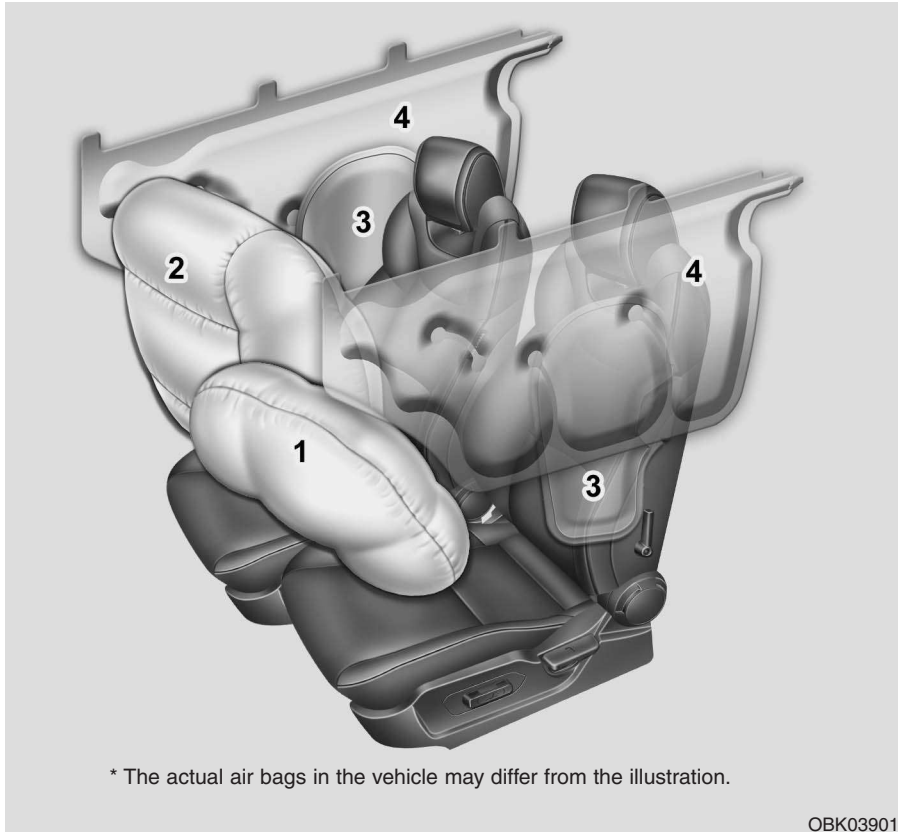
D - ISO/R2: Reduced-Size Rearward-Facing toddler CRS

E - ISO/R1: Infant-Size Rearward-Facing CRS

F - ISO/L1: Left Lateral Facing position CRS (carry-cot)

G - ISO/L2: Right Lateral Facing position CRS (carry-cot)

AIR BAG - SUPPLEMENTAL RESTRAINT SYSTEM



C040000ABK

- (1) Driver's front air bag
- (2) Passenger's front air bag*
- (3) Side impact air bag*
- (4) Curtain air bag*

* : if equipped

⚠ WARNING

Even in vehicles with air bags, you and your passengers must always wear the safety belts provided in order to minimize the risk and severity of injury in the event of a collision or rollover.

* The actual air bags in the vehicle may differ from the illustration.

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How does the air bag system operate

- Air bags are activated (able to inflate if necessary) only when the ignition switch is turned to the ON or START position.
- Air bags inflate instantly in the event of a serious frontal or side collision (if equipped with side impact air bag or curtain air bag) in order to help protect the occupants from serious physical injury.
- There is no single speed at which the air bags will inflate.

Generally, air bags are designed to inflate based upon the severity of a collision and its direction. These two factors determine whether the sensors produce an electronic deployment/inflation signal.

- Air bag deployment depends on a number of factors including vehicle speed, angles of impact and the density and stiffness of the vehicles or objects which your vehicle hits in the collision. The determining factors are not limited to those mentioned above.
- The front air bags will completely inflate and deflate in an instant.

It is virtually impossible for you to see the air bags inflate during an accident.

It is much more likely that you will simply see the deflated air bags hanging out of their storage compartments after the collision.

- In order to help provide protection in a severe collision, the air bags must inflate rapidly. The speed of air bag inflation is a consequence of the extremely short time in which a collision occurs and the need to inflate the air bag between the occupant and the vehicle structures before the occupant impacts those structures. This speed of inflation reduces the risk of serious or life-threatening injuries in a severe collision and is thus a necessary part of air bag design.

However, air bag inflation can also cause injuries which can include facial abrasions, bruises and broken bones because the inflation speed also causes the air bags to expand with a great deal of force.

- **There are even circumstances under which contact with the steering wheel air bag can cause fatal injuries, especially if the occupant is positioned excessively close to the steering wheel.**

WARNING

- **To avoid severe personal injury or death caused by deploying air bags in a collision, the driver should sit as far back from the steering wheel air bag as possible (at least 250 mm (10 inches) away). The front passengers should always move their seats as far back as possible and sit back in their seat.**
- **Air bags inflate instantly in the event of collision, and passengers may be injured by the air bag expansion force if they are not in proper position.**
- **Air bag inflation may cause injuries including facial or bodily abrasions, injuries from broken glasses or burns.**

C040902AEN

Noise and smoke

When the air bags inflate, they make a loud noise and they leave smoke and powder in the air inside of the vehicle. This is normal and is a result of the ignition of the air bag inflator. After the air bag inflates, you may feel substantial discomfort in breathing due to the contact of your chest with both the seat belt and the air bag, as well as from breathing the smoke and powder. **Open your doors and/or windows as soon as possible after impact in order to reduce discomfort and prevent prolonged exposure to the smoke and powder.**

Though the smoke and powder are non-toxic, they may cause irritation to the skin (eyes, nose and throat, etc). If this is the case, wash and rinse with cold water immediately and consult a doctor if the symptom persists.

⚠ WARNING

When the air bags deploy, the air bag related parts in the steering wheel and/or instrument panel and/or in both sides of the roof rails above the front and rear doors are very hot. To prevent injury, do not touch the air bag storage area's internal components immediately after an air bag has inflated.



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C040903AEN

Do not install a child restraint on the front passenger's seat.

Never place a rear-facing child restraint in the front passenger's seat. If the air bag deploys, it would impact the rear-facing child restraint, causing serious or fatal injury.

In addition, do not place front-facing child restraints in the front passenger's seat either. If the front passenger air bag inflates, it could cause serious or fatal injuries to the child.

⚠ WARNING

- **Extreme Hazard! Do not use a rearward facing child restraint on a seat protected by an air bag in front of it!**
- **Never put a child restraint in the front passenger's seat. If the front passenger air bag inflates, it can cause serious or fatal injuries.**



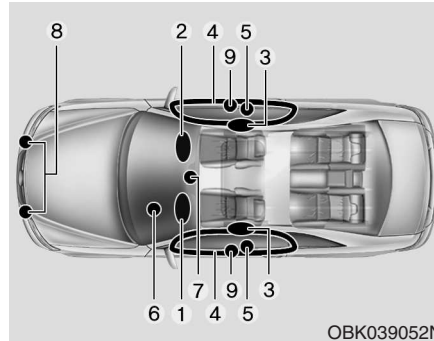
C041000AEN

Air bag warning light

The purpose of the air bag warning light in your instrument panel is to alert you of a potential problem with your air bag - Supplemental Restraint System (SRS). When the ignition switch is turned ON, the warning light should illuminate for approximately 6 seconds, then go off.

Have the system checked if:

- The light does not turn on briefly when you turn the ignition ON.
- The light stays on after illuminating for approximately 6 seconds.
- The light comes on while the vehicle is in motion.



C040100AEN

SRS components and functions

The SRS consists of the following components:

1. Driver's front air bag module
2. Passenger's front air bag module*
3. Side impact air bag modules*
4. Curtain air bag modules*
5. Retractor pre-tensioner assemblies*
6. Air bag warning light
7. SRS control module (SRSCM)
8. Front impact sensors
9. Side impact sensors*

*: if equipped

The SRSCM continually monitors all SRS components while the ignition switch is ON to determine if a crash impact is severe enough to require air bag 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 switch is turned to the ON position, after which the SRS air bag warning light "🚗" should go out.

If any of the following conditions occurs, this indicates a malfunction of the SRS. Have an authorized HYUNDAI dealer inspect the air bag system as soon as possible.

- The light does not turn on briefly when you turn the ignition ON.
- The light stays on after illuminating for approximately 6 seconds.
- The light comes on while the vehicle is in motion.

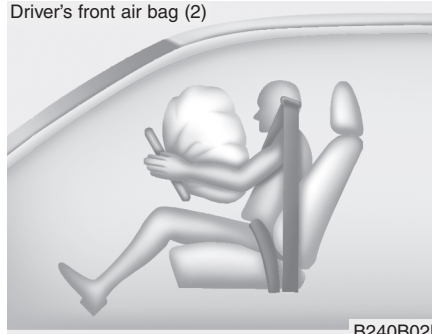
Driver's front air bag (1)



B240B01L

The front air bag 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 air bags.

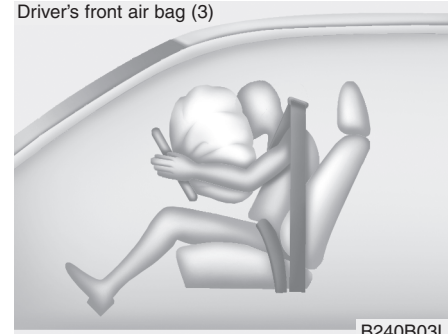
Driver's front air bag (2)



B240B02L

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

Driver's front air bag (3)

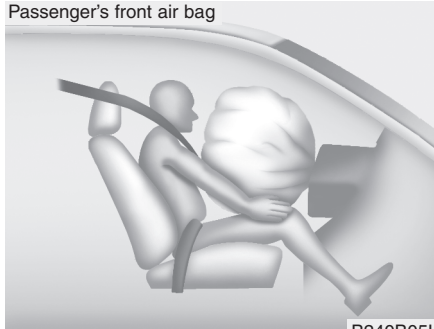


B240B03L

A fully inflated air bag, 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 air bag immediately starts deflating, enabling the driver to maintain forward visibility and the ability to steer or operate other controls.

Passenger's front air bag



B240B05L

⚠ WARNING

- 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 air bag. Such objects may become dangerous projectiles and cause injury if the passenger's air bag 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. It may become a dangerous projectile and cause injury if the passenger's air bag inflates.

⚠ WARNING

- If an air bag 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 air bags are packed in this fine powder. The dust generated during air bag 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 air bags were deployed.
- The SRS can function only when the ignition switch 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 switch 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 an authorized HYUNDAI dealer.

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

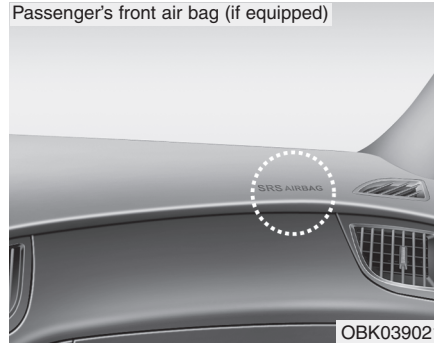


C040400ABH-EE

Driver's and passenger's front air bag (if equipped)

Your vehicle is equipped with a Supplemental Restraint (Air Bag) System and lap/shoulder belts at both the driver and passenger seating positions. The indications of the system's presence are the letters "SRS AIR BAG" embossed on the air bag pad cover in the steering wheel and the passenger's side front panel pad above the glove box.

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



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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.

⚠ WARNING

Always use seat belts and child restraints – every trip, every time, everyone! Air bags 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 air bag. Even with air bags, improperly belted and unbelted occupants can be severely injured when the air bag inflates. Always follow the precautions about seat belts, air bags 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.
- ABC – Always Buckle Children in the back seat. It is the safest place for children of any age to ride.
- Front and side air bags can injure occupants improperly positioned in the front seats.


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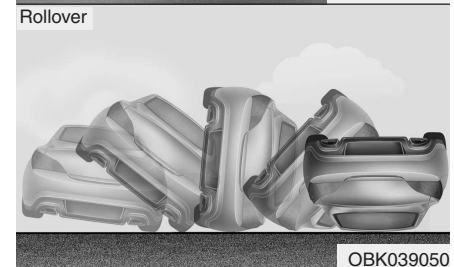
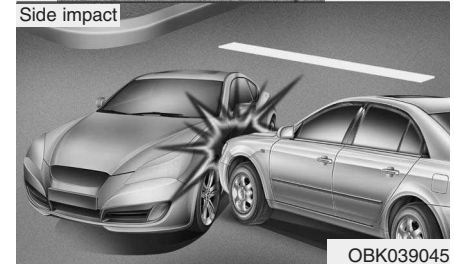
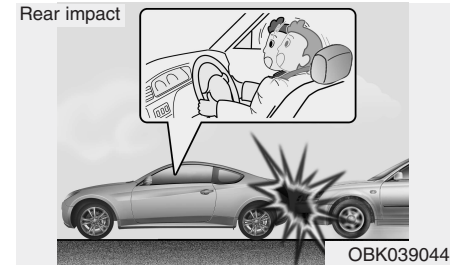
- Move your seat as far back as practical from the front air bags, while still maintaining control of the vehicle.
- You and your passengers should never sit or lean unnecessarily close to the air bags. Improperly positioned drivers and passengers can be severely injured by inflating air bags.
- Never lean against the door or center console – always sit in an upright position.
- No objects should be placed over or near the air bag 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 air bags to deploy.
- 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 air bags or by rendering the SRS inoperative.

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- If the SRS air bag warning light “” remains illuminated while the vehicle is being driven, have an authorized HYUNDAI dealer inspect the air bag system as soon as possible.
- Air bags can only be used once – have an authorized HYUNDAI dealer replace the air bag immediately after deployment.
- The SRS is designed to deploy the front air bags only when an impact is sufficiently severe and when the impact angle is less than 30° from the forward longitudinal axis of the vehicle. Additionally, the air bags will only deploy once. Seat belts must be worn at all times.
- Front air bags are not intended to deploy in side-impact, rear-impact or rollover crashes. In addition, front air bags will not deploy in frontal crashes below the deployment threshold.

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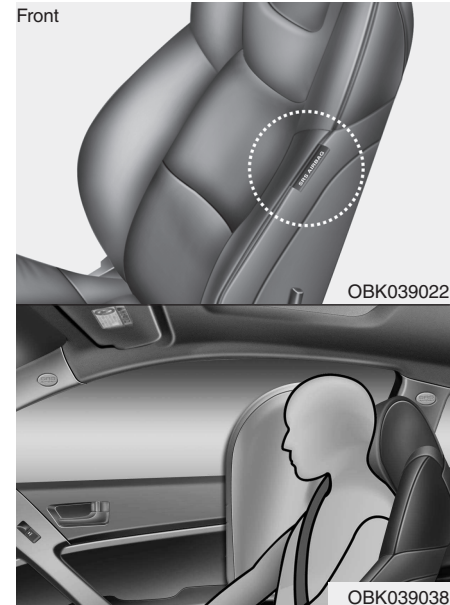
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- A child restraint system must never be placed in the front seat. The infant or child could be severely injured or killed by an air bag deployment in case of an accident.
- Children age 12 and under must always be properly restrained in the rear seat. Never allow children to ride in the front passenger seat. If a child over 12 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 air bag 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 air bag while the vehicle is in motion.

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- 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 air bag 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 air bag may forcefully contact the occupant causing serious or fatal injuries.



C040600ABK

Side impact air bag (if equipped)

Your vehicle is equipped with a side impact air bag in each front seat. The purpose of the air bag 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 air bags are designed to deploy only during certain side-impact collisions, depending on the crash severity, angle, speed and point of impact. The side impact air bags are not designed to deploy in all side impact situations.

WARNING

- The side impact air bag is supplemental to the 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 air bags deploy only in certain side impact conditions severe enough to cause significant injury to the vehicle occupants.
- For best protection from the side impact air bag system and to avoid being injured by the deploying side impact air bag, 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' arms and hands should be placed on their laps.
- Do not use any accessory seat covers.

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- Use of seat covers could reduce or prevent the effectiveness of the system.
- Do not install any accessories on the side or near the side impact air bag.
- Do not place any objects over the air bag or between the air bag and yourself.
- Do not place any objects (an umbrella, bag, etc.) between the door and the seat. Such objects may become dangerous projectiles and cause injury if the supplemental side impact air bag inflates.
- To prevent unexpected deployment of the side impact air bag that may result in personal injury, avoid impact to the side impact sensor when the ignition switch is on.
- If the seat or seat cover is damaged, have the vehicle checked and repaired by an authorized HYUNDAI dealer because your vehicle is equipped with side impact air bags.



C040700ABK

Curtain air bag (if equipped)

Curtain air bags are located along both sides of the roof rails above the doors.

They are designed to help protect the heads of the front seat occupants in certain side impact collisions.

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

⚠ WARNING

- In order for side and curtain air bags to provide the best protection, both front seat occupants should sit in an upright position with the seat belts properly fastened. Importantly, children should sit in a proper child restraint system in the rear seat.

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- Do not allow the passengers to lean their heads or bodies onto doors, put their arms on the doors, stretch their arms out of the window, or place objects between the doors and passengers when they are seated on seats equipped with side and/or curtain air bags.
- Never try to open or repair any components of the side curtain air bag system. This should only be done by an authorized HYUNDAI dealer.

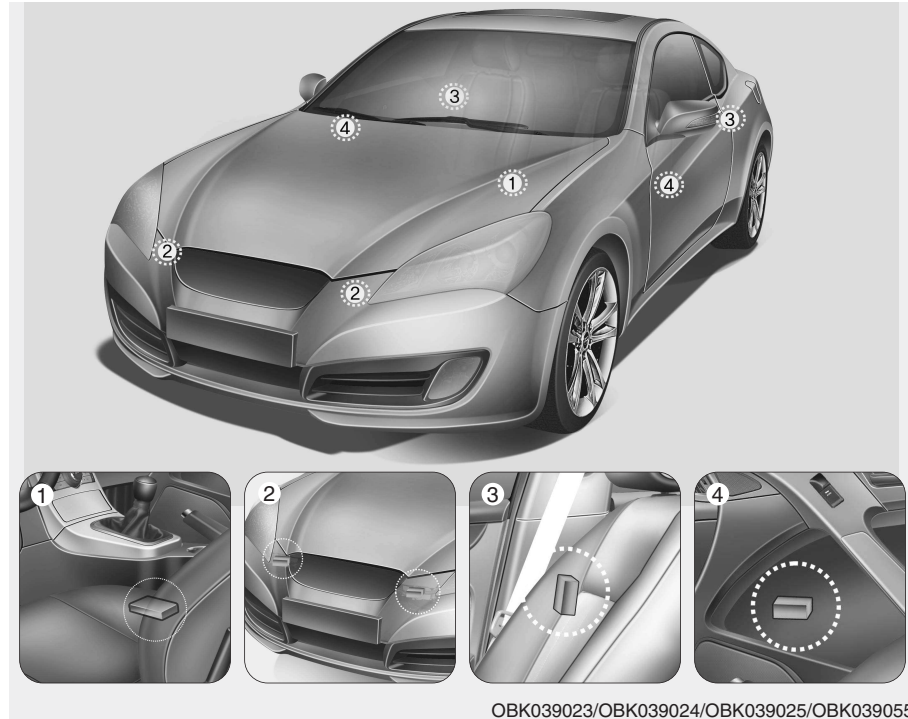
Failure to follow the above instructions can result in injury or death to the vehicle occupants in an accident.

C040800ABK

Why didn't my air bag go off in a collision? (Inflation and non-inflation conditions of the air bag)

There are many types of accidents in which the air bag would not be expected to provide additional protection.

These include rear impacts, second or third collisions in multiple impact accidents, as well as low speed impacts. In other words, just because your vehicle is damaged and even if it is totally unusable, don't be surprised that the air bags did not inflate.



Air bag collision sensors

- (1) SRS control module
- (2) Front impact sensor

- (3) Side impact sensor (G-Type)
- (4) Side impact sensor (P-Type)

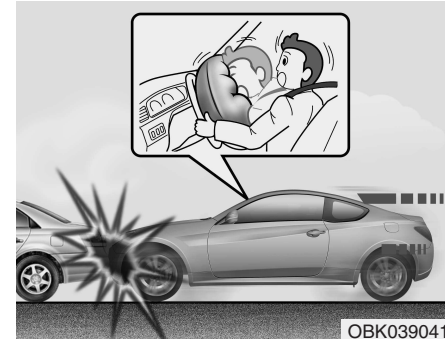
⚠ WARNING

- Do not hit or allow any objects to impact the locations where air bags or sensors are installed. This may cause unexpected air bag deployment, which could result in serious personal injury or death.
- If the installation location or angle of the sensors is altered in any way, the air bags may deploy when they should not or they may not deploy when they should, causing severe injury or death. Therefore, do not try to perform maintenance on or around the air bag sensors. Have the vehicle checked and repaired by an authorized HYUNDAI dealer.

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- Problems may arise if the sensor installation angles are changed due to the deformation of the front bumper, body or B and C pillars where side collision sensors are installed. Have the vehicle checked and repaired by an authorized HYUNDAI dealer.
- Your vehicle has been designed to absorb impact and deploy the air bag(s) in certain collisions. Installing bumper guards or replacing a bumper with non-genuine parts may adversely affect your vehicle's collision and air bag deployment performance.



C040801AEN

Air bag inflation conditions

Front air bags

Front air bags are designed to inflate in a frontal collision depending on the intensity, speed or angles of impact of the front collision.



Side impact and curtain air bags (if equipped)

Side impact and curtain air bags are designed to inflate when an impact is detected by side collision sensors depending on the strength, speed or angles of impact resulting from a side impact collision.

Although the front air bags (driver's and front passenger's air bags) are designed to inflate in frontal collisions, they also may inflate in other types of collisions if the front impact sensors detect a sufficient impact. Side impact and curtain air bags are designed to inflate in side impact collisions, but they may inflate in other collisions if the side impact sensors detect a sufficient impact.

If the vehicle chassis is impacted by bumps or objects on unimproved roads, the air bags may deploy. Drive carefully on unimproved roads or on surfaces not designed for vehicle traffic to prevent unintended air bag deployment.



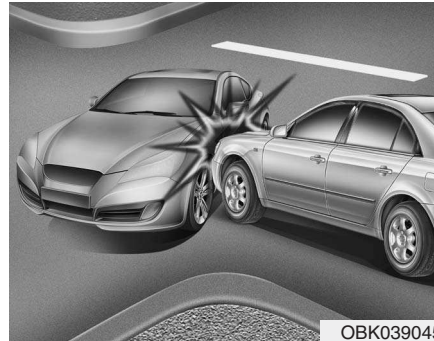
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Air bag non-inflation conditions

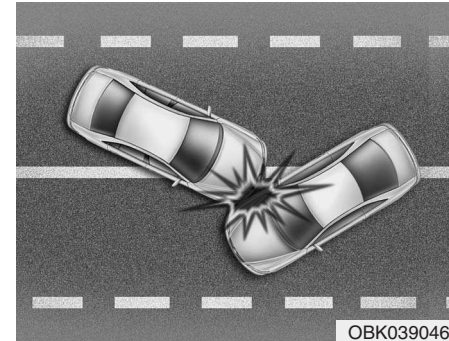
- In certain low-speed collisions the air bags may not deploy. The air bags are designed not to deploy in such cases because they may not provide benefits beyond the protection of the seat belts in such collisions.



- Frontal air bags are not designed to inflate in rear collisions, because occupants are moved backward by the force of the impact. In this case, inflated air bags would not be able to provide any additional benefit.

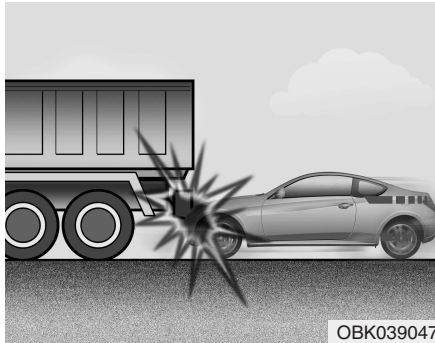


- Front air bags may not inflate in side impact collisions, because occupants move to the direction of the collision, and thus in side impacts, frontal air bag deployment would not provide additional occupant protection.
However, side impact and curtain air bags may inflate depending on the intensity, vehicle speed and angles of impact.

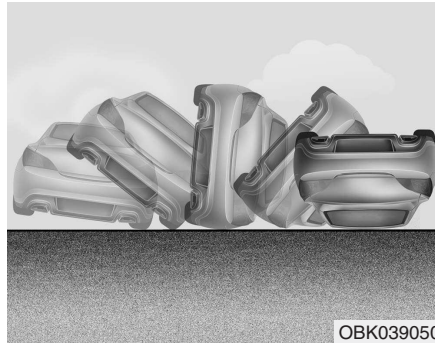


- In an angled collision, the force of impact may direct the occupants in a direction where the air bags would not be able to provide any additional benefit, and thus the sensors may not deploy any air bags.

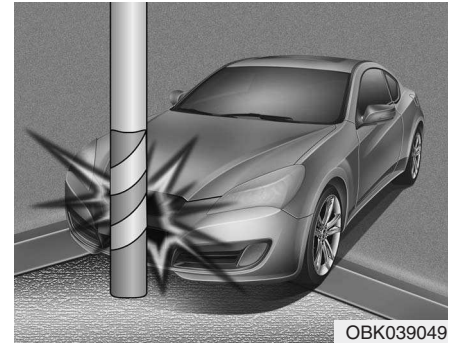
Safety features of your vehicle



- Just before impact, drivers often brake heavily. Such heavy braking lowers the front portion of the vehicle causing it to “ride” under a vehicle with a higher ground clearance. Air bags may not inflate in this “under-ride” situation because deceleration forces that are detected by sensors may be significantly reduced by such “under-ride” collisions.




- Air bags may not inflate in rollover accidents because air bag deployment would not provide protection to the occupants. However, side impact and curtain air bags may inflate when the vehicle is rolled over by a side impact collision, if the vehicle is equipped with side impact air bags and curtain air bags.



- Air bags may not inflate if the vehicle collides with objects such as utility poles or trees, where the point of impact is concentrated to one area and the full force of the impact is not delivered to the sensors.

C041100ABK

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 when you turn the ignition ON, or if it continuously remains on, have your vehicle immediately inspected by an authorized HYUNDAI dealer.

Any work on the SRS system, such as removing, installing, repairing, or any work on the steering wheel, the front passenger's panel, front seats and roof rails must be performed by an authorized HYUNDAI dealer. Improper handling of the SRS system may result in serious personal injury.

 WARNING

- **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 air bag pad covers, use only a soft, dry cloth or one which has been moistened with plain water. Solvents or cleaners could adversely affect the air bag covers and proper deployment of the system.**
- **No objects should be placed over or near the air bag 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 air bags to inflate.**

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- **If the air bags 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 air bags or by rendering the SRS inoperative.**
- **If components of the air bag system must be discarded, or if the vehicle must be scrapped, certain safety precautions must be observed. An authorized 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.**
- **If your car was flooded and has soaked carpeting or water on the flooring, you shouldn't try to start the engine; have the car towed to an authorized HYUNDAI dealer.**

C041300AUN

Additional safety precautions

- **Never let passengers ride in the cargo area 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 air bags.** Carrying hard or sharp objects on your lap or in your mouth can result in injuries if an air bag inflates.

- **Keep occupants away from the air bag 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 air bag covers, they could be injured if the air bags inflate.
- **Do not attach or place objects on or near the air bag covers.** Any object attached to or placed on the front or side air bag covers could interfere with the proper operation of the air bags.
- **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 air bags.
- **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.

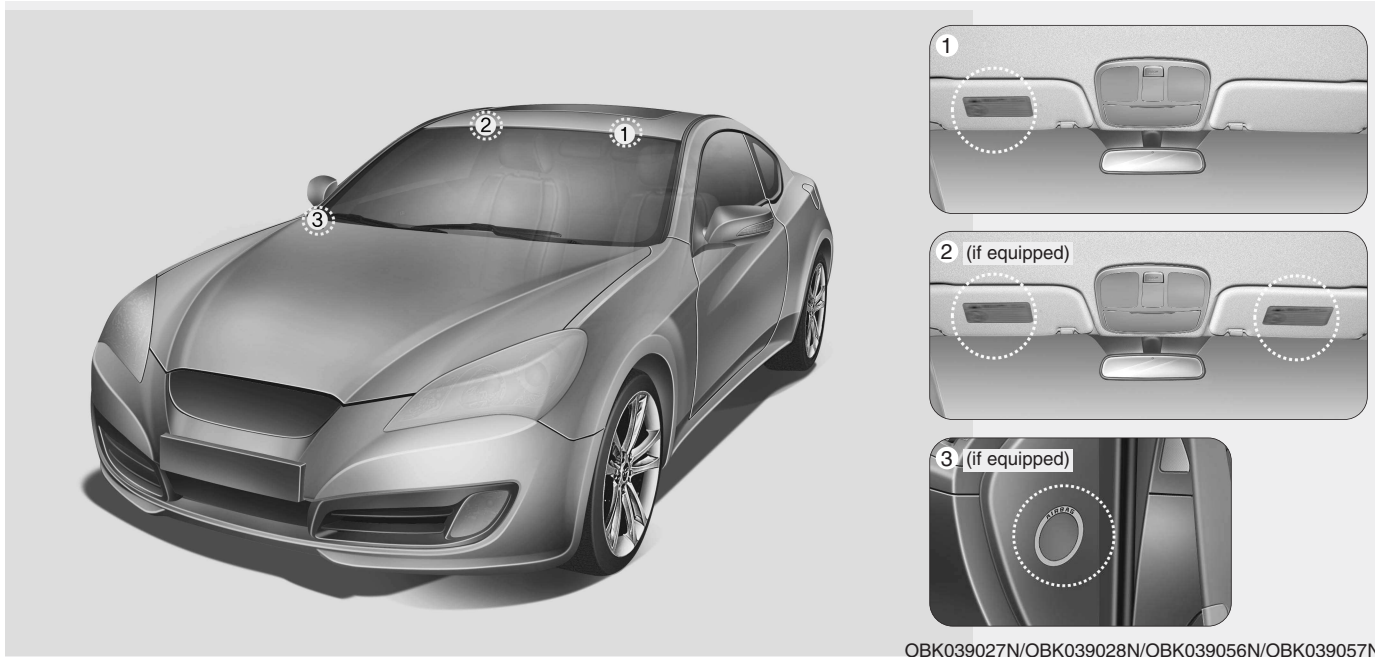
WARNING

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

C041400AUN

Adding equipment to or modifying your air bag-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 affect the operation of your vehicle's air bag system.



C041200AUN

Air bag warning label

Air bag warning labels are attached to alert the driver and passengers (if equipped) of potential risk of air bag system.

Note that these government warnings focus on the risk to children, we also want you to be aware of the risks which adults are exposed to. Those have been described in previous pages.

Keys / 4-3
Smart key / 4-5
Remote keyless entry / 4-8
Theft-alarm system / 4-11
Door locks / 4-14
Trunk / 4-18
Windows / 4-20
Hood / 4-24

Features of your vehicle

4

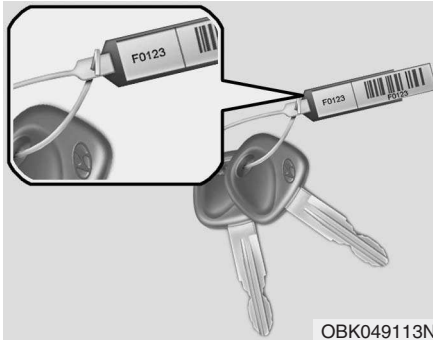
Fuel filler lid / 4-25
Sunroof / 4-28
Steering wheel / 4-31
Mirrors / 4-33
Instrument cluster / 4-37
Rear parking assist system / 4-54
Hazard warning flasher / 4-56
Lighting / 4-57
Wipers and washers / 4-63
Interior light / 4-65
Defroster / 4-67
Manual climate control system / 4-68
Automatic climate control system / 4-77
Windshield defrosting and defogging / 4-87
Storage compartment / 4-90

Interior features / 4-91
Audio system / 4-97

4

Features of your vehicle

KEYS (IF EQUIPPED)



OBK049113N

D010100AEN

Record your key number

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

D010200AEN

Key operations

Used to start the engine, lock and unlock the doors.

⚠ WARNING - Ignition key

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

⚠ WARNING

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



OHD046100

D010300ABK

Immobilizer system (if equipped)

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

Your immobilizer system is comprised of a small transponder in the ignition key and electronic devices inside the vehicle. With the immobilizer system, whenever you insert your ignition key into the ignition switch and turn it to ON, it checks and determines and verifies if the ignition key is valid or not.

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

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

To deactivate the immobilizer system:

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

To activate the immobilizer system:

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

WARNING

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

*** NOTICE**

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

CAUTION

Do not put metal accessories near the ignition switch. Metal accessories may interrupt the transponder signal and may prevent the engine from being started.

*** NOTICE**

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

CAUTION

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

CAUTION

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

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

SMART KEY (IF EQUIPPED)



OYF049211

D040000ABK

With a smart key, you can lock or unlock a door and even start the engine without inserting the key.

The functions of buttons on a smart key are similar to the remote keyless entry. (Refer to the “Remote keyless entry” in this section.)

D040100ABK

Smart key functions

With the smart key, you can lock and unlock the vehicle doors, and the smart key enables starting of the engine as well. Detailed information follows:



OBK049002

D040101ABK

Locking

Pressing the button of the outside door handles with all doors closed and any door unlocked, locks all the doors. The hazard warning lights blink once to indicate that all doors are locked. The button will only operate when the smart key is within 0.7~1 m (28~40 in.) from the outside door handle. If you want to make sure that a door has locked or not, you should check the door lock button inside the vehicle or pull the outside door handle.

Even though you press the outside door handle buttons, the doors will not lock and the chime will sound for 3 seconds if any of following occur:

- The smart key is in the vehicle.
- The ignition switch is in ACC or ON position.
- Any door except the trunk is open.

D040102ABK

Unlocking

Pressing the button of the front outside door handles with all doors closed and locked, unlocks all the doors. The hazard warning lights blink twice to indicate that all doors are unlocked. The button will only operate when the smart key is within 0.7~1 m (28~40 in.) from the outside door handle.

When the smart key is recognized in the area of 0.7~1 m (28~40 in.) from the front outside door handle, other people can also open the door without possession of the smart key.

D040104AEN

Start-up

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

D040300AEN

Smart key precautions

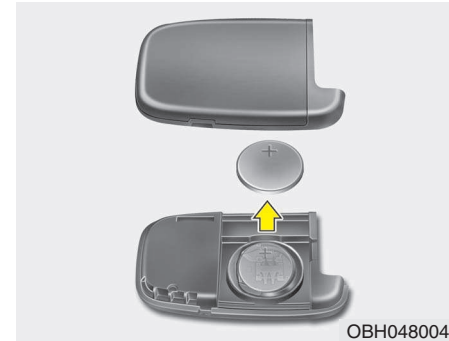
* NOTICE

- If, for some reason, you happen to lose your smart key, you will not be able to start the engine. Tow the vehicle, if necessary, and contact an authorized HYUNDAI dealer.
- A maximum of 2 smart keys can be registered to a single vehicle. If you lose a smart key, you should immediately take the vehicle and key to your authorized HYUNDAI dealer to protect it from potential theft.
- The smart key will not work if any of following occur:
 - The smart key is close to a radio transmitter such as a radio station or an airport which can interfere with normal operation of the smart key.
 - You keep the smart key near a mobile two-way radio system or a cellular phone.
 - Another vehicle's smart key is being operated close to your vehicle.

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

CAUTION

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



D040500ABH

Battery replacement

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

* NOTICE

The circuit inside the smart key can have a problem if exposed to moisture or static electricity. If you are unsure how to use your smart key or replace the battery, contact an authorized HYUNDAI dealer.

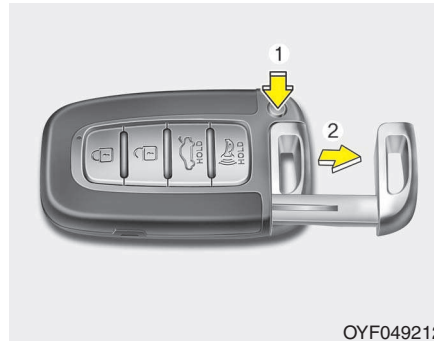
1. Pry open the rear cover of the smart key.
2. Replace the battery with a new battery (CR2032). When replacing the battery, make sure the battery positive “+” symbol faces up as indicated in the illustration.
3. Install the battery in the reverse order of removal.

*** NOTICE**

- Using the wrong battery can cause the smart key to malfunction. Be sure to use the correct battery.
- Circuits inside the smart key may develop problems when dropped, exposed to moisture or static electricity.
- If you suspect that your smart key might have sustained some damage, or you feel your smart key is not working correctly, contact an authorized HYUNDAI dealer.

⚠ CAUTION

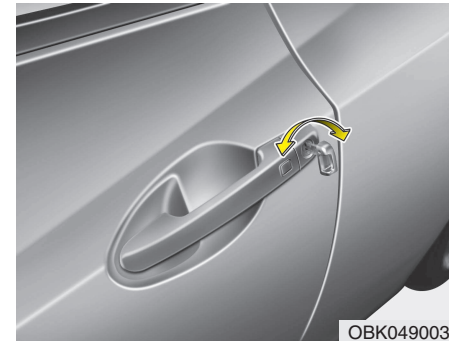
An inappropriately disposed battery can be harmful to the environment and human health. Dispose the battery according to your local law(s) or regulation.



Door lock/unlock in an emergency situation

If the smart key does not operate normally, you can lock or unlock the doors by using the mechanical key.

1. Depress and hold the release button (1) and remove the mechanical key (2).



2. Turn the key toward the rear of the vehicle to unlock and toward the front of the vehicle to lock.

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

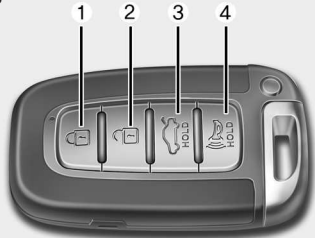
REMOTE KEYLESS ENTRY (IF EQUIPPED)

Type A



OBK049114N

Type B



OYF049213

Remote keyless entry system operations

D020101ABK-EE

Lock (1)

All doors are locked if the lock button is pressed.

If all doors are closed, the hazard warning lights blink once to indicate that all doors are locked.

However, if any door remains open, the hazard warning lights will not operate. If all doors (and trunk) are closed after the lock button is pressed, the hazard warning lights blink.

D020102ABK-EE

Unlock (2)

All doors are unlocked if the unlock button is pressed.

The hazard warning lights will blink twice to indicate that all doors are unlocked.

After depressing this button, the doors will be locked automatically unless you open any door within 30 seconds.

D020104ABK-EE

Trunk unlock (3)

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

Once the trunk is opened and then closed with all doors locked, the trunk will be locked automatically.

D020105AEN

Panic (4) (if equipped)

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

D020200AEN

Transmitter precautions

* NOTICE

The transmitter will not work if any of following occur:

- The ignition key is in the ignition switch.
- You exceed the operating distance limit (about 30 m [90 feet]).
- The battery in the transmitter is weak.
- Other vehicles or objects may be blocking the signal.
- The weather is extremely cold.
- The transmitter is close to a radio transmitter such as a radio 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.

CAUTION

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

CAUTION

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



ONF048120

D020300ABK

Battery replacement

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

1. Insert a slim tool into the slot and gently pry open the transmitter center cover.



2. Replace the battery with a new battery (CR2032). When replacing the battery, make sure the battery positive “+” symbol faces up.
3. Install the battery in the reverse order of removal.

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

CAUTION

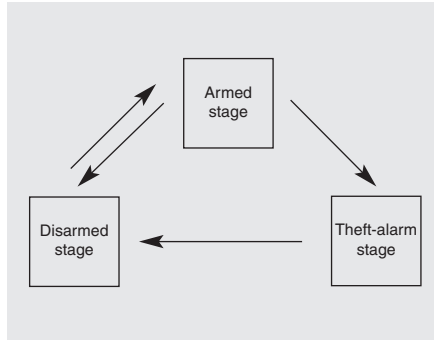
- *The keyless entry system transmitter is designed to give you years of trouble-free use, however it can malfunction if exposed to moisture or static electricity. If you are unsure how to use your transmitter or replace the battery, contact an authorized HYUNDAI dealer.*
- *Using the wrong battery can cause the transmitter to malfunction. Be sure to use the correct battery.*
- *To avoid damaging the transmitter, don't drop it, get it wet, or expose it to heat or sunlight.*

CAUTION

An inappropriately disposed battery can be harmful to the environment and human health.

Dispose the battery according to your local law(s) or regulation.

THEFT-ALARM SYSTEM (IF EQUIPPED)



D030000APB

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 "Theft-alarm" stage, and the third is the "Disarmed" stage. If triggered, the system provides an audible alarm with the hazard warning light blinking.

D030100ABK

Armed stage

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

1. Remove the ignition key from the ignition switch (or turn off the engine).
2. Make sure that all doors, the engine hood and trunk lid are closed and latched.
3. Lock the doors by depressing the door lock button on the transmitter (or smart key).

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

If any door, trunk lid or engine hood remains open, the hazard warning lights won't operate and theft-alarm will not arm. After this, if all doors, trunk lid and engine hood are closed, the hazard warning lights blink once.

- Lock the doors by pressing the button in the front outside door handles with the smart key in your possession.

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

If any door, trunk lid or engine hood remains open, the hazard warning lights won't operate and theft-alarm will not arm. To arm the system, close all the doors, trunk lid and engine hood, and try again to lock the doors.

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

D030200ABH-EE

Theft-alarm stage

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

- A door is opened without using the transmitter (or smart key).
- The trunk is opened without using the transmitter (or smart key).

*** NOTICE**

If the trunk is opened by using the transmitter (or smart key), the alarm will not be activated, but doors, hood, and ignition switch keep arming condition.

Once the trunk is opened and then closed, the trunk will be locked and armed automatically.

- The engine hood is opened.

The horn will sound and the hazard warning lights will blink continuously for approximately 30 seconds. To turn off the system, unlock the doors with the transmitter (or smart key).

D030400ABK-EE

Disarmed stage

The system will be disarmed when the doors are unlocked with the transmitter (or smart key).

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

After depressing the unlock button, if any door is not opened within 30 seconds, the system will be rearmed.

*** NOTICE**

- Avoid trying to start the engine while the alarm is activated. The vehicle starter motor is disabled during the theft-alarm stage.

If the system is not disarmed with the transmitter, insert the key into the ignition switch, turn the ignition switch to the ON position and wait for 30 seconds. Then the system will be disarmed. (Except China)

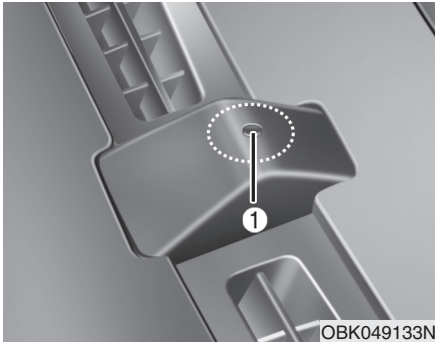
- If you lose your keys, consult your authorized HYUNDAI dealer.



CAUTION

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

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

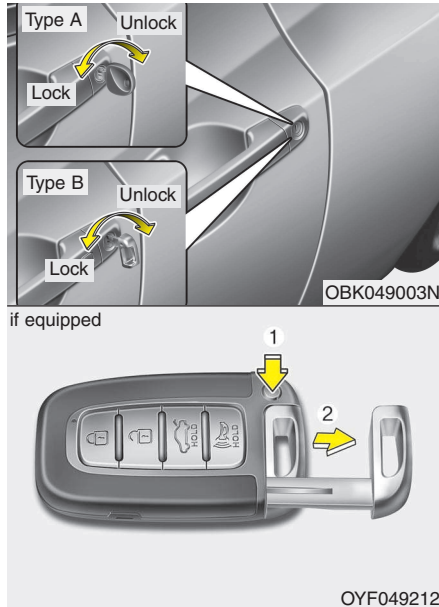


Security indicator (if equipped)

When you arm the system, the security indicator (1) turns on for about 30 seconds. After then, the security indicator blinks continuously.

When you disarm the system and turn the ignition switch to the ACC or ON position, the security indicator turns off.

DOOR LOCKS



D050100ABK

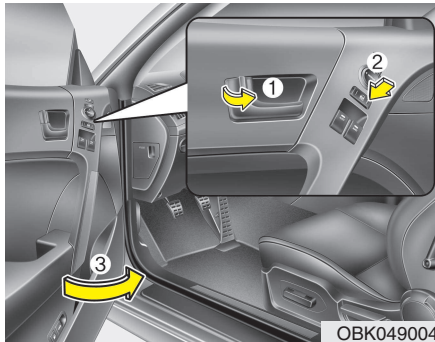
Operating door locks from outside the vehicle

- Turn the key toward the rear of the vehicle to unlock and toward the front of the vehicle to lock.
- If you lock/unlock any door with a key, all vehicle doors will lock/unlock automatically.

- Doors can also be locked and unlocked with the transmitter (or smart key). (if equipped)
- If the smart key does not operate normally, you can lock or unlock the door by using the mechanical key. Depress and hold the release button(1) and remove the mechanical key(2).
- Once the doors are unlocked, they may be opened by pulling the door handle.
- When closing the door, push the door by hand. Make sure that doors are closed securely.

* NOTICE

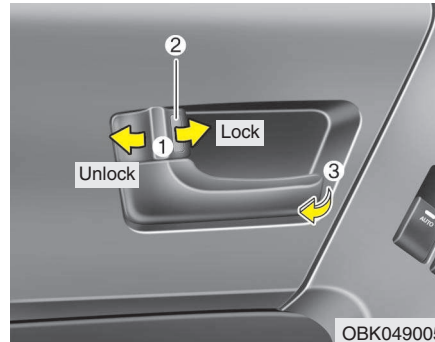
- In cold and wet climates, door locks and door mechanisms may not work properly due to freezing conditions.
- If the door is locked/unlocked multiple times in rapid succession with either the vehicle key or door lock switch, the system may stop operating temporarily in order to protect the circuit and prevent damage to system components.
- If you open the door when the window is closed completely, the window will go down slightly. If you close the door when the window is closed completely, the window will go up slightly. It is to reduce the airflow noise and prevent water leakage by closing the door completely. Mechanical noise may be heard when you close and open the door, but this condition is normal.



- To lock a door without the key, push the inside door lock button (1) or central door lock switch (2) to the “Lock” position and close the door (3).
- If you lock the door with the central door lock switch (2), all vehicle doors will lock automatically.

*** NOTICE**

Always remove the ignition key, engage the parking brake, close all windows and lock all doors when leaving your vehicle unattended.



Operating door locks from inside the vehicle

D050201ABK-EE

With the door lock button

- To unlock a door, push the door lock button (1) to the “Unlock” position. The red mark (2) on the door lock button will be visible.
- To lock a door, push the door lock button (1) to the “Lock” position. If the door is locked properly, the red mark (2) on the door lock button will not be visible.
- To open a door, pull the door handle (3) outward.

- If the inner door handle of the driver’s (or front passenger’s) door is pulled when the door lock button is in lock position, the button is unlocked and the door opens. (if equipped)
- Doors cannot be locked if the ignition key is in the ignition switch (or smart key is in the vehicle) and any door is open.

⚠ WARNING - Door lock malfunction

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

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



D050202ABK

With central door lock switch

Operate by depressing the central door lock switch.

- When pushing down on the right portion (1) of the switch, all vehicle doors will lock.
- When pushing down on the left portion (2) of the switch, all vehicle doors will unlock.
- If the key is in the ignition switch (or smart key is in the vehicle) and any door is open, the doors will not lock when the right portion (1) of central door lock switch is pressed.

⚠ WARNING - Doors

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

⚠ WARNING - Unlocked vehicles

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

⚠ WARNING - Unattended children

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

D050300ABH

Impact sensing door unlock system

All doors will be automatically unlocked after an impact causes the air bags to deploy.

Speed sensing door lock system (if equipped)

Type A

All doors will be automatically locked after the vehicle speed exceeds 40 km/h.

Type B

All doors will be automatically locked after the vehicle speed exceeds 15 km/h.

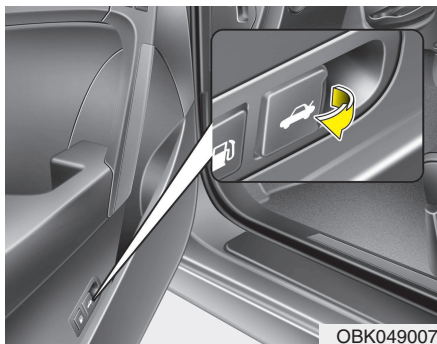
And all doors will be automatically unlocked when you turn the engine off or when you remove the ignition key. (if equipped)

D050400ABK

*** NOTICE**

An authorized HYUNDAI dealer can change the speed of the speed sensing door lock system from 40km/h to 20km/h or disable the system.

TRUNK



D070100ABK-EE

Opening the trunk

- To open the trunk, press the trunk unlock button on the transmitter for more than 1 second (or smart key).
- To open the trunk from inside the vehicle, pull the trunk lid release lever.
- If the trunk is unlocked, it can be opened by pulling the handle up.
- Once the trunk is opened and then closed, the trunk is locked automatically.

* NOTICE

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

⚠ WARNING

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

⚠ CAUTION

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

D070200ABH

Closing the trunk

To close the trunk, lower and push down the trunk lid until it locks. To be sure the trunk lid is securely fastened, always check by trying to pull it up again.

⚠ WARNING

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



OBK049008

D070300ABK

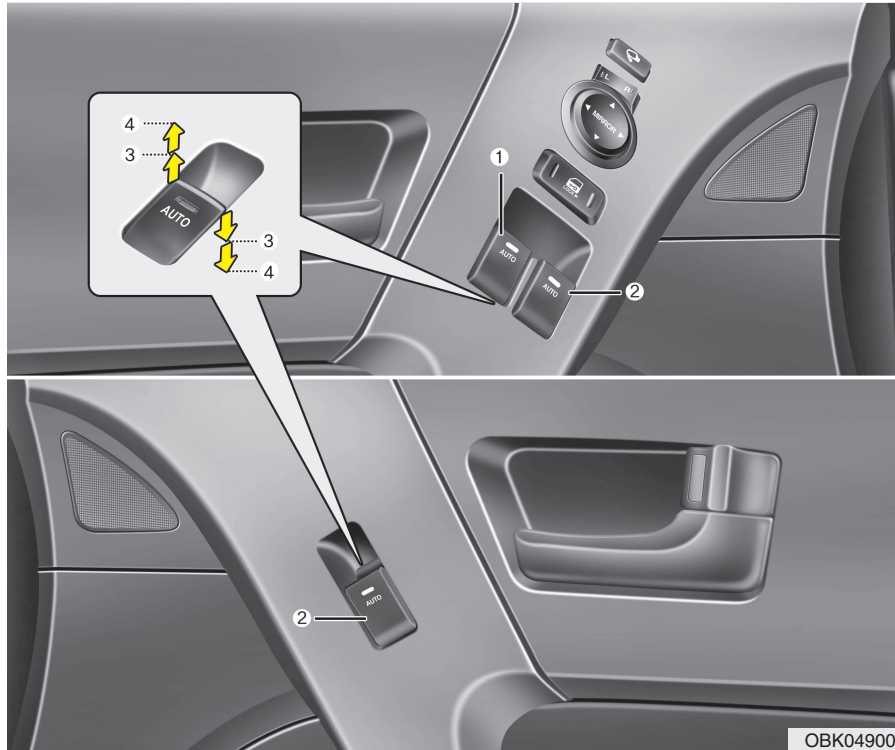
Emergency trunk safety release

Your vehicle is equipped with an emergency trunk safety release lever located inside the trunk. If someone is inadvertently locked in the trunk, moving the lever in the direction of the arrow will release the trunk latch mechanism and open the trunk.

⚠ WARNING

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

WINDOWS



D080000ABK

- (1) Driver's door power window switch
- (2) Front passenger's door power window switch
- (3) Window opening and closing
- (4) Automatic power window up/down

* NOTICE

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

D080100ABK

Power windows

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

Each door has a power window switch that controls the door's window. The power windows can be operated for approximately 30 seconds after the ignition key is removed or turned to the ACC or LOCK position. However, if the front doors are opened, the power windows cannot be operated within the 30 second period after ignition key removal, or turned to the ACC or LOCK position.

*** NOTICE**

While driving with the sunroof in an open (or partially open) position, your vehicle may demonstrate a wind buffeting or pulsation noise. This noise is a normal occurrence and can be reduced or eliminated by slightly reducing the size of the sunroof opening.



OBK049138N

D080101AUN

Window opening and closing

The driver's door has a master power window switch that controls all the windows in the vehicle.

To open or close a window, press down or pull up the front portion of the corresponding switch to the first detent position (3).

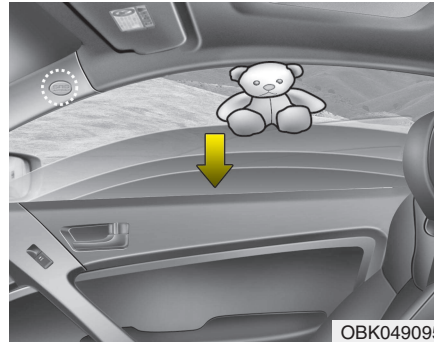
D080103AUN

Auto up/down window

Depressing or pulling up the power window switch momentarily to the second detent position (4) completely lowers or lifts the window even when the switch is released. To stop the window at the desired position while the window is in operation, pull up or depress and release the switch to the opposite direction of the movement.

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

1. Turn the ignition switch to the ON position.
2. Open the window fully by manual down (press the front portion of the switch to the first detent position.).
3. Turn the ignition switch to the OFF position and to the ON position again within 2 seconds.
4. Press the front portion of the switch 3 times within 5 seconds.
5. Close the window and continue pulling up on the power window switch for at least 1 second after the window is completely closed.



Automatic reversal

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

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

* NOTICE

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

WARNING

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

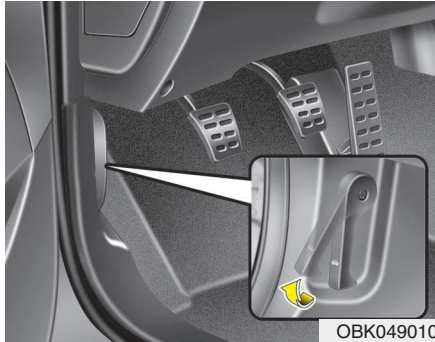
 **CAUTION**

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

 **WARNING - Windows**

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

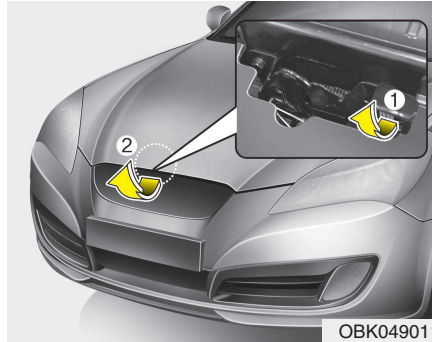
HOOD



D090100AEN

Opening the hood

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



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

D090200AEN

Closing the hood

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

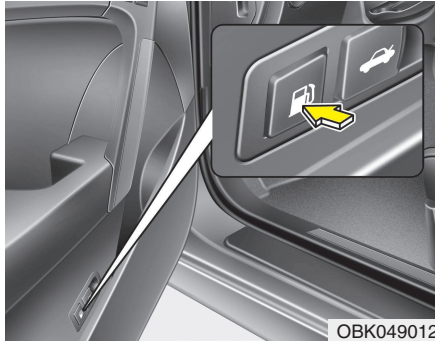
⚠ WARNING

- Before closing the hood, ensure that all obstructions are removed from the hood opening. Closing the hood with an obstruction present in the hood opening may result in property damage or severe personal injury.
- Do not leave gloves, rags or any other combustible material in the engine compartment. Doing so may cause a heat-induced fire.

⚠ WARNING

- Always double check to be sure that the hood is firmly latched before driving away. If it is not latched, the hood could open while the vehicle is being driven, causing a total loss of visibility, which might result in an accident.
- Do not move the vehicle with the hood in the raised position, as vision is obstructed and the hood could fall or be damaged.

FUEL FILLER LID



OBK049012

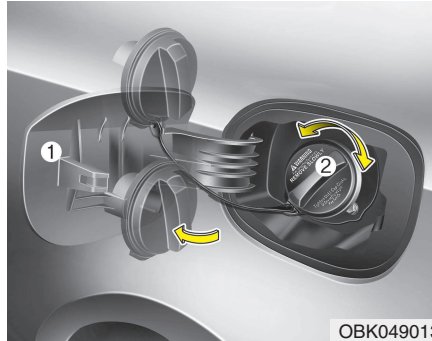
D100100ABK

Opening the fuel filler lid

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

* NOTICE

If the fuel filler lid does 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.



OBK049013

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

D100200AUN

Closing the fuel filler lid

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

D100300AEN

⚠ WARNING - Refueling

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

⚠ WARNING - Refueling dangers

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

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

(Continued)

(Continued)

- Do not get back into a vehicle once you have begun refueling since you can generate static electricity by touching, rubbing or sliding against any item or fabric (polyester, satin, nylon, etc.) capable of producing static electricity. Static electricity discharge can ignite fuel vapors resulting in rapid burning. If you must re-enter the vehicle, you should once again eliminate potentially dangerous static electricity discharge by touching a metal part of the vehicle, away from the fuel filler neck, nozzle or other gasoline source.
- When using an approved portable fuel container, be sure to place the container on the ground prior to refueling. Static electricity discharge from the container can ignite fuel vapors causing a fire. Once refueling has begun, contact with the vehicle should be maintained until the filling is complete.

(Continued)

(Continued)

Use only approved portable plastic fuel containers designed to carry and store gasoline.

- Do not use cellular phones while refueling. Electric current and/or electronic interference from cellular phones can potentially ignite fuel vapors causing a fire.
- When refueling, always shut the engine off. Sparks produced by electrical components related to the engine can ignite fuel vapors causing a fire. Once refueling is complete, check to make sure the filler cap and filler door are securely closed, before starting the engine.
- DO NOT use matches or a lighter and DO NOT SMOKE or leave a lit cigarette in your vehicle while at a gas station especially during refueling. Automotive fuel is highly flammable and can, when ignited, result in fire.

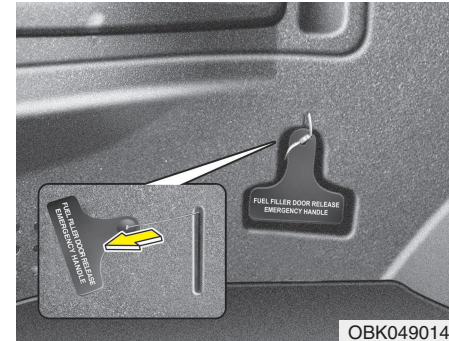
(Continued)

(Continued)

- If a fire breaks out during refueling, leave the vicinity of the vehicle, and immediately contact the manager of the gas station and then contact the local fire department. Follow any safety instructions they provide.

⚠ CAUTION

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



D100500ABH

Emergency fuel filler lid release

If the fuel filler lid does not open using the remote fuel filler lid release, you can open it manually by pulling the handle outward slightly.

⚠ CAUTION

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

SUNROOF (IF EQUIPPED)



D110000AEN

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

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

* NOTICE

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

⚠ CAUTION

Do not continue to move the sunroof control lever after the sunroof is in the fully open, closed, or tilt position(s). Damage to the motor or system components could occur.

* NOTICE

The sunroof cannot slide when it is in the tilt position nor can it be tilted while in an open or slide position.

⚠ WARNING

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



OBK049016

D110100AEN

Sliding the sunroof

To open or close the sunroof (manual slide feature), pull or push the sunroof control lever backward or forward to the first detent position.

Pulling the control lever downward also closes the sunroof.

To open or close the sunroof completely even when the lever is released (auto slide feature), pull or push the sunroof control lever backward or forward to the second detent position. The sunroof will slide all the way open or closed. To stop the sunroof sliding at any point, pull or push the sunroof control lever momentarily in the opposite direction of sunroof movement.



OBK049018

D110101AEN

Automatic reversal

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

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



OBK049017

D110200ABH

Tilting the sunroof

To open or close the sunroof, push or pull the sunroof control lever upward or downward until the sunroof moves to the desired position.

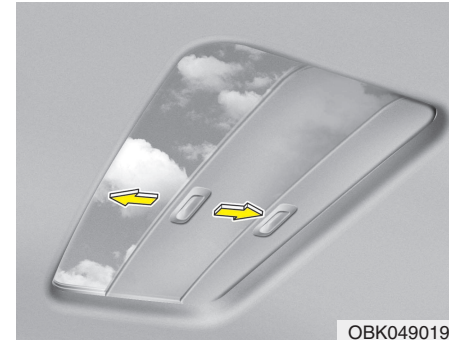
Pushing the control lever forward also closes the sunroof.

⚠ WARNING - Sunroof

- Be careful that someone's head, hands and body are not stucked by a closing sunroof.
- Do not extend the face, neck, arms or body outside the sunroof while driving.
- Make sure your hands and face are safely out of the way before closing a sunroof.

⚠ CAUTION

- *Periodically remove any dirt that may accumulate on the guide rail.*
- *If you try to open the sunroof when the temperature is below freezing or when the sunroof is covered with snow or ice, the glass or the motor could be damaged.*
- *While using sunroof for a long time, a dust between sunroof and roof panel can make a noise. Open the sunroof and remove regularly the dust using clean cloth.*



D110300ABH

Sunshade

The sunshade will automatically open with the glass panel when the glass panel moves. Close it manually if you want it closed.

⚠ CAUTION

The sunroof is made to slide together with the sunshade. Do not leave the sunshade closed while the sunroof is open.

D110500ABK

Resetting the sunroof

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

1. Turn the ignition switch to the ON position.
2. Close the sunroof completely.
3. Release the sunroof control lever.
4. Release the control button.
5. Pull and hold the sunroof control lever downward until the sunroof is operated as follows;

TILT DOWN → SLIDE OPEN → SLIDE CLOSE

Then, release the lever.

When this is complete, the sunroof system is reset.

CAUTION

If the sunroof is not reset when the vehicle battery is disconnected or discharged, or corresponding fuse is blown, the sunroof may operate improperly.

STEERING WHEEL

D130100ABH

Power steering

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

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

CAUTION

Never hold the steering wheel against a stop (extreme right or left turn) for more than 5 seconds with the engine running. Holding the steering wheel for more than 5 seconds in either position may cause damage to the power steering pump.

* NOTICE

If the power steering drive belt breaks or if the power steering pump malfunctions, the steering effort will greatly increase.

* NOTICE

If the vehicle is parked for extended periods outside in cold weather (below -10°C/14°F), the power steering may require increased effort when the engine is first started. This is caused by increased fluid viscosity due to the cold weather and does not indicate a malfunction.

When this happens, increase the engine RPM by depressing accelerator until the RPM reaches 1,500 rpm then release or let the engine idle for two or three minutes to warm up the fluid.

D130300AEN

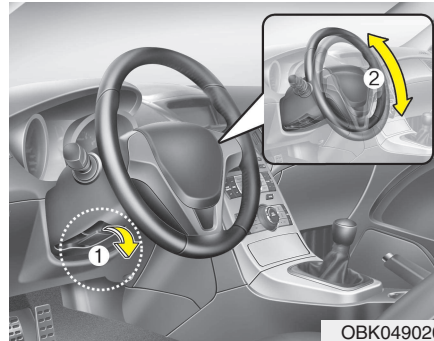
Tilt steering

Tilt steering allows you to adjust the steering wheel before you drive. You can also raise it to give your legs more room when you exit and enter the vehicle.

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

⚠ WARNING

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



OBK049020

D130301ABK

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



OBK049021

D130500AUN

Horn

To sound the horn, press the horn symbol on your steering wheel. Check the horn regularly to be sure it operates properly.

* NOTICE

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

⚠ CAUTION

Do not strike the horn severely to operate it, or hit it with your fist. Do not press on the horn with a sharp-pointed object.

MIRRORS

D140100AUN

Inside rearview mirror

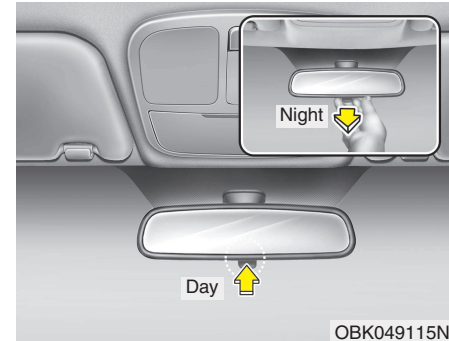
Adjust the rearview mirror to center on the view through the rear window. Make this adjustment before you start driving.

⚠ WARNING - Rear visibility

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

⚠ WARNING

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



D140101AUN

Day/night rearview mirror

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

Pull the day/night lever toward you to reduce glare from the headlights of the vehicles behind you during night driving. *Remember that you lose some rearview clarity in the night position.*

D140102AUN

Electric chromic mirror (ECM) (if equipped)

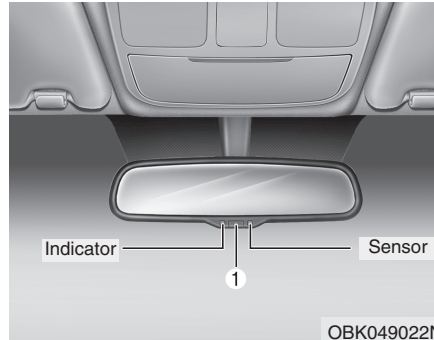
The electric chromic mirror automatically controls the glare from the headlights of the car behind you in nighttime or low light driving conditions. The sensor mounted in the mirror senses the light level around the vehicle, and automatically controls the headlight glare from vehicles behind you.

When the engine is running, the glare is automatically controlled by the sensor mounted in the rearview mirror.

Whenever the shift lever is shifted into R (Reverse), the mirror will automatically go to the brightest setting in order to improve the drivers view behind the vehicle.

CAUTION

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



To operate the electric rearview mirror:

- Press the ON/OFF button (1) to turn the automatic dimming function on. The mirror indicator light will illuminate. Press the ON/OFF button to turn the automatic dimming function off. The mirror indicator light will turn off.
- The mirror defaults to the ON position whenever the ignition switch is turned on.

D140200AUN

Outside rearview mirror

Be sure to adjust mirror angles before driving.

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

WARNING - Rearview mirrors

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

⚠ CAUTION

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

⚠ CAUTION

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

⚠ WARNING

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



D140201AEN

Remote control

The electric remote control mirror switch allows you to adjust the position of the left and right outside rearview mirrors. To adjust the position of either mirror, push the lever (1) to R or L to select the right side mirror or the left side mirror, then press a corresponding point on the mirror adjustment control to position the selected mirror up, down, left or right.

After the adjustment, put the lever in neutral position to prevent inadvertent adjustment.

⚠ CAUTION

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



D140202ABH

Folding the outside rearview mirror

To fold the outside rearview mirror, press the button.

To unfold it, press the button again.

The ignition switch must be in the ON position for the electric outside rearview mirrors to fold.

CAUTION

In case of the electric type of outside rearview mirror, don't fold it by hand. It could cause the failure of the motor.

The electric folding outside rearview mirror can be operated for approximately 30 seconds after the ignition key is removed or turned to the LOCK position.

INSTRUMENT CLUSTER

Type A



1. Speedometer
 2. Engine temperature gauge
 3. Turn signal indicators
 4. Warning and indicator lights
 5. Odometer/Trip computer*
 6. Tachometer
 7. Fuel gauge
- * : if equipped

Type B



- * The actual cluster in the vehicle may differ from the illustration.
For more details refer to the "Gauges" in the next pages.

Type C



D150000AUN-EU

OBK040120L/OBK040121L/OBK040122L

Features of your vehicle

Type D



1. Speedometer
 2. Engine temperature gauge
 3. Turn signal indicators
 4. Warning and indicator lights
 5. Odometer/Trip computer*
 6. Tachometer
 7. Fuel gauge
- * : if equipped

Type E

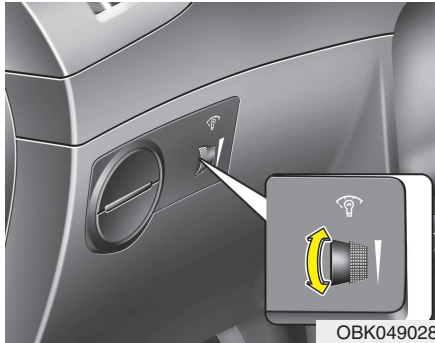


- * The actual cluster in the vehicle may differ from the illustration.
For more details refer to the "Gauges" in the next pages.

Type F



OBK040124L/OBK040125L/OBK040126L



OBK049028

D150100AUN

Instrument panel illumination

When the vehicle's parking lights or headlights are on, rotate the illumination control knob to adjust the instrument panel illumination intensity.

Type A



OBK049029

Type B



OBK049130L

Type C



OBK049129L

Type D



OBK049030

Type E



OBK049128L

Type F



OBK049127L

Gauges

D150201AUN

Features of your vehicle

Speedometer

The speedometer indicates the forward speed of the vehicle.

The speedometer is calibrated in miles per hour and/or kilometers per hour.



D150202AUN

Tachometer

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

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

When the door is open, or if the engine is not started within 1 minute, the tachometer pointer may move slightly in ON position with the engine OFF. This movement is normal and will not affect the accuracy of the tachometer once the engine is running.



CAUTION

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



OBK049032

D150203AUN

Engine temperature gauge

This gauge shows the temperature of the engine coolant when the ignition switch is ON.

Do not continue driving with an overheated engine. If your vehicle overheats, refer to “If the engine overheats” in section 6.

CAUTION

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

WARNING

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



OBK049033

D150204ABK

Fuel gauge

The fuel gauge indicates the approximate amount of fuel remaining in the fuel tank. The fuel tank capacity is given in section 8. The fuel gauge is supplemented by a low fuel warning light, which will illuminate when the fuel tank is nearly empty.

On inclines or curves, the fuel gauge pointer may fluctuate or the low fuel warning light may come on earlier than usual due to the movement of fuel in the tank.

⚠ WARNING - Fuel gauge
Running out of fuel can expose vehicle occupants to danger. You must stop and obtain additional fuel as soon as possible after the warning light comes on or when the gauge indicator comes close to the E level.

⚠ CAUTION
Avoid driving with a very low fuel level. If you run out of fuel, it could cause the engine to misfire and result in excessive loading of the catalytic converter.



D150205AEN
Odometer/Tripmeter (if equipped)
Odometer (km or mi.)

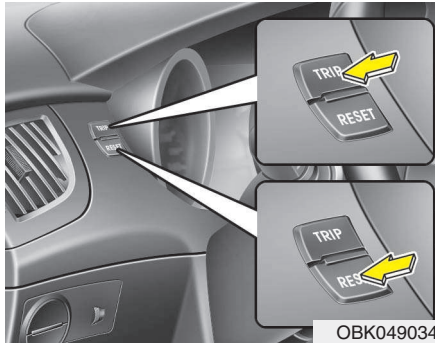
The odometer indicates the total distance the vehicle has been driven. You will also find the odometer useful to determine when periodic maintenance should be performed.

*** NOTICE**

It is forbidden to alter the odometer of all vehicles with the intent to change the mileage registered on the odometer. The alteration may void your warranty coverage.



Tripmeter (km or mi.)
TRIP A: Tripmeter A
TRIP B: Tripmeter B
The tripmeter indicates the distance of individual trips selected by the driver.



OBK049034

Tripmeter A or B can be selected by pressing the TRIP button for less than 1 second.

Tripmeter A or B can be reset to 0.0 by pressing the RESET button for 1 second or more, and then releasing.

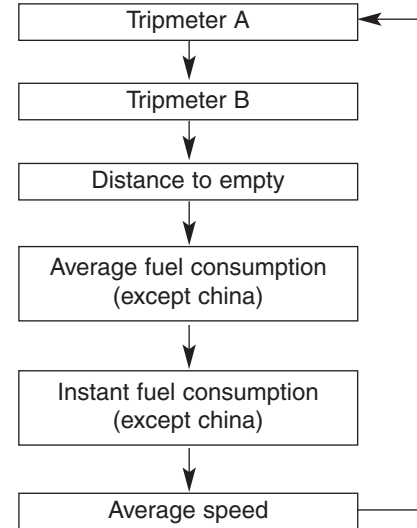
D150206ABH

Trip computer (if equipped)

The trip computer is a microcomputer-controlled driver information system that displays information related to driving, including odometer, tripmeter, average speed, average fuel consumption (if equipped), instant fuel consumption (if equipped) and distance to empty on the display when the ignition switch is in the ON position. All stored driving information (except odometer) is reset if the battery is disconnected.

The odometer is always displayed until the display is turned off.

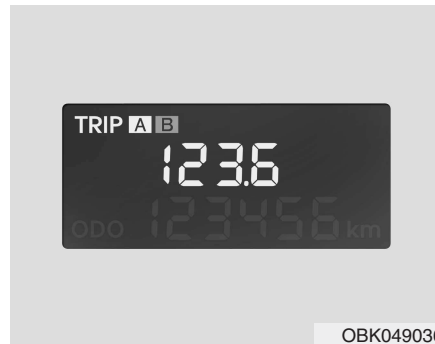
Push the TRIP button for less than 1 second to change the function as follow;





Odometer (km or mi.)

The odometer indicates the total distance the vehicle has been driven. You will also find the odometer useful to determine when periodic maintenance should be performed.



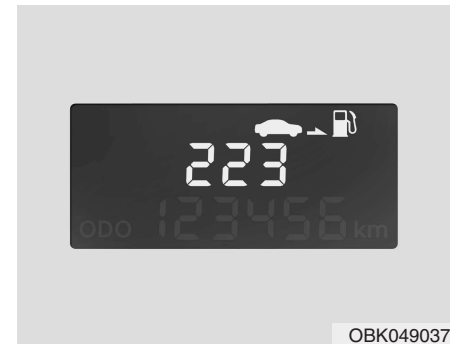
Tripmeter (km or mi.)

TRIP A : Tripmeter A
TRIP B : Tripmeter B

This mode indicates the distance of individual trips selected since the last tripmeter reset.

The meter's working range is from 0.0 to 999.9 km (0.0 to 999.9 miles).

Pressing the RESET button for more than 1 second, when the tripmeter (TRIP A or TRIP B) is being displayed, clears the tripmeter to zero (0.0).



Distance to empty (km or mi.)

This mode indicates the estimated distance to empty based on the current fuel in the fuel tank and the amount of fuel delivered to the engine. When the remaining distance is below 50 km (30 miles), "--" will be displayed and the distance to empty indicator will blink.

The meter's working range is from 50 to 990 km (30 to 990 miles).



Average fuel consumption (if equipped) (l/100 km or MPG) (except china)

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. For an accurate calculation, drive more than 50 m (0.03 miles).

Pressing the RESET button for more than 1 second, when the average fuel consumption is being displayed, clears the average fuel consumption to zero (---).

If the vehicle speed exceeds 1 km/h after refueled more than 6 l, the average fuel consumption will be cleared to zero (---).

* NOTICE

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



Instant fuel consumption (l/100 km or MPG) (except china)

This mode calculates the instant fuel consumption every 2 seconds from the driving distance and quantity of fuel injection.



Average speed (km/h or MPH)

This mode calculates the average speed of the vehicle since the last average speed reset.

Even if the vehicle is not in motion, the average speed keeps going while the engine is running.

Pressing the RESET button for more than 1 second, when the average speed is being displayed, clears the average speed to zero (---).

D150300AEN

Warnings and indicators

All warning lights are checked by turning the ignition switch ON (do not start the engine). Any light that does not illuminate should be checked by an authorized HYUNDAI dealer.


After starting the engine, check to make sure that all warning lights are off. If any are still on, this indicates a situation that needs attention. When releasing the parking brake, the brake system warning light should go off. The fuel warning light will stay on if the fuel level is low.

D150302ABH

Air bag warning light



This warning light will illuminate for approximately 6 seconds each time you turn the ignition switch to the ON position.

This light also comes on when the Supplemental Restraint System (SRS) is not working properly. If the SRS air bag warning light  does not come on, or continuously remains on after operating for about 6 seconds when you turned the ignition switch to the ON position or started the engine, or if it comes on while driving, have the SRS inspected by an authorized HYUNDAI dealer.

D150303AEN

Anti-lock brake system (ABS) warning light



This light illuminates if the ignition switch is turned ON and goes off in approximately 3 seconds if the system is operating normally.

If the ABS warning light remains on, comes on while driving, or does not come on when the ignition switch is turned to the ON position, this indicates that there may be a malfunction with the ABS.

If this occurs, have your vehicle checked by an authorized HYUNDAI dealer as soon as possible. The normal braking system will still be operational, but without the assistance of the anti-lock brake system.

Electronic brake force distribution (EBD) system warning light



If two warning lights illuminate at the same time while driving, your vehicle may have a malfunction with the ABS and EBD system.

In this case, your ABS and regular brake system may not work normally. Have the vehicle checked by an authorized HYUNDAI dealer as soon as possible.



⚠ WARNING
If the both ABS and brake warning lights are on and stay on, your vehicle's brake system will not work normally during sudden braking. In this case, avoid high speed driving and abrupt braking. Have your vehicle checked by an authorized HYUNDAI dealer as soon as possible.

*** NOTICE**

If the ABS warning light or EBD warning light is on and stays on, the speedometer or odometer/tripmeter may not work. In this case, have your vehicle checked by an authorized HYUNDAI dealer as soon as possible.

D150304ABK

Seat belt warning



Type A

As a reminder to the driver, the seat belt warning light will blink for approximately 6 seconds each time you turn the ignition switch ON regardless of belt fastening.

If the driver's seat belt is unfastened after the ignition switch is ON, the seat belt warning light blinks again for approximately 6 seconds.

If the driver's seat belt is not fastened when the ignition switch is turned ON or if it is unfastened after the ignition switch is ON, the seat belt warning chime will sound for approximately 6 seconds. At this time, if the seat belt is fastened, the chime will stop at once.

Type B

As a reminder to the driver, the seat belt warning lights will illuminate for approximately 6 seconds each time you turn the ignition switch ON regardless of belt fastening.

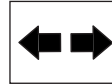
If the driver's seat belt is not fastened when the ignition switch is turned ON or if it is disconnected after the ignition switch is turned ON, the seat belt warning light will illuminate until the belt is fastened.

If you continue not to fasten the seat belt and you drive over 9km/h, the illuminated warning light will start to blink until you drive under 6km/h.

If you continue not to fasten the seat belt and you drive over 20km/h the seat belt warning chime will sound for approximately 100 seconds and the corresponding warning light will blink.

D150305AFD

Turn signal indicator



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

This indicator also blinks when the hazard warning switch is turned on.

D150306AUN

High beam indicator



This indicator illuminates when the headlights are on and in the high beam position or when the turn signal lever is pulled into the Flash-to-Pass position.

D150331ABH

Tail light indicator (if equipped)



This indicator illuminates when the tail lights are on.

D150307AEN

Engine oil pressure warning light



This warning light indicates the engine oil pressure is low.

If the warning light illuminates while driving:

1. Drive safely to the side of the road and stop.
2. With the engine off, check the engine oil level. If the level is low, add oil as required.

If the warning light remains on after adding oil or if oil is not available, call an authorized HYUNDAI dealer.



CAUTION

If the engine is not stopped immediately after the engine oil pressure warning light is illuminated, severe damage could result.

⚠ 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 an authorized HYUNDAI dealer before the car is driven again.

D150308AEN

Parking brake & brake fluid warning light

**Parking brake warning**

This light is illuminated when the parking brake is applied with the ignition switch in the START or ON position. The warning light should go off when the parking brake is released while the engine is running.

Low brake fluid level warning

If the warning light remains on, it may indicate that the brake fluid level in the reservoir is low.

If the warning light remains on:

1. Drive carefully to the nearest safe location and stop your vehicle.
2. With the engine stopped, check the brake fluid level immediately and add fluid as required. Then check all brake components for fluid leaks.
3. Do not drive the vehicle if leaks are found, the warning light remains on or the brakes do not operate properly. Have the vehicle towed to any authorized HYUNDAI dealer for a brake system inspection and necessary repairs.

Your vehicle is equipped with dual-diagonal braking systems. This means you still have braking on two wheels even if one of the dual systems should fail. With only one of the dual systems working, more than normal pedal travel and greater pedal pressure are required to stop the 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.

Features of your vehicle

To check bulb operation, check whether the parking brake and brake fluid warning light illuminates when the ignition switch is in the ON position.

WARNING

Driving the vehicle with a warning light on is dangerous. If the brake warning light remains on, have the brakes checked and repaired immediately by an authorized HYUNDAI dealer.

D150312ABH

***Shift pattern indicator
(if equipped)***



The indicator displays to show the automatic transmission shift lever selection.

D150309AUN

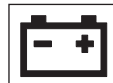
***Front fog light indicator
(if equipped)***



This light comes on when the front fog lights are ON.

D150313AEN

***Charging system warning
light***



This warning light indicates a malfunction of either the generator or electrical charging system.

If the warning light comes on while the vehicle is in motion:

1. Drive to the nearest safe location.
2. With the engine off, check the generator drive belt for looseness or breakage.
3. If the belt is adjusted properly, a problem exists somewhere in the electrical charging system. Have an authorized HYUNDAI dealer correct the problem as soon as possible.

D150315AHD

***Trunk lid open warning
light***



This warning light illuminates when the trunk lid is not closed securely with the ignition in any position.

D150316AUN

Door ajar warning light



This warning light illuminates when a door is not closed securely with the ignition in any position.

D150317ABH

***Immobilizer indicator
(if equipped)***



Without smart key system

This light illuminates when the immobilizer key is inserted and turned to the ON position to start the engine.

At this time, you can start the engine. The light goes out after the engine is running. If this light blinks when the ignition switch is in the ON position before starting the engine, have the system checked by an authorized HYUNDAI dealer.

With smart key system (if equipped)

If any of the following occurs in a vehicle equipped with the smart key, the immobilizer indicator illuminates, blinks or the light goes off.

- When the smart key is in the vehicle, if the engine start/stop button is turned to the ACC or ON position, the indicator will illuminate until the engine is started. However, when the smart key is not in the vehicle, if the engine start/stop button is depressed, the indicator will blink for a few minutes to indicate that you will not be able to start the engine.
- When the ignition switch is turned to the ON position and the indicator turns off after 2 seconds, the system may have a problem. Have the vehicle checked by an authorized HYUNDAI dealer.
- When the battery is weak, if the engine start/stop button is depressed, the indicator will blink and you will not be able to start the engine. However, you may still be able to start the engine by inserting the smart key in the smart key holder. If smart key system related parts have a problem, the indicator blinks.

D150318AUN

Low fuel level warning light



This warning light indicates the fuel tank is nearly 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.

D150319AUN

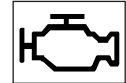
Low washer fluid level warning light



This warning light indicates the washer fluid reservoir is near empty. Refill the washer fluid as soon as possible.

D150320ABH-EE

Malfunction indicator light (MIL) (check engine light)



This indicator light is part of the Engine Control System which monitors various emission control system components. If this light illuminates while driving, it indicates that a potential malfunction has been detected somewhere in the emission control system.

This light will also illuminate when the ignition switch 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 switch is turned to the ON position, take your vehicle to your nearest authorized HYUNDAI dealer and have the system checked.

Generally, your vehicle will continue to be drivable, but have the system checked by an authorized HYUNDAI dealer promptly.

CAUTION

Prolonged driving with the Malfunction Indicator Light illuminated may cause damage to the emission control systems which could effect drivability and/or fuel economy.




CAUTION


If the Malfunction Indicator Light illuminates, 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.

D150323ABK-EE

ESP indicator (Electronic Stability Program)






The ESP indicator  will illuminate when the ignition switch is turned ON, but should go off after approximately 3 seconds. When the ESP is on, it monitors the driving conditions and under normal driving conditions, the ESP indicator  will remain off. When a slippery or low traction condition is encountered, the ESP will operate, and the ESP indicator  will blink to indicate the ESP is operating.

If ESP indicator  illuminates the ESP may have a malfunction. Take your car to an authorized HYUNDAI dealer and have the system checked.

D150324ABK-EE

ESP OFF indicator



The ESP OFF indicator  will illuminate when the ignition switch is turned ON, but should go off after approximately 3 seconds. To switch to ESP OFF mode, press the ESP OFF button . The ESP OFF indicator  will illuminate indicating the ESP is deactivated.

If you use the parking brake to stop the vehicle with the ESP system in the standby position when the brake is not work normally, the ESP system may be stop operation and ESP OFF indicator may be illuminated for about 5 minutes.

CAUTION

Do not use the parking brake to stop the vehicle except in an emergency situation.

D150325ABH

Cruise indicator (if equipped)

CRUISE indicator

CRUISE

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 “Cruise control system” in section 5.

Cruise SET indicator

SET

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.

D150327ABH

Key reminder warning chime (if equipped)

Without smart key system

If the driver’s door is opened while the ignition key is left in the ignition switch (ACC or LOCK position), the key reminder warning chime will sound. This is to prevent you from locking your keys in the vehicle. The chime sounds until the key is removed from the ignition switch, the ignition switch is turned to ON, or the driver’s door is closed.

With smart key system

If the driver’s door is opened while the smart key is in the vehicle with the engine start/stop button in ACC or the smart key is in the smart key holder with the engine start/stop button in OFF, the key reminder warning chime will sound.

The chime sounds until the smart key is removed from the smart key holder or the driver’s door is closed.

D150330AEN

Overspeed warning (if equipped)

**120
km/h**

Overspeed warning light

If you drive with the speed of 120 km/h or more, the overspeed warning light will blink. This is to prevent you from driving your vehicle with overspeed.

Overspeed warning chime

If you drive with the speed of 120 km/h or more, the overspeed warning chime will sound for about 5 seconds. This is to prevent you from driving your vehicle with overspeed.

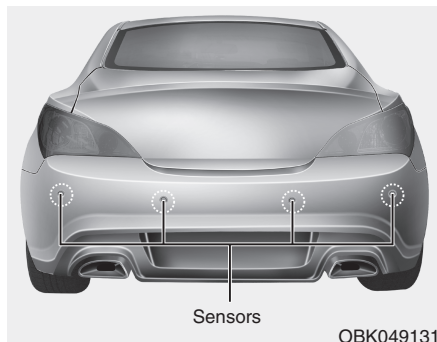
D150338BEN

KEY OUT indicator (if equipped)

**KEY
OUT**

When the ignition switch is in the ACC or ON position, if any door is open, the system checks for the smart key. If the smart key is not in the vehicle, the indicator will blink, and if all doors are closed, the chime will also sound for about 5 seconds. The indicator will turn off while the vehicle is moving. Keep the smart key in the vehicle.

REAR PARKING ASSIST SYSTEM (IF EQUIPPED)



D170000AEN

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

⚠ WARNING

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

Operation of the rear parking assist system

D170101AEN

Operating condition

- This system will activate when backing up with the ignition switch ON.
If the vehicle is moving at a speed over 5 km/h (3 mph), the system may not be activated correctly.
- The sensing distance while the rear parking assist system is in operation is approximately 120 cm (47 in.).
- When more than two objects are sensed at the same time, the closest one will be recognized first.

D170102AUN

Types of warning sound

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

D170200AEN

Non-operational conditions of rear parking assist system

The rear parking assist system may not operate properly when:

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

The detecting range may decrease when:

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

The following objects may not be recognized by the sensor:

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

D170300AEN

Rear parking assist system precautions

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

* NOTICE

This system can only sense objects within the range and location of the sensors; It can not detect objects in other areas where sensors are not installed. Also, small or slim objects, such as poles or objects located between sensors may not be detected by the sensors.

Always visually check behind the vehicle when backing up.

Be sure to inform any drivers of the vehicle that may be unfamiliar with the system regarding the systems capabilities and limitations.

WARNING

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

D170400ABK

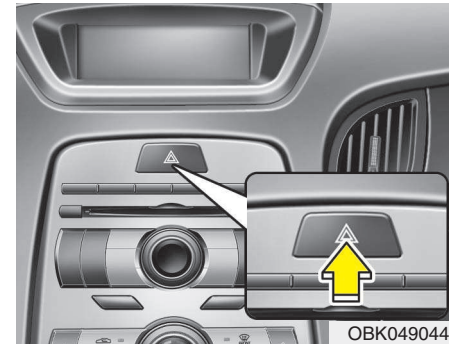
Self-diagnosis

If you don't hear an audible warning sound or if the buzzer sounds intermittently when shifting the gear to the R (Reverse) position, this may indicate a malfunction in the rear parking assist system. If this occurs, have your vehicle checked by an authorized HYUNDAI dealer as soon as possible.

WARNING

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

HAZARD WARNING FLASHER



D180000AUN

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

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

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

LIGHTING

D190100ABH

Battery saver function

- The purpose of this feature is to prevent the battery from being discharged. The system automatically turns off the parking lights when the driver removes the ignition key (or turns off the engine) and opens the driver-side door.
- With this feature, the parking lights will be turned off automatically if the driver parks on the side of road at night. If necessary, to keep the lights on when the ignition key is removed, (or turns off the engine) perform the following:
 - 1) Open the driver-side door.
 - 2) Turn the parking lights OFF and ON again using the light switch on the steering column.

Headlight escort function (if equipped)

If you turn the ignition switch to the ACC or OFF position with the headlights ON, the headlights (and/or tail lights) remain on for about 20 minutes. However, if the driver's door is opened and closed, the headlights are turned off after 30 seconds.

The headlights can be turned off by pressing the lock button on the transmitter (or smart key) twice or turning the light switch to the OFF or Auto position. However, if you turn the light switch to the Auto position when it is dark outside, the headlights will not be turned off.

CAUTION

If the driver gets out of the vehicle through other doors (except driver's door), the battery saver function does not operate and the headlight escort function does not turn off automatically. Therefore, it causes the battery to be discharged. In this case, make sure to turn off the lamp before getting out of the vehicle.

Headlight welcome function (if equipped)

When the headlight is ON or AUTO position and all doors (and trunk) are closed and locked, if you press the door unlock button on the transmitter (or the smart key), the parking light will come on for about 15 seconds. At this time, if you press the door lock or unlock button on the transmitter (or smart key), the parking light will turn off immediately.

Features of your vehicle



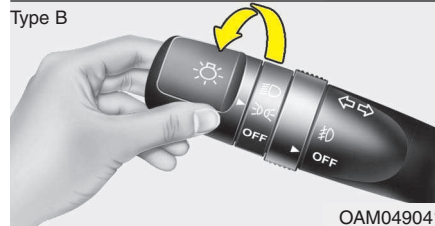
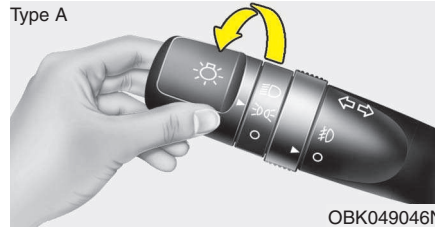
D190400AUN

Lighting control

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

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

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



D190401ABH

Parking light position ()

When the light switch is in the parking light position (1st position), the tail, license and instrument panel lights are ON and the tail light indicator is ON. (if equipped)



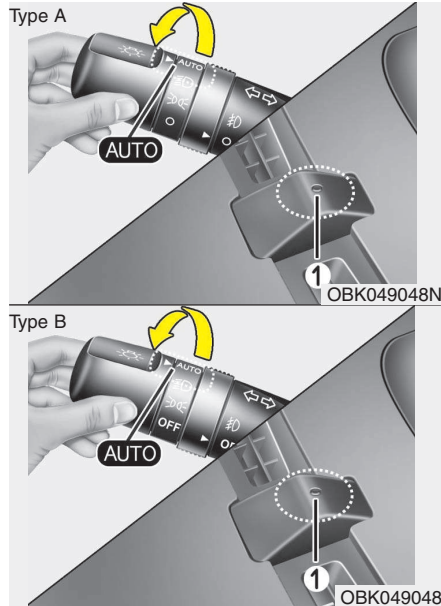
D190402AEN

Headlight position ()

When the light switch is in the headlight position (2nd position), the head, tail, license and instrument panel lights are ON.

* NOTICE

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



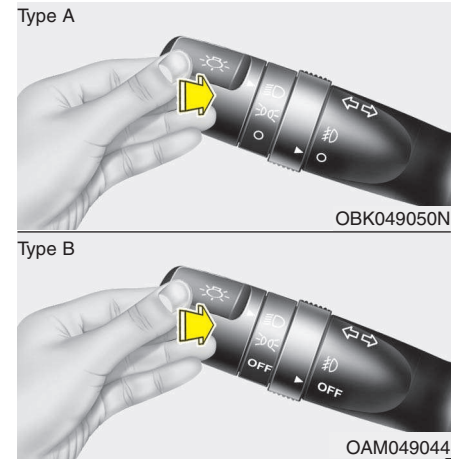
D190403AUN

Auto light position (if equipped)

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

CAUTION

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



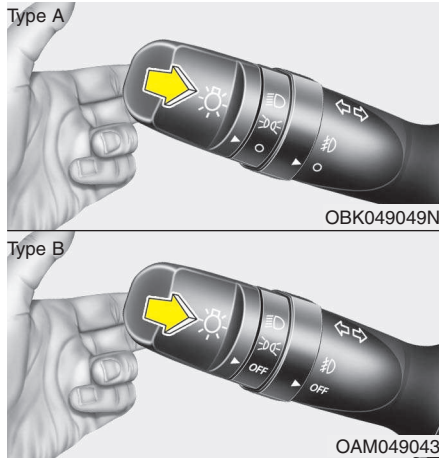
D190500AUN

High beam operation

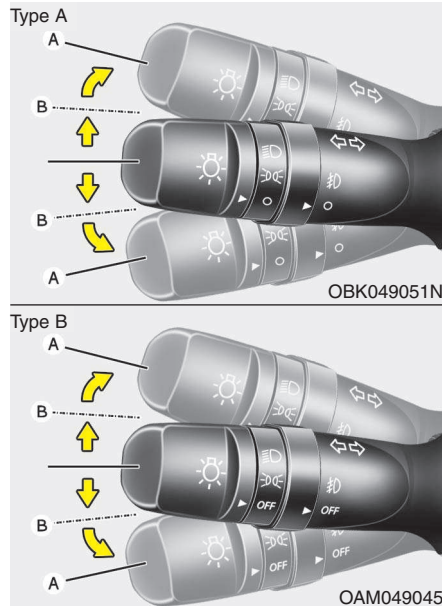
To turn on the high beam headlights, push the lever away from you. Pull it back for low beams.

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

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



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



D190600AUN

Turn signals and lane change signals

The ignition switch must be on for the turn signals to function. To turn on the turn signals, move the lever up or down (A). The green arrow indicators on the instrument panel indicate which turn signal is operating.

They will self-cancel after a turn is completed. If the indicator continues to flash after a turn, manually return the lever to the O position.

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

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

* NOTICE

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



D190700ABH

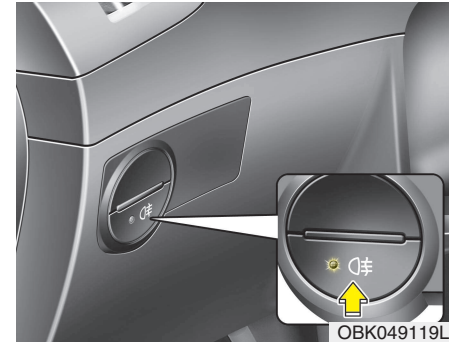
Front fog light (if equipped)

Fog lights are used to provide improved visibility and avoid accidents when visibility is poor due to fog, rain or snow etc. The fog lights will turn on when fog light switch (1) is turned to ON after the parking light is turned on.

To turn off the fog lights, turn the switch to OFF.

⚠ CAUTION

When in operation, the fog lights consume large amounts of vehicle electrical power. Only use the fog lights when visibility is poor.



D190800AHM

Rear fog light (if equipped)

To turn the rear fog lights on, turn the headlight switch to the headlight on position and press the rear fog light switch (light on switch will illuminate).

The rear fog lights turn on when the rear fog switch is pressed after the front fog switch is turned to the ON position and the headlight switch to the parklight position. (if equipped)

To turn the rear fog lights off, press the rear fog light switch again or turn the headlight switch to the OFF position.

* NOTICE

To turn on the rear fog light switch, the ignition switch must be in the ON position.

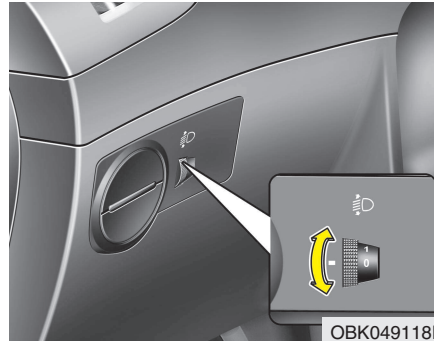
D190900AAM

Daytime running light (if equipped)

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

The DRL system will make the headlights turn OFF when:

1. The parklight switch is ON.
2. The engine is OFF.



Headlight leveling device (if equipped)

D191001ABK

Manual type

To adjust the headlight beam level according to the number of the passengers and the loading weight in the luggage area, turn the beam leveling switch. The higher the number of the switch position, the lower the headlight beam level. Always keep the headlight beam at the proper leveling position, or headlights may dazzle other road users.

Listed below are the examples of proper switch settings. For loading conditions other than those listed below, adjust the switch position so that the beam level may be the nearest as the condition obtained according to the list.

Loading condition	Switch position
Driver only	0
Driver + Front passenger	0
Full passengers	1
Full passengers + Maximum permissible loading	2
Driver + Maximum permissible loading	3

D191002AEN

Automatic type

It is automatically adjusted the headlight beam level according to the number of the passengers and the loading weight in the luggage area.

And it offers the proper headlight beam under the various conditions.

⚠ WARNING

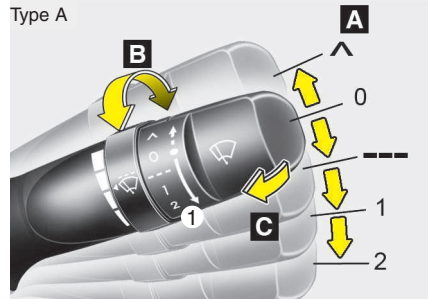
If it is not working properly even though your car is inclined backward according to passenger's posture, or the headlight beam is irradiated to the high or low position, have your vehicle inspected by an authorized HYUNDAI dealer.

Don't attempt to inspect or replace the wiring yourself to prevent malfunction.

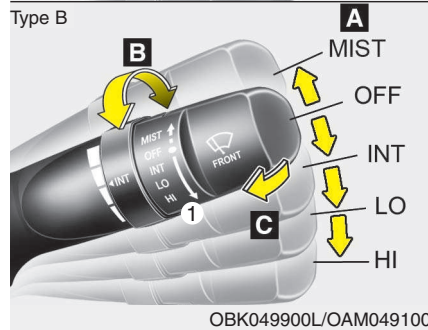
WIPERS AND WASHERS

Windshield wiper/washer

Type A



Type B



A : Wiper speed control

- ^ (MIST) – Single wipe
- 0 (OFF) – Off
- --- (INT) – Intermittent wipe
- 1 (LO) – Low wiper speed
- 2 (HI) – High wiper speed

B : Intermittent wipe time adjustment

C : Wash with brief wipes

D200100CEN

Windshield wipers

Operates as follows when the ignition switch is turned ON.

∧ (MIST) : For a single wiping cycle, push the lever upward and release it with the lever in the 0 (OFF) position. The wipers will operate continuously if the lever is pushed upward and held.

0 (OFF) : Wiper is not in operation

--- (INT) : Wiper operates intermittently at the same wiping intervals. Use this mode in a light rain or mist. To vary the speed setting, turn the speed control knob(1).

1 (LO) : Normal wiper speed

2 (HI) : Fast wiper speed

* NOTICE

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

CAUTION

When starting the vehicle in winter, set the wiper switch in the O position. Otherwise, wipers may operate and ice may damage the windshield wiper blades. Always remove all snow and ice and defrost the windshield properly prior to operating the windshield wipers.

D200200ABK

Windshield washers

In the O position, pull the lever gently toward you to spray washer fluid on the windshield and to run the wipers 1-3 cycles. Use this function when the windshield is dirty. The spray and wiper operation will continue until you release the lever. If the washer does not work, check the washer fluid level. If the fluid level is not sufficient, you will need to add appropriate non-abrasive windshield washer fluid to the washer reservoir.

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

CAUTION

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

WARNING

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

CAUTION

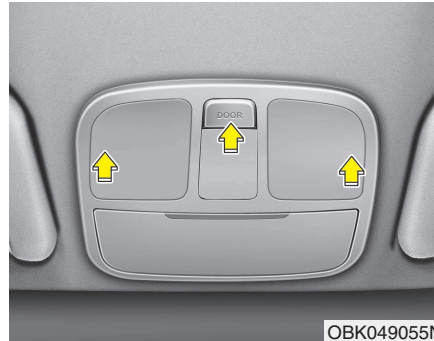
- *To prevent possible damage to the wipers or windshield, do not operate the wipers when the windshield is dry.*
- *To prevent damage to the wiper blades, do not use gasoline, kerosene, paint thinner, or other solvents on or near them.*
- *To prevent damage to the wiper arms and other components, do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

INTERIOR LIGHT

D210000AEN

CAUTION

*Do not use the interior lights for extended periods when the engine is not running.
It may cause battery discharge.*



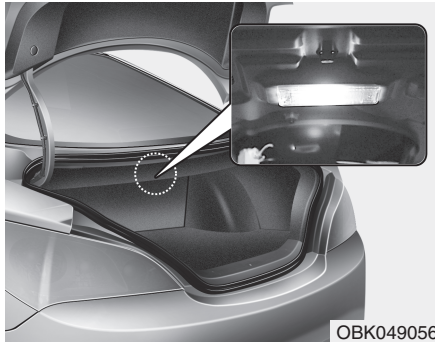
OBK049055N

D210100ABK

Map lamp

Push the lens to turn the map lamp on or off. This light produces a spot beam for convenient use as a map lamp at night or as a personal lamp for the driver and the front passenger.

- **DOOR** : The light comes on when any door (or trunk) is opened regardless of the ignition switch position. When doors are unlocked by the transmitter (or smart key), the light comes on for approximately 30 seconds as long as any door is not open. The light goes out gradually after approximately 30 seconds if the door is closed. However, if the ignition switch is ON or all doors are locked, the light will turn off immediately. If a door is opened with the ignition switch in the ACC or LOCK position, the light stays on for about 20 minutes. However, if a door is opened with the ignition switch in the ON position, the light stays on continuously.



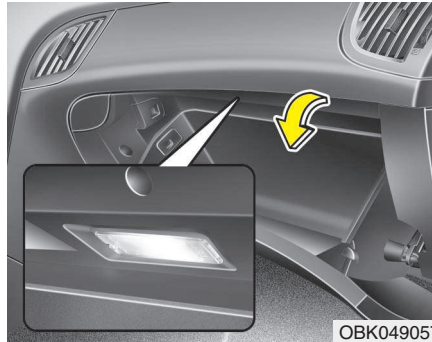
D210300ABH

Trunk room lamp

The trunk room lamp comes on when the trunk is opened.

CAUTION

The trunk room lamp comes on as long as the trunk lid opens. To prevent unnecessary charging system drain, close the trunk lid securely after using the trunk room.

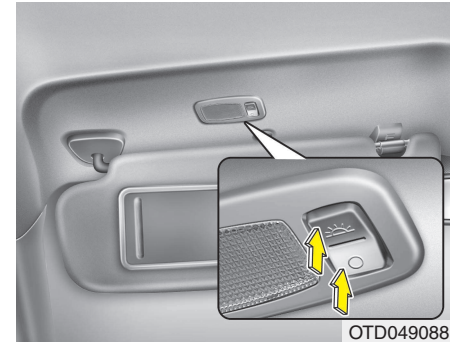


D210500AUN

Glove box lamp

The glove box lamp comes on when the glove box is opened.


The parking lights or headlights must be ON for the glove box lamp to function.



D210600ABK

Vanity mirror lamp

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

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

CAUTION

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

DEFROSTER

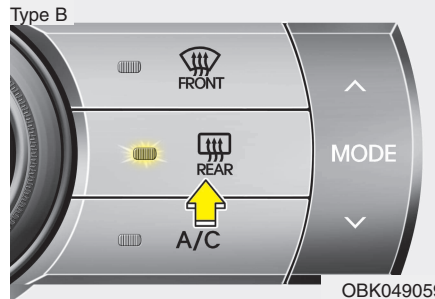
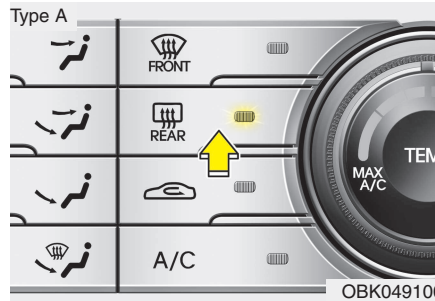
D220000AUN

CAUTION

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

* NOTICE

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



D220100AEN

Rear window defroster

The defroster heats the window to remove frost, fog and thin ice from the rear window, while the engine is running. To activate the rear window defroster, press the rear window defroster button located in the center facia switch panel.

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

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

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

D220101AEN

Outside rearview mirror defroster (if equipped)

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

D220200AEN

Front windshield deicer (if equipped)

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



MANUAL CLIMATE CONTROL SYSTEM (IF EQUIPPED)

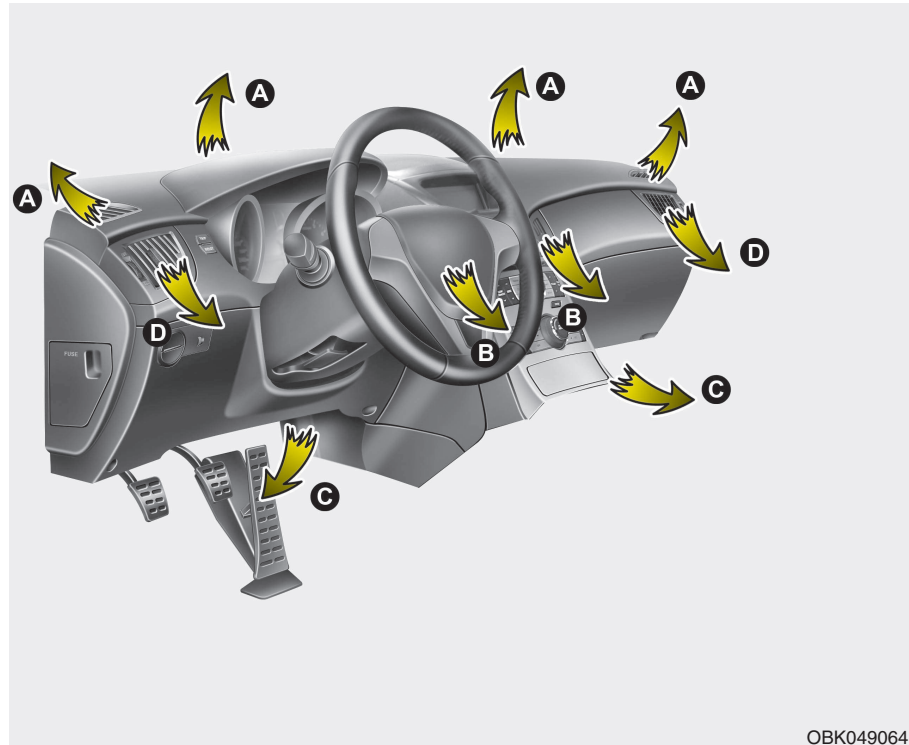


1. Fan speed control knob
2. Mode selection button
3. Front windshield defrost button
4. Rear window defroster button
5. Air intake control button
6. Air conditioning button (if equipped)
7. Temperature control knob

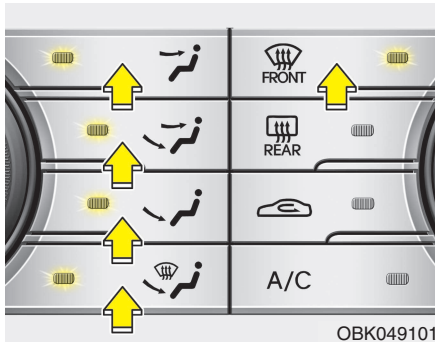
D230100AEN

Heating and air conditioning

1. Start the engine.
2. Set the mode to the desired position.
For improving the effectiveness of heating and cooling;
 - Heating: 
 - Cooling: 
3. Set the temperature control to the desired position.
4. Set the air intake control to the outside (fresh) air position.
5. Set the fan speed control to the desired speed.
6. If air conditioning is desired, turn the air conditioning system (if equipped) on.



Features of your vehicle



D230101ABK

Mode selection

You can control the direction of the air flow through the ventilation system by pushing the button.

Air can be directed to the floor, dashboard outlets, or windshield. Five symbols are used to represent Face, Bi-Level, Floor, Floor-Defrost and Defrost air position.



Face-Level (B, D)

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



Bi-Level (B, D, C)

Air flow is directed towards the face and the floor.



Floor-Level (C, A, D)

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



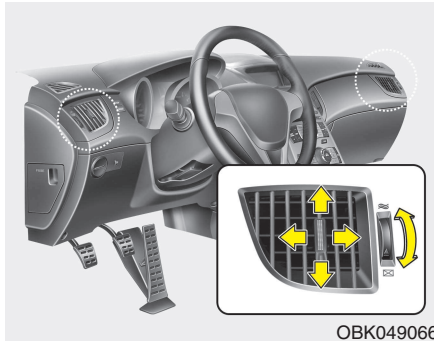
Floor/Defrost-Level (A, C, D)

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



Defrost-Level (A, D)

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

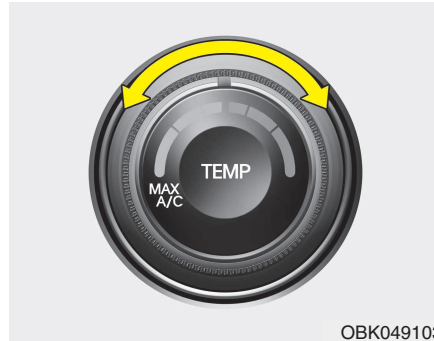


OBK049066

Instrument panel vents

The outlet vents can be opened or closed separately using the horizontal thumbwheel. To close the vent, rotate it down to the maximum position. To open the vent, rotate it up to the desired position.

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



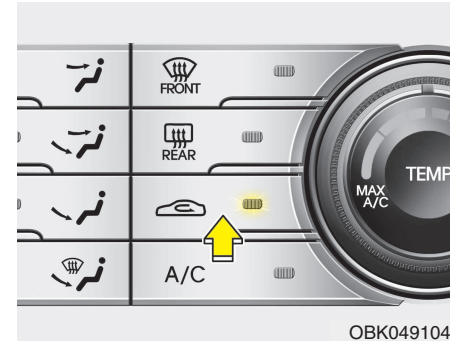
OBK049103

D230102ABK

Temperature control

The temperature control knob allows you to control the temperature of the air flowing from the ventilation system. To change the air temperature in the passenger compartment, turn the knob to the right for warm air or left for cooler air. To select MAX A/C, turn the temperature control knob to the left extremely.

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



OBK049104

D230103AEN

Air intake control

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

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

Recirculated air position



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

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

Outside (fresh) air position



The indicator light on the button is not illuminated when the outside (fresh) air position is selected.

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

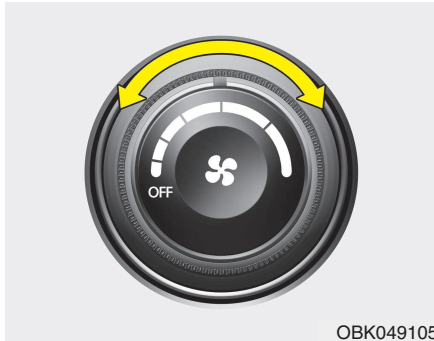
* NOTICE

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

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

WARNING

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



OBK049105

D230104AEN

Fan speed control

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

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

Setting the fan speed control knob to the OFF position turns off the fan.



OBK049106

D230105AHM

Air conditioning (if equipped)

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

System operation

D230501AUN

Ventilation

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

D230502AEN

Heating

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



Operation Tips

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

D230503ABK

Air conditioning (if equipped)

All HYUNDAI Air Conditioning Systems are filled with environmentally friendly R-134a refrigerant which does not damage the ozone layer.

1. Start the engine. Push the air conditioning button.
 2. Set the mode to the  position.
 3. Set the air intake control to the outside air or recirculated air position.
 4. Adjust the fan speed control and temperature control to maintain maximum comfort.
- When maximum cooling is desired, set the temperature control to the extreme left position (MAX A/C), set the mode control to the  position, then set the fan speed control to the highest speed.

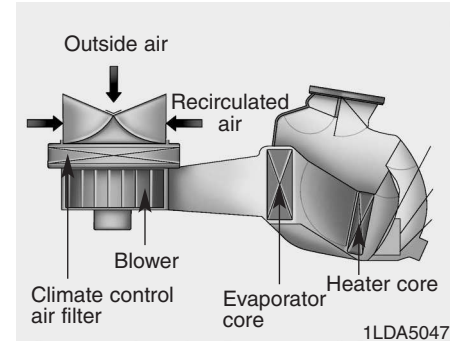
* NOTICE

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

Air conditioning system operation tips

- If the vehicle has been parked in direct sunlight during hot weather, open the windows for a short time to let the hot air inside the vehicle escape.
- To help reduce moisture inside of the windows on rainy or humid days, decrease the humidity inside the vehicle by operating the air conditioning system.
- During air conditioning system operation, you may occasionally notice a slight change in engine speed as the air conditioning compressor cycles. This is a normal system operation characteristic.
- Use the air conditioning system every month only for a few minutes to ensure maximum system performance.

- When using the air conditioning system, you may notice clear water dripping (or even puddling) on the ground under the passenger side of the vehicle. This is a normal system operation characteristic.
- Operating the air conditioning system in the recirculated air position provides maximum cooling, however, continual operation in this mode may cause the air inside the vehicle to become stale.
- During cooling operation, you may occasionally notice a misty air flow because of rapid cooling and humid air intake. This is a normal system operation characteristic.



D230300BEN

Climate control air filter (if equipped)

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

* NOTICE

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

D230400AEN

Checking the amount of air conditioner refrigerant and compressor lubricant

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

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

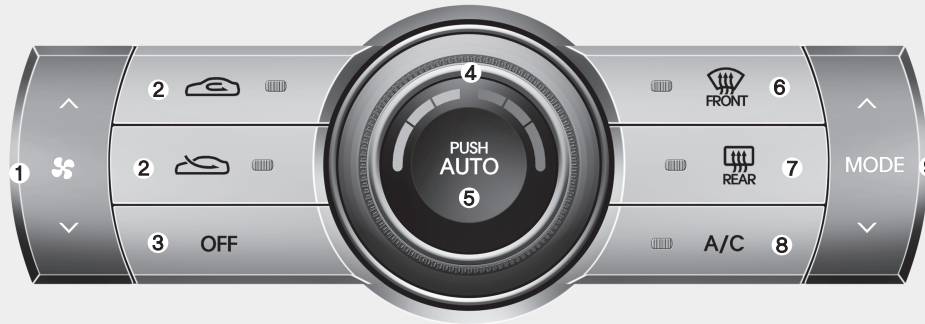
* NOTICE

It is important when servicing the air conditioning system that the correct type and amount of oil and refrigerant is used. Otherwise, damage to the compressor and abnormal system operation may occur.

WARNING

The air conditioning system should be serviced by an authorized HYUNDAI dealer. Improper service may cause serious injury to the person performing the service.

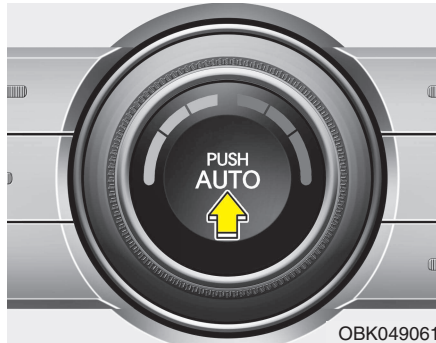
AUTOMATIC CLIMATE CONTROL SYSTEM (IF EQUIPPED)



1. Fan speed control button
2. Air intake control button
3. OFF button
4. Temperature control knob
5. AUTO (automatic control) button

6. Front windshield defrost button
7. Rear window defrost button
8. Air conditioning button
9. Mode selection button

Features of your vehicle



D240100ABK

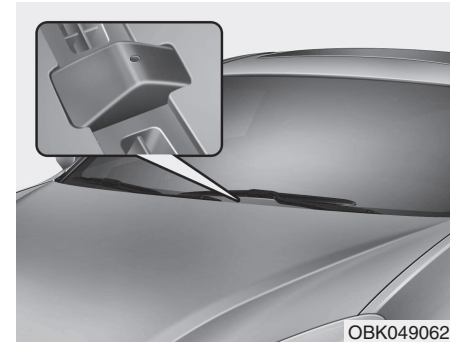
Automatic heating and air conditioning

The automatic climate control system is controlled by simply setting the desired temperature.

The Full Automatic Temperature Control (FATC) system automatically controls the heating and cooling system as follows;

1. Press the AUTO button. The modes, fan speeds, air intake and air-conditioning will be controlled automatically by temperature setting.
2. Turn the temperature control knob to the desired position.
If the temperature is set to the lowest setting (LO), the air conditioning system will operate continuously.
3. To turn the automatic operation off, press any button except the temperature control button. If you press the mode selection button, air conditioning button, defrost button, air intake control button, or the fan speed button, the selected function will be controlled manually while other functions operate automatically.

For your convenience and to improve the effectiveness of the climate control, use the AUTO button and set the temperature to 23°C (73°F).



* NOTICE



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

D240200ABH

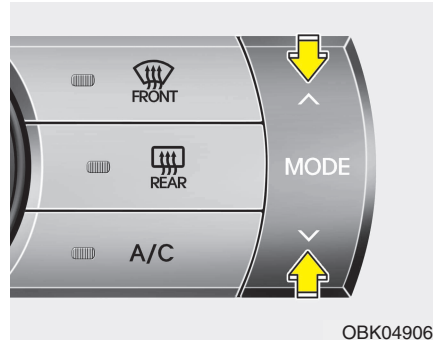
Manual heating and air conditioning

The heating and cooling system can be controlled manually by pushing buttons other than the AUTO button. In this case, the system works sequentially according to the order of buttons selected.

When pressing any button except the AUTO button while using automatic operation, the functions not selected will be controlled automatically.

1. Start the engine.
2. Set the mode to the desired position.
For improving the effectiveness of heating and cooling;
 - Heating: 
 - Cooling: 
3. Set the temperature control to the desired position.
4. Set the air intake control to the outside (fresh) air position.
5. Set the fan speed control to the desired speed.
6. If air conditioning is desired, turn the air conditioning system on.

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



OBK049063

D240201ABH

Mode selection

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

The air flow outlet port is converted as follows:



Floor & Defrost (A, C, D)

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



Floor-Level (A, C, D)

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



Bi-Level (B, D, C)

Air flow is directed towards the face and the floor.



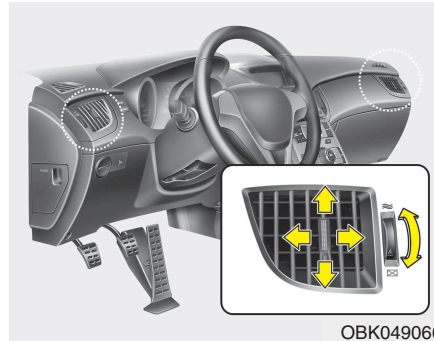
Face-Level (B, D)

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



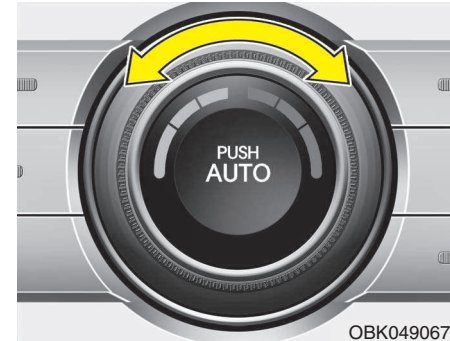
Defrost-Level (A, D)

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



Instrument panel vents

The outlet vents can be opened or closed separately using the horizontal thumbwheel. To close the vent, rotate it down to the maximum position. To open the vent, rotate it up to the desired position. Also, you can adjust the direction of air delivery from these vents using the vent control lever as shown.



D230102AUN

Temperature control

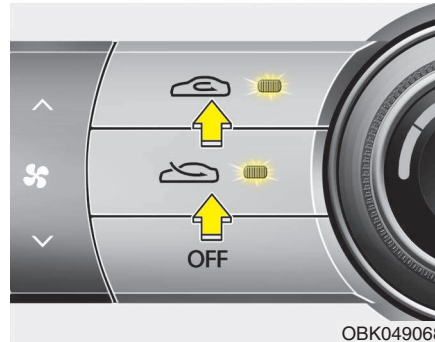
The temperature control knob allows you to control the temperature of the air flowing from the ventilation system. To change the air temperature in the passenger compartment, turn the knob to the right position for warm and hot air or left position for cooler air.

Temperature conversion

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

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

1. Turn on the audio and press the [SETUP] button.
2. Select the [TEMP] mode by pressing the [^ TURN FILE v] or [^ SEEK v] button, and pressing the [ENTER] button.
3. Select the [CELSIUS] or [FAHRENHEIT] mode by pressing the [^ TURN FILE v] or [^ SEEK v] button, and pressing the [ENTER] button.



D240203AEN

Air intake control

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

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

Recirculated air position



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

Outside (fresh) air position



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

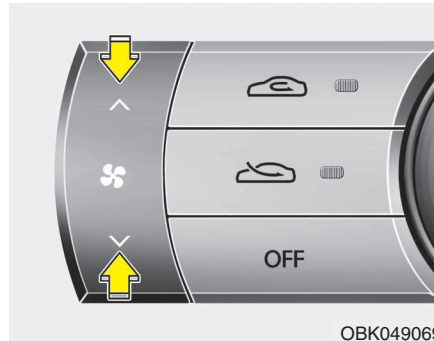
* NOTICE

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

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

⚠ WARNING

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



OBK049069

D240205ABH

Fan speed control

The fan speed can be set to the desired speed by pressing the fan speed control button.

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

Pressing the OFF button turns off the fan.



OBK049070

D240206AUN

Air conditioning

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

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



D240208AUN


OFF mode

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

System operation




D230501AUN

Ventilation

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

D230502AEN

Heating

1. Set the mode to the  position.
 2. Set the air intake control to the outside (fresh) air position.
 3. Set the temperature control to the desired position.
 4. Set the fan speed control to the desired speed.
 5. If dehumidified heating is desired, turn the air conditioning system (if equipped) on.
- If the windshield fogs up, set the mode to the  or push the front defrost button ().


Operation Tips

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

D230503AEN

Air conditioning (if equipped)

All HYUNDAI Air Conditioning Systems are filled with environmentally friendly R-134a refrigerant which does not damage the ozone layer.

1. Start the engine. Push the air conditioning button.
2. Set the mode to the  position.
3. Set the air intake control to the outside air or recirculated air position.
4. Adjust the fan speed control and temperature control to maintain maximum comfort.

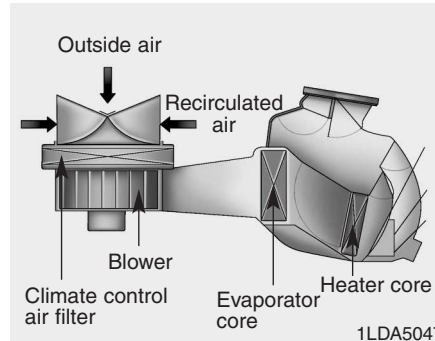
*** NOTICE**

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

Air conditioning system operation tips

- If the vehicle has been parked in direct sunlight during hot weather, open the windows for a short time to let the hot air inside the vehicle escape.
- To help reduce moisture inside of the windows on rainy or humid days, decrease the humidity inside the vehicle by operating the air conditioning system.
- During air conditioning system operation, you may occasionally notice a slight change in engine speed as the air conditioning compressor cycles. This is a normal system operation characteristic.
- Use the air conditioning system every month only for a few minutes to ensure maximum system performance.

- When using the air conditioning system, you may notice clear water dripping (or even puddling) on the ground under the passenger side of the vehicle. This is a normal system operation characteristic.
- Operating the air conditioning system in the recirculated air position provides maximum cooling, however, continual operation in this mode may cause the air inside the vehicle to become stale.
- During cooling operation, you may occasionally notice a misty air flow because of rapid cooling and humid air intake. This is a normal system operation characteristics.



D230300AEN

Climate control air filter (if equipped)

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

* NOTICE

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

D230400AEN

Checking the amount of air conditioner refrigerant and compressor lubricant

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

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

*** NOTICE**

It is important when servicing the air conditioning system that the correct type and amount of oil and refrigerant is used. Otherwise, damage to the compressor and abnormal system operation may occur.




WARNING

The air conditioning system should be serviced by an authorized HYUNDAI dealer. Improper service may cause serious injury to the person performing the service.

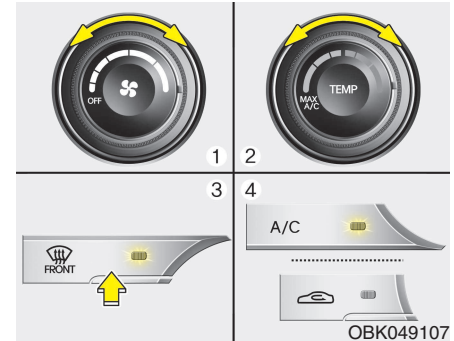
WINDSHIELD DEFROSTING AND DEFOGGING

D250000AEN

⚠ WARNING - Windshield heating

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



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




Manual climate control system

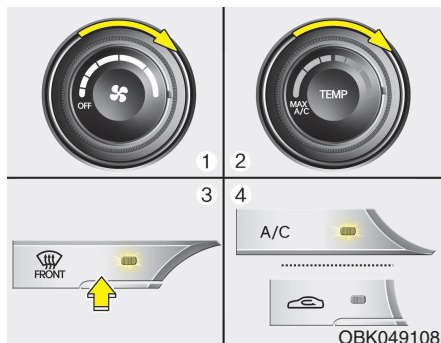
D250101AEN

To defog inside windshield

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



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

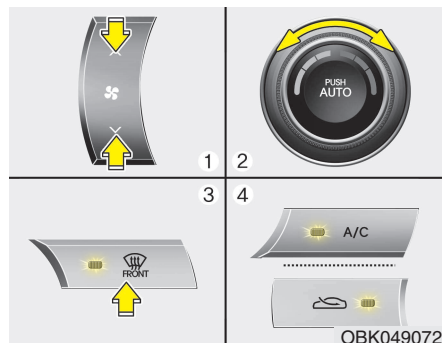
If the  position is selected, lower fan speed is adjusted to a higher fan speed.



D250102AEN

To defrost outside windshield


1. Set the fan speed to the highest (extreme right) position.
 2. Set the temperature to the extreme hot position.
 3. Select the  position.
 4. The outside (fresh) air and air conditioning will be selected automatically.
- If the  position is selected, lower fan speed is adjusted to a higher fan speed.




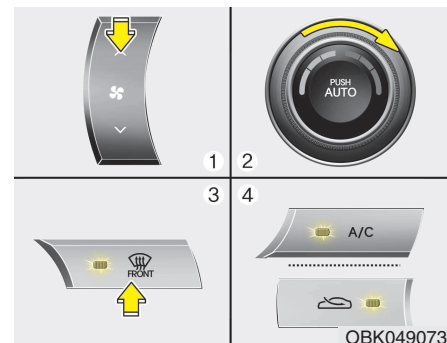
Automatic climate control system

D250201AEN

To defog inside windshield



1. Set the fan speed to the desired position.
2. Select desired temperature.
3. Press the defrost button ().
4. The air conditioning will be turned on according to the detected ambient temperature and outside (fresh) air position will be selected automatically.

If the air conditioning and outside (fresh) air position are not selected automatically, adjust the corresponding button manually. If the  position is selected, lower fan speed is adjusted to a higher fan speed.





D250202ABK

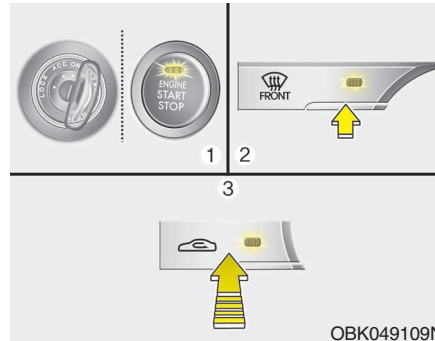
To defrost outside windshield

1. Set the fan speed to the highest position.
 2. Set the temperature to the extreme hot (HI) position.
 3. Press the defrost button ().
 4. The air conditioning will be turned on according to the detected ambient temperature and outside (fresh) air position will be selected automatically.
- If the  position is selected, lower fan speed is adjusted to a higher fan speed.

D250300AUN


Defogging logic

To reduce the possibility of fogging up the inside of the windshield, the air intake or air conditioning are controlled automatically according to certain conditions such as  or  position. To cancel or return the defogging logic, do the following.



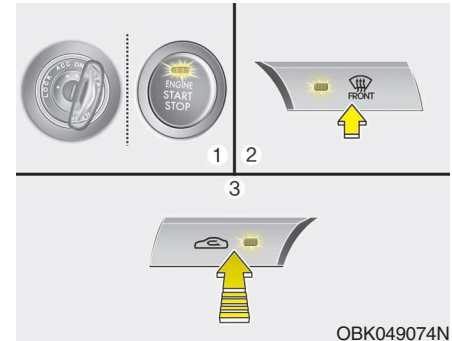
D250301ABK

Manual climate control system

1. Turn the ignition switch to the ON position.
2. Turn the mode selection knob to the defrost position (.
3. Push the air intake control button at least 5 times within 3 seconds.


The indicator light in the air intake control button will blink 3 times with 0.5 second of interval. It indicates that the defogging logic is canceled or returned to the programmed status.

If the battery has been discharged or disconnected, it resets to the defog logic status.



D250302AUN

Automatic climate control system

1. Turn the ignition switch to the ON position.
2. Select the defrost position pressing defrost button (.
3. While holding the air conditioning button (A/C) pressed, press the air intake control button at least 5 times within 3 seconds.

The A/C display blinks 3 times with 0.5 second of interval. It indicates that the defogging logic is canceled or returned to the programmed status.

If the battery has been discharged or disconnected, it resets to the defog logic status.

STORAGE COMPARTMENTS

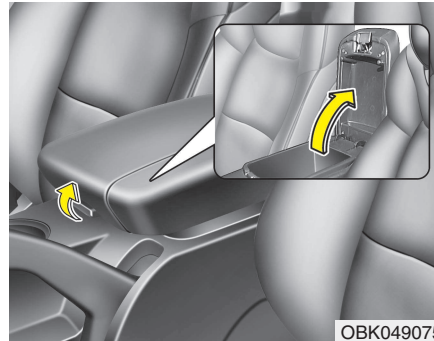
D270000AUN

CAUTION

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

WARNING - Flammable materials

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

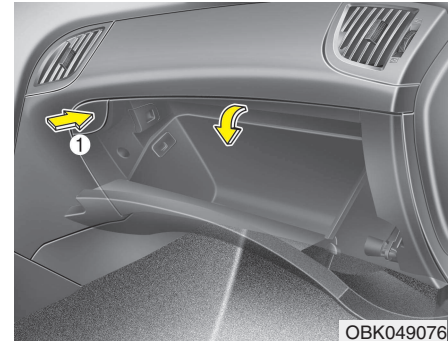


D270100AEN

Center console storage

These compartments can be used to store small items required by the driver or front passenger.

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



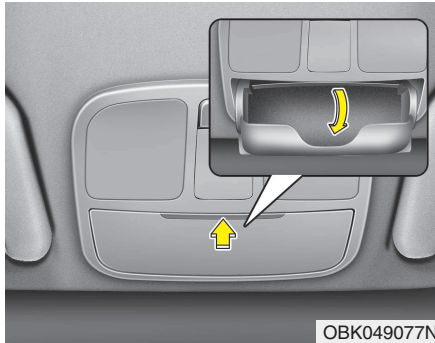
D270200ABK

Glove box

To open the glove box, push the button (1) and the glove box will automatically open (2). Close the glove box after use.

WARNING

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



OBK049077N

D270300AUN

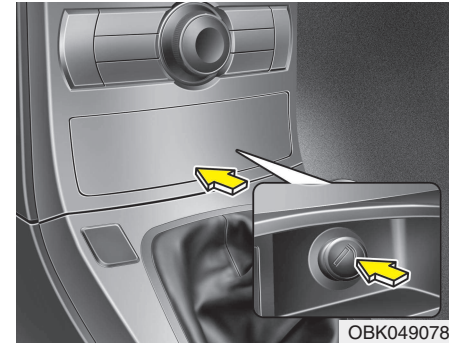
Sunglass holder

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

⚠ WARNING

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

INTERIOR FEATURES



OBK049078

D280100ABH

Cigarette lighter (if equipped)

For the cigarette lighter to work, the ignition switch must be in the ACC position or the ON position.

To open the cover, push the cover forward. (if equipped)

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.

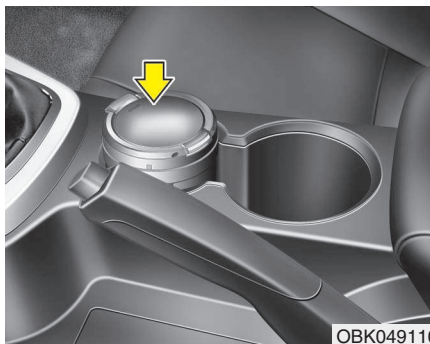
If it is necessary to replace the cigarette lighter, use only a genuine HYUNDAI replacement or its approved equivalent.

⚠ WARNING

- Do not hold the lighter in after it is already heated because it will overheat.
- If the lighter does not pop out within 30 seconds, remove it to prevent overheating.

⚠ CAUTION

Only a genuine HYUNDAI lighter should be used in the cigarette lighter socket. The use of plug-in accessories (shavers, hand-held vacuums, and coffee pots, etc.) may damage the socket or cause electrical failure.



D280200ABK

Ashtray (if equipped)

⚠ WARNING - Ashtray use

- Do not use the vehicle's ashtrays as waste receptacles.
- Putting lit cigarettes or matches in an ashtray with other combustible materials may cause a fire.

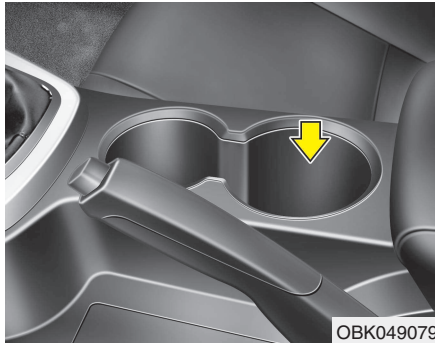
To open the cover, pull up the cover. To clean the ashtray, remove the cover by turning it clockwise.

D280300ABK

Cup holder

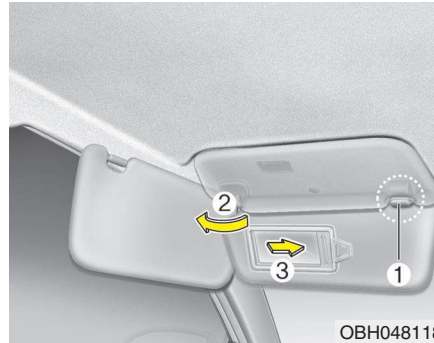
⚠ WARNING - Hot liquids

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



OBK049079

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



OBH048118

D280400ABK

Sunvisor

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

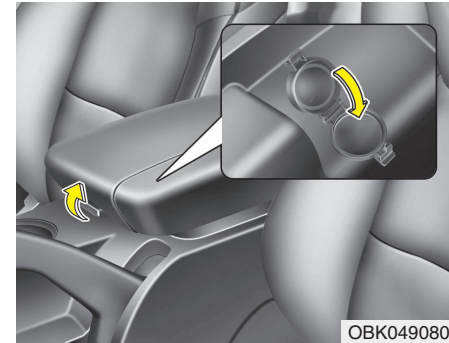
To use a sunvisor, pull it downward.

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

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

CAUTION

- *Close the vanity mirror cover securely and return the sunvisor to its original position after use.*
- *For your safety, don't make obstruct your field of vision when using the sunvisor.*



OBK049080

D280500AEN

Power outlet

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

CAUTION

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

WARNING

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



D280600AEN

Digital clock

Whenever the battery terminals or related fuses are disconnected, you must reset the time.

WARNING

Do not adjust the clock while driving. You may lose your steering control and cause an accident that results in severe personal injury or death.

D280601AUN

Setup the clock

1. Turn on the audio and press the [SETUP] button.
2. Select the [CLOCK] mode by pressing the [^ TURN FILE v] or [^ SEEK v] button, and press the [ENTER] button.
3. When you select the [CLOCK SET] mode in the [CLOCK] mode, you can set the clock. Press the [^ TURN FILE v] or [^ SEEK v] button, and press the [ENTER] button.
4. When you select the [TIME FORMAT] mode in the [CLOCK] mode, you can change the 12 hour format to the 24 hour format. Press the [^ TURN FILE v] or [^ SEEK v] button, and press the [ENTER] button.



D281200ABH

Outside thermometer

The current outside temperature is displayed in 1°C (1°F) increments. The temperature range is between -30°C ~ 60°C (-30°F~140°F).

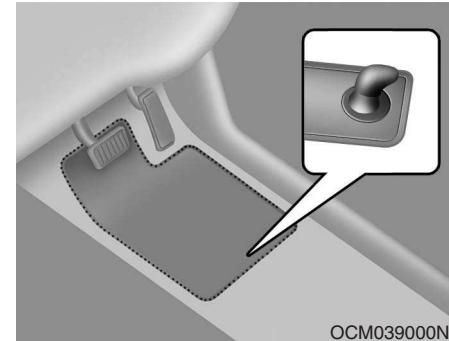
Temperature conversion

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

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

1. Turn on the audio and press the [SETUP] button.
2. Select the [TEMP] mode by pressing the [^ TURN FILE v] or [^ SEEK v] button, and pressing the [ENTER] button.
3. Select the [CELSIUS] or [FAHRENHEIT] mode by pressing the [^ TURN FILE v] or [^ SEEK v] button, and pressing the [ENTER] button.

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



Floor mat anchor

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

⚠ WARNING

The following must be observed when installing ANY floor mat to the vehicle.

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

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



D281000AEN

Luggage net (holder) (if equipped)

To keep items from shifting in the cargo area, you can use the 4 holders located in the cargo area to attach the luggage net.

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

⚠ CAUTION

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

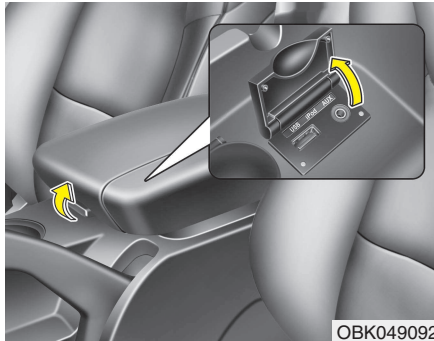
⚠ WARNING

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

AUDIO SYSTEM

* NOTICE

If you install an aftermarket HID head lamp, your vehicle's audio and electronic device may malfunction.



OBK049092

D281400AFD

Aux, USB and iPod port (if equipped)

If your vehicle has an aux and/or USB (universal serial bus) port or iPod port, you can use an aux port to connect audio devices a USB port to plug in a USB, and an iPod port to plug in an iPod.

* NOTICE

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



OBK049090

D300102ABH

Glass antenna (if equipped)

When the radio power switch is turned on while the ignition switch is in either the "ON" or "ACC" position, your car will receive both AM and FM broadcast signals through the antenna in the rear window glass.

CAUTION

- Do not clean the inside of the rear window glass with a cleaner or use a scraper to remove foreign deposits as this may cause damage to the antenna elements.
- Avoid adding metallic coating (such as Ni, Cd, and so on). These can disturb receiving broadcast signals.



D300200AEN

Steering wheel audio controls (if equipped)

The steering wheel may incorporate audio control buttons.

CAUTION

Do not operate audio remote control buttons simultaneously.

D300204AEN

VOLUME (VOL +/-) (1)

- Press the up button (+) to increase volume.
- Press the down button (-) to decrease volume.

D300203ABK

SEEK/PRESET (^/v) (2)

If the SEEK/PRESET button is pressed for 0.8 second or more, it will work as follows in each mode.

RADIO mode

It will function as the AUTO SEEK select button. It will SEEK until you release the button.

CD/USB/iPod mode

It will function as the FF/REW button.

If the SEEK/PRESET button is pressed for less than 0.8 second, it will work as follows in each mode.

RADIO mode

It will function as the PRESET STATION select buttons.

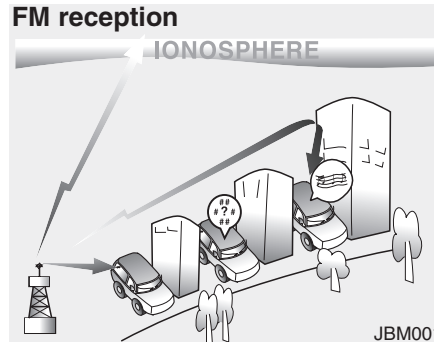
CD/USB/iPod mode

It will function as the TRACK UP/DOWN button.

Detailed information for audio control buttons is included in the following pages in this section.

MODE (3)

Press the MODE button to select Radio, CD (Compact Disc).

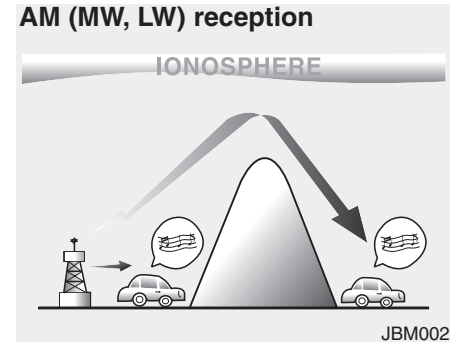


D300800AEN

How vehicle audio works

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

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

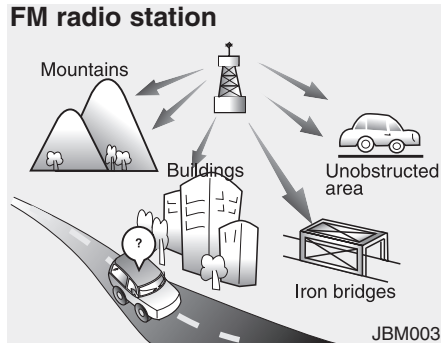


JBM002

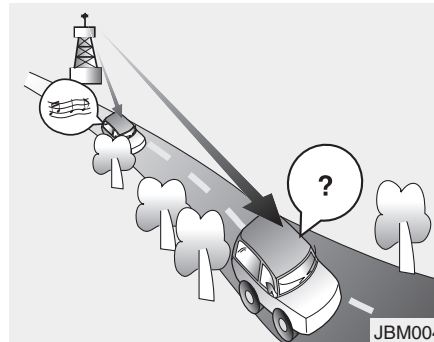
AM (MW, LW) broadcasts can be received at greater distances than FM broadcasts. This is because AM(MW, LW) radio waves are transmitted at low frequencies. These long, low frequency radio waves can follow the curvature of the earth rather than travelling straight out into the atmosphere. In addition, they can provide better signal coverage.

Features of your vehicle

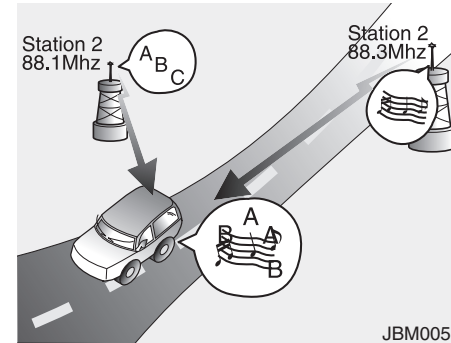
FM radio station



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:



- **Fading** - As your vehicle moves away from the radio station, the signal will weaken and sound will begin to fade. When this occurs, we suggest that you select another stronger station.
- **Flutter/Static** - Weak FM signals or large obstructions between the transmitter and your radio can disturb the signal causing static or fluttering noises to occur. Reducing the treble level may lessen this effect until the disturbance clears.



- **Station Swapping** - As a FM signal weakens, another more powerful signal near the same frequency may begin to play. This is because your radio is designed to lock onto the clearest signal. If this occurs, select another station with a stronger signal.
- **Multi-Path Cancellation** - Radio signals being received from several directions can cause distortion or fluttering. This can be caused by a direct and reflected signal from the same station, or by signals from two stations with close frequencies. If this occurs, select another station until the condition has passed.

Using a cellular phone or a two-way radio

When a cellular phone is used inside the vehicle, noise may be produced from the audio 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.

CAUTION

When using a communication system such a cellular phone or a radio set inside the vehicle, a separate external antenna must be fitted. When a cellular phone or a radio set is used with an internal antenna alone, it may interfere with the vehicle's electrical system and adversely affect safe operation of the vehicle.

WARNING

Do not use a cellular phone while driving. Stop at a safe location to use a cellular phone.

Care of disc

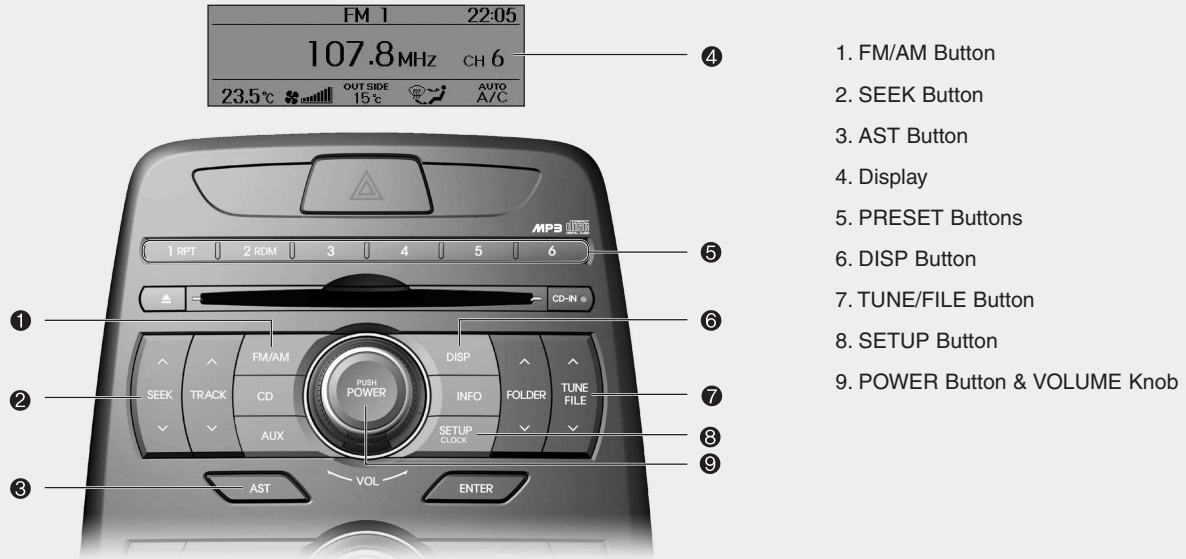
- If the temperature inside the car is too high, open the car windows for ventilation before using your car audio.
- It is illegal to copy and use MP3/WMA/WAVE files without permission. Use CDs that are created only by lawful means.
- Do not apply volatile agents such as benzene and thinner, normal cleaners and magnetic sprays made for analogue disc onto CDs.
- To prevent the disc surface from getting damaged. Hold and carry CDs by the edges or the edges of the center hole only.
- Clean the disc surface with a piece of soft cloth before playback (wipe it from the center to the outside edge).
- Do not damage the disc surface or attach pieces of sticky tape or paper onto it.
- Make sure on undesirable matter other than CDs are inserted into the CD player (Do not insert more than one CD at a time).
- Keep CDs in their cases after use to protect them from scratches or dirt.

- Depending on the type of CD-R/CD-RW CDs, certain CDs may not operate normally according to manufacturing companies or making and recording methods. In such circumstances, if you still continue to use those CDs, they may cause the malfunction of your car audio system.

*** NOTICE - Playing an Incompatible Copy Protected Audio CD**

Some copy protected CDs, which do not comply with the international audio CD standards (Red Book), may not play on your car audio. Please note that if you try to play copy protected CDs and the CD player does not perform correctly the CDs maybe defective, not the CD player.

RADIO, SET UP, VOLUME CONTROL (CD Player : PA710BKG)



BK_PA710BKG_RADIO

Using RADIO, SET UP, VOLUME CONTROL

1. FM/AM Button

Turn to FM or AM mode, and toggles in the order of FM1 → FM2 → AM → FM1... when the button is pressed each time.

2. SEEK Button

When the [SEEK ^ / ∨] button is pressed, it increases/decreases the band frequency by 200kHz to automatically select channel. Stops at the original frequency if no channel is found.

3. AST (AUTO STORE) Button

When AST is pressed, frequency is stored on the preset memory [1]~[6] and automatically plays the channel stored on the Preset [1].

If no channels have been stored because there was no channel received, will return to the previous channel.

4. Display

Displays the current time, mode, frequency AST status and preset channel.

5. PRESET Buttons

Press [PRESET 1~6] buttons less than 0.8 second to play the channel saved in each button.

Press [PRESET 1~6] buttons for 0.8 second or longer to save current station to the respective button with a beep.

6. DISP (Screen ON/OFF) Button

Turns on/off the displayed data and light on LCD.

7. TUNE/FILE Button

When the [TUNE/FILE ^ / ∨] button is pressed, it increases / decreases the band frequency by 200kHz from current frequency.

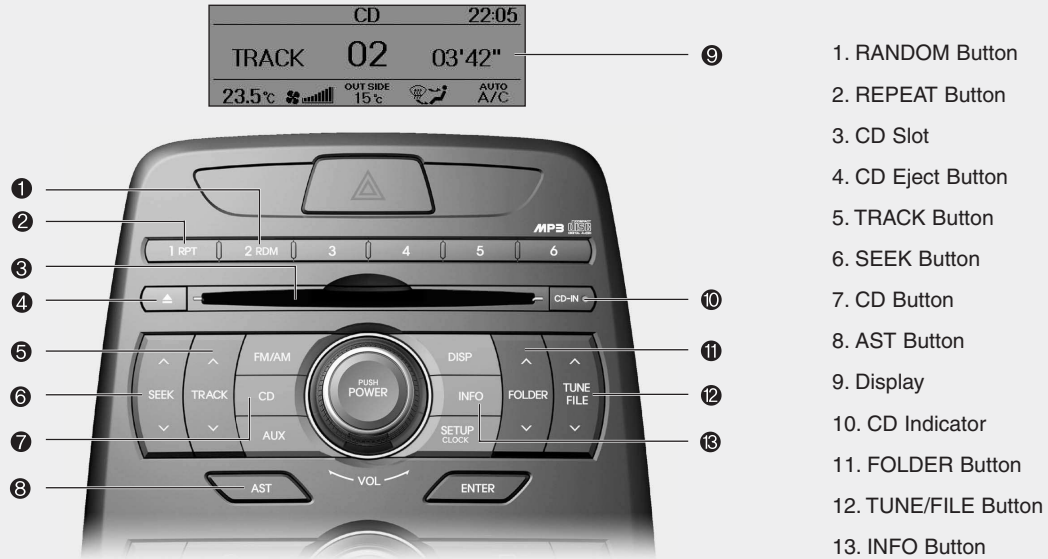
8. SETUP Button

Press the button to change the SOUND, (TONE, POSITION), AVC, CLOCK, TEMP and SCROLL option modes.

9. POWER Button & VOLUME Knob

Turn 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.

CD (CD Player : PA710BKG)



BK_PA710BKG_CDP

Using CD Player

1. RANDOM Button

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

If loaded CD has a file folder, RANDOM PLAY button operates below.

- Press button for less than 0.8 second to play randomized files in folder.
- Press button for 0.8 second or longer to play randomized all files in CD.


2. REPEAT Button

- Repeating an MP3 DISC or WMA DISC file
Repeats current song when the button is pressed for less than 0.8 second.
Repeats all songs in current folder when the button is pressed for 0.8 second or longer.
- Repeating an audio DISC file
Repeats current song when the button is pressed for less than 0.8 second.
Repeats the entire DISC when the button is pressed for 0.8 second or longer.



3. CD Slot

Please face printed side upward and gently press 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 CD supports only 12cm CD. If VCD, Data CD are loaded, "Reading Error" message will appear and CD will be ejected.



4. CD Eject Button

Press [] button to eject the CD during CD playback. This button is enabled when ignition switch is off.

5. TRACK Button

- Press [TRACK ] button to play the next song.
- Press [TRACK ] button to play from the beginning of current song and press again to play the previous song.

6. SEEK Button

- Press [SEEK ] button to initiate high speed sound search of current song.
- Press [SEEK ] button to initiate reverse direction high speed sound search of current song.

7. CD Button

If there is a CD in the CD deck, it switches from the previous mode to CD mode and plays the song. If there is no CD, then it displays the message "No Media" and returns to the previous mode.

8. AST (AUTO STORE) Button

Plays first 10 seconds of each song in the DISC. Press the button once again to cancel the mode.

9. Display

Displays the current time, mode, play track number, play time, RDM, RPT and AST status.

10. CD Indicator

When car ignition switch is ACC or ON and if the CD is loaded this indicator Icon is on. If the CD is ejected the Icon is off.

11. FOLDER Button

When the loaded CD has file folders, [FOLDER ^ / ∨] buttons will operate in the manner described below.

- Press [FOLDER ∨] button to move child folder of the current folder and display the first song in the folder. Press [ENTER] button to move to the folder displayed. It will play the first song in the folder.
- Press [FOLDER ^] button to move parent folder and display the first song in the folder. Press [ENTER] button to move to the folder displayed.

12. TUNE/FILE Button

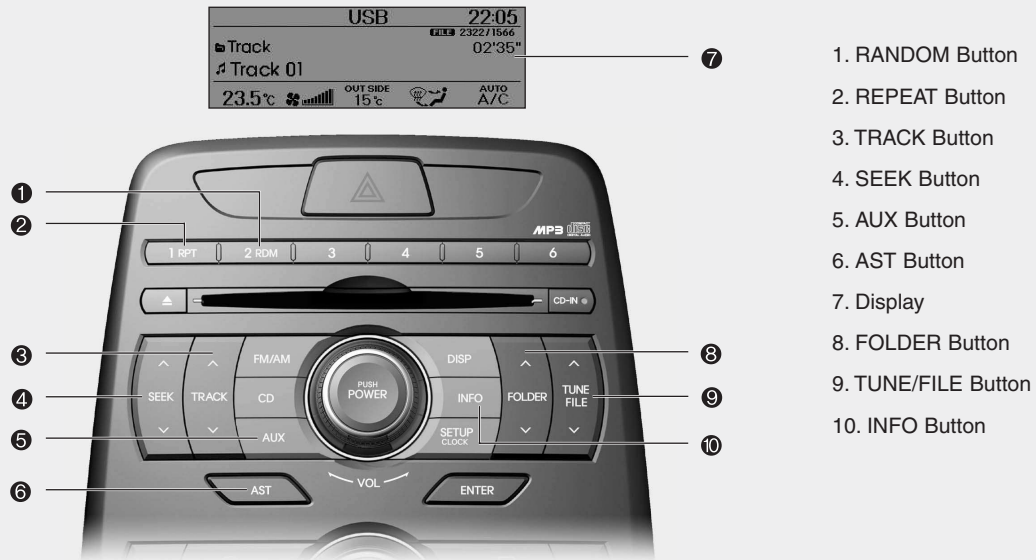
When loaded CD contains MP3 or WMA files, [TUNE/FILE ^ / ∨] buttons will operate in the manner described below.

- Press [TUNE/FILE ^] button to select the next song and press [ENTER] button to play.
- Press [TUNE/FILE ∨] button to select the previous song and press [ENTER] button to play.

13. INFO Button

Displays the information of the current CD TRACK in the order of DISC TITLE → DISC ARTIST β TRACK TITLE → TRACK ARTIST → TOTAL TRACK → PLAY SCREEN → DISC TITLE... (not displayed if the information is not available on the DISC.)

USB (CD Player : PA710BKG)



1. RANDOM Button
2. REPEAT Button
3. TRACK Button
4. SEEK Button
5. AUX Button
6. AST Button
7. Display
8. FOLDER Button
9. TUNE/FILE Button
10. INFO Button

BK_PA710BKG_USB

Using USB device

1. RANDOM Button

Press the button for less than 0.8 second to start or stop the random playback of the songs in the current folder.

Press the button for more than 0.8 second to randomly play the entire songs in the USB device. Press the button again to cancel the mode.

2. REPEAT Button

Repeats current song when the button is pressed for less than 0.8 second.

Repeats all songs in current folder when the button is pressed for 0.8 second or longer.

3. TRACK Button

- Press the [TRACK ∨] button to play from the beginning of the song currently played. Press again to move and play the previous track.
- Press the [TRACK ∧] button to move to the next track.

4. SEEK Button

- Press the [SEEK ∨] button to play the song in reverse direction in fast speed.
- Press the [SEEK ∧] button to play the song in forward direction in fast speed.

5. AUX Button

If USB or AUX is connected, it switches to USB or AUX mode to play the song. If there is no USB or AUX device connected, then it displays the message "No Media" and returns to the previous mode.

6. AST (AUTO STORE) Button

Scans each song in the USB device for 10 seconds each. Press the button once again to cancel scanning.

7. Display

Displays the current time, mode, play track number, play time, RDM, RPT and AST status.

8. FOLDER Button

- Press [FOLDER ∨] button to move child folder of the current folder and display the first song in the folder. Press [ENTER] button to move to the folder displayed. It will play the first song in the folder.
- Press [FOLDER ∧] button to move parent folder and display the first song in the folder. Press [ENTER] button to move to the folder displayed.

9. TUNE/FILE Button

- Press [TUNE/FILE ∧] button to select the next song and press [ENTER] button to play.
- Press [TUNE/FILE ∨] button to select the previous song and press [ENTER] button to play.

10. INFO Button

Displays the information of the file currently played in the order of FILE NAME → TITLE → ARTIST → ALBUM → FOLDER → TOTAL FILE → NORMAL DISPLAY → FILE NAME... (Displays no information if the file has no song information.)

CAUTION IN USING USB DEVICE

- To use an external USB device, make sure the device is not connected when starting up the vehicle. Connect the device after starting up.
- If you start the engine when the USB device is connected, it may damage the USB device. (USB flashdrives are very sensitive to electric shock.)
- If the engine is started up or turned off while the external USB device is connected, the external USB device may not work.
- It may not play inauthentic MP3 or WMA files.
 - 1) It can only play MP3 files with the compression rate between 8Kbps~320Kbps.
 - 2) It can only play WMA music files with the compression rate between 8Kbps~320Kbps.
- Take precautions for static electricity when connecting or disconnecting the external USB device.

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(Continued)

- An encrypted MP3 PLAYER is not recognizable.
- Depending on the condition of the external USB device, the connected external USB device can be unrecognizable.
- When the formatted byte/sector setting of External USB device is not either 512BYTE or 2048BYTE, then the device will not be recognized.
- Use only a USB device formatted to FAT 12/16/32.
- USB devices without USB I/F authentication may not be recognizable.
- Make sure the USB connection terminal does not come in contact with the human body or other objects.
- If you repeatedly connect or disconnect the USB device in a short period of time, it may break the device.
- You may hear a strange noise when connecting or disconnecting a USB device.

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- If you disconnect the external USB device during playback in USB mode, the external USB device can be damaged or may malfunction. Therefore, disconnect the external USB device when the audio is turned off or in another mode. (e.g, Radio or CD)
- Depending on the type and capacity of the external USB device or the type of the files stored in the device, there is a difference in the time taken for recognition of the device.
- Do not use the USB device for purposes other than playing music files.
- Use of USB accessories such as rechargers or heaters using USB I/F may lower performance or cause trouble.
- If you use devices such as a USB hub purchased separately, the vehicle's audio system may not recognize the USB device. In that case, connect the USB device directly to the multimedia terminal of the vehicle.

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(Continued)

- *If the USB device is divided by logical drives, only the music files on the highest-priority drive are recognized by car audio.*
- *Devices such as MP3 Player/ Cellular phone/Digital camera can be unrecognizable by standard USB I/F can be unrecognizable.*
- *Some non-standard USB devices (METAL COVER TYPE USB) can be unrecognizable.*
- *Some USB flash memory readers (such as CF, SD, microSD, etc.) or external-HDD type devices can be unrecognizable.*
- *Music files protected by DRM (DIGITAL RIGHTS MANAGEMENT) are not recognizable.*
- *The data in the USB memory may be lost while using this audio. Always back up important data on a personal storage device.*

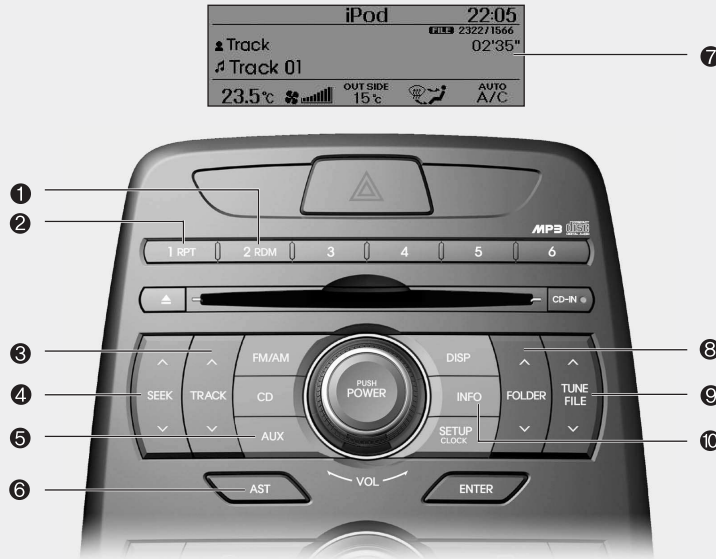
(Continued)

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- *Please avoid using USB memory products which can be used as key chains or cellular phone accessories as they could cause damage to the USB jack. Please make certain only to use plug type connector products as shown below.*



iPod (CD Player : PA710BKG)



1. RANDOM Button
2. REPEAT Button
3. TRACK Button
4. SEEK Button
5. iPod Button
6. AST Button
7. Display
8. FOLDER Button
9. TUNE/FILE Button
10. INFO Button

* iPod is a trademark of Apple Inc.

BK_PA710BKG_iPod

Using iPod

Using an iPod when the exclusive cable is connected to the multiple terminal inside the console on the right hand side of the driver's seat.

1. RANDOM Button

Press the button for less than 0.8 second to activate or deactivate the random playback of the songs within the current category. Press the button for longer than 0.8 second to randomly play all songs in the entire album of the iPod. Press the button once again to cancel the mode.

2. REPEAT Button

Press the button to repeat the song currently played.

3. TRACK Button

- Press the [TRACK ∨] button to play from the beginning of the song currently played. Press again to move and play the previous track.
- Press the [TRACK ∧] button to move to the next track.

4. SEEK Button

- Press the [SEEK ∨] button to play the song in reverse direction in fast speed.
- Press the [SEEK ∧] button to play the song in forward direction in fast speed.

5. iPod Button

If iPod is connected, it switches to the iPod mode from the previous mode to play the song files stored in the iPod.

If there is no iPod connected, then it displays the message "No Media" and returns to the previous mode.

6. AST (AUTO STORE) Button

Scans each song in the USB device for 10 seconds each. Press the button once again to cancel scanning.

7. Display

Displays the current time, mode, play track number, play time, RDM, RPT and AST status.

8. FOLDER Button

- Press [FOLDER ∨] button to move the category and display the first song in the category. Press [ENTER] button to move to the category displayed. It will play the first song in the folder.
- Press [FOLDER ∧] button to move the category and display the first song in the category. Press [ENTER] button to move to the category displayed. (PLAYLISTS → ARTISTS → ALBUMS → GENRES → SONGS → COMPOSERS → PLAYLIST...)

9. TUNE/FILE Button

- Press [TUNE/FILE ∧] button to select the next song and press [ENTER] button to play.
- Press [TUNE/FILE ∨] button to select the previous song and press [ENTER] button to play.

10. INFO Button

Displays the information of the file currently played in the order of TITLE → ARTIST → ALBUM → NORMAL DISPLAY → TITLE... (Displays no information if the file has no song information.)

* NOTICE FOR USING THE iPod DEVICE

- Some iPod models might not support the communication protocol and the files will not be played.
Supported iPod models:
 - iPod Mini
 - iPod 4th(Photo) ~ 6th(Classic) generation
 - iPod Nano 1st~4th generation
 - iPod Touch 1st~2nd generation
- The order of search or playback of songs in the iPod can be different from the order searched in the audio system.
- If the iPod disabled due to its own malfunction, reset the iPod. (Reset: Refer to iPod manual)
- An iPod may not operate normally on low battery.
- Some iPod devices, such as the iPhone, can be connected through the Bluetooth interface. The device must have audio Bluetooth capability (such as for stereo headphone Bluetooth). The device can play, but it will not be controlled by the audio system.

CAUTION IN USING THE iPod DEVICE

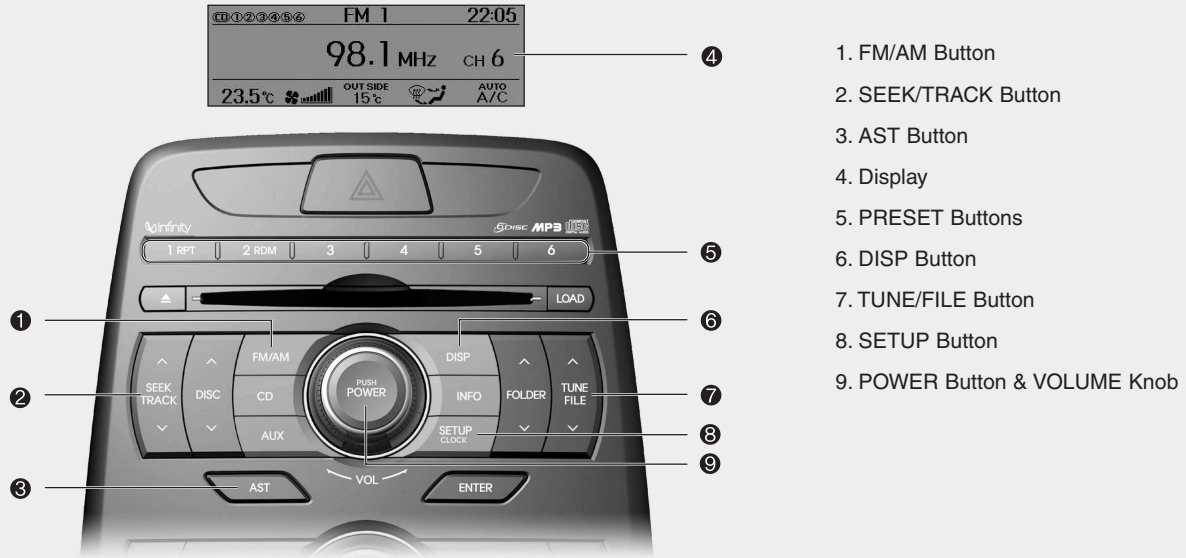
- *The HYUNDAI iPod Power Cable is needed in order to operate iPod with the audio buttons on the audio system. The USB cable provided by Apple may cause malfunction and should not be used for HYUNDAI vehicles.*
 - **The HYUNDAI iPod Power Cable may be purchased through your HYUNDAI Dealership.*
- *When connecting iPod with the iPod Power Cable, insert the connector to the multimedia socket completely. If not inserted completely, communications between iPod and audio may be interrupted.*
- *When adjusting the sound effects of the iPod and the audio system, the sound effects of both devices will overlap and might reduce or distort the quality of the sound.*

(Continued)

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- *Deactivate (turn off) the equalizer function of an iPod when adjusting the audio system's volume, and turn off the equalizer of the audio system when using the equalizer of an iPod.*
- *When the iPod cable is connected, the system can be switched to AUX mode even without iPod device and may cause noise. Disconnect the iPod cable when you are not using the iPod device.*
- *When not using iPod with car audio, detach the iPod cable from iPod. Otherwise, iPod may remain in accessory mode, and may not work properly.*

RADIO, SET UP, VOLUME CONTROL (CD Changer : PA760BKG)



BK_PA760BKG_RAIDO

Using RADIO, SET UP, VOLUME CONTROL

1. FM/AM Button

Turn to FM or AM mode, and toggles in the order of FM1 → FM2 → AM → FM1... when the button is pressed each time.

2. SEEK/TRACK Button

When the [SEEK/TRACK ^ / ∨] button is pressed, it increases/decreases the band frequency by 200kHz to automatically select channel. Stops at the original frequency if no channel is found.

3. AST (AUTO STORE) Button

When AST is pressed, frequency is stored on the preset memory [1]~[6] and automatically plays the channel stored on the Preset [1].

If no channels have been stored because there was no channel received, will return to the previous channel.

4. Display

Displays the current time, mode, frequency AST status and preset channel.

5. PRESET Buttons

Press [PRESET 1~6] buttons less than 0.8 second to play the channel saved in each button.

Press [PRESET 1~6] buttons for more than 0.8 second or longer to save current station to the respective button with a beep.

6. DISP (Screen ON/OFF) Button

Turns on/off the displayed data and light on LCD.

7. TUNE Button

When the [TUNE ^ / ∨] button is pressed, it increases/decreases the band frequency by 200kHz from current frequency.

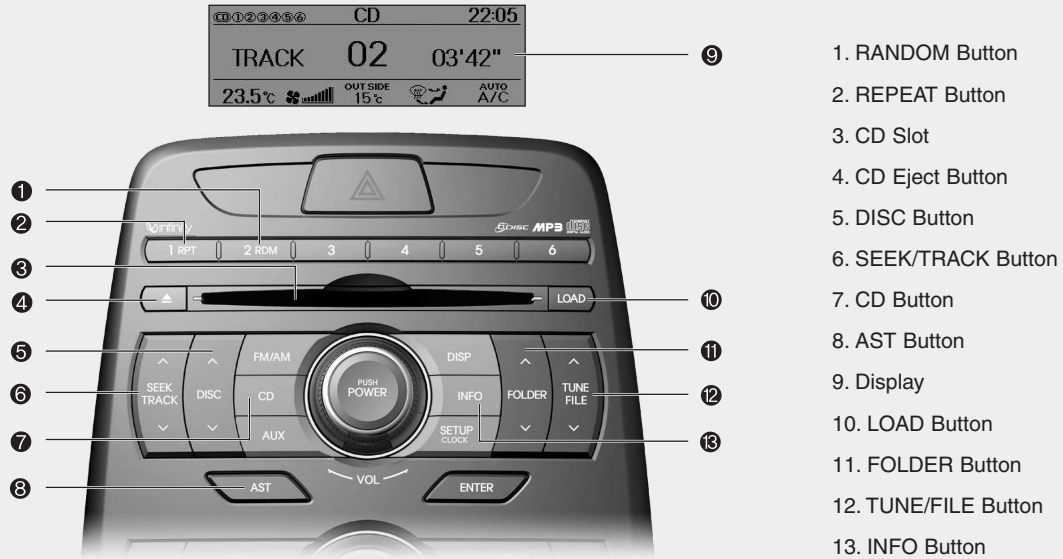
8. SETUP Button

Press the button to change the SOUND, (TONE, POSITION), AVC, CLOCK, TEMP and SCROLL option modes.

9. POWER Button & VOLUME Knob

Turn 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.

CD (CD Changer : PA760BKG)



BK_PA760BKG_CD

Using CD Player

1. RANDOM Button

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

If loaded CD has a file folder, RANDOM PLAY button operates below.

- Press button for less than 0.8 second to play randomized files in folder.
- Press button for 0.8 second or longer to play randomized all files in CD.

2. REPEAT Button

- Repeating an MP3 DISC or WMA DISC file

Repeats current song when the button is pressed for less than 0.8 second.

Repeats all songs in current folder when the button is pressed for 0.8 second or longer.

- Repeating an audio DISC file
Repeats current song when the button is pressed for less than 0.8 second.
Repeats the entire DISC when the button is pressed for 0.8 second or longer.

3. CD Slot

Please face printed side upward and gently press 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 CD supports only 12cm CD. If VCD, Data CD are loaded, "Reading Error" message will appear and CD will be ejected.

4. CD Eject Button

- Press [**▲**] button for less than 0.8 second to eject the CD during CD playback.
- Press [**▲**] button for 0.8 second or longer to eject all the CD in deck.
- This button is enabled even when ignition switch is off.

5. DISC button

- Press [DISC **∨**] button to change disc to the previous disc.
- Press [DISC **∧**] button to change disc to the next disc.

6. SEEK/TRACK Button

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

7. CD Button

If there is a CD in the CD deck, it switches from the previous mode to CD mode and plays the song. If there is no CD, then it displays the message "No Media" and returns to the previous mode.

8. AST (AUTO STORE) Button

Plays first 10 seconds of each song in the DISC. Press the button once again to cancel the mode.

9. Display

Displays the current time, mode, play track number, play time, RDM, RPT and AST status.

10. LOAD Button

Press [LOAD] button to load CDs into available CDC slots (from 1~6).

Press [LOAD] button for 2 seconds or longer to load into all available decks. The last CD will play. Idle status for 10 seconds will terminate the loading process.

11. FOLDER Button

When the loaded CD has file folders, [FOLDER ^ / ∨] buttons will operate in the manner described below.

- Press [FOLDER ∨] button to move child folder of the current folder and display the first song in the folder. Press [ENTER] button to move to the folder displayed. It will play the first song in the folder.
- Press [FOLDER ^] button to move parent folder and display the first song in the folder. Press [ENTER] button to move to the folder displayed.

12. TUNE/FILE Button

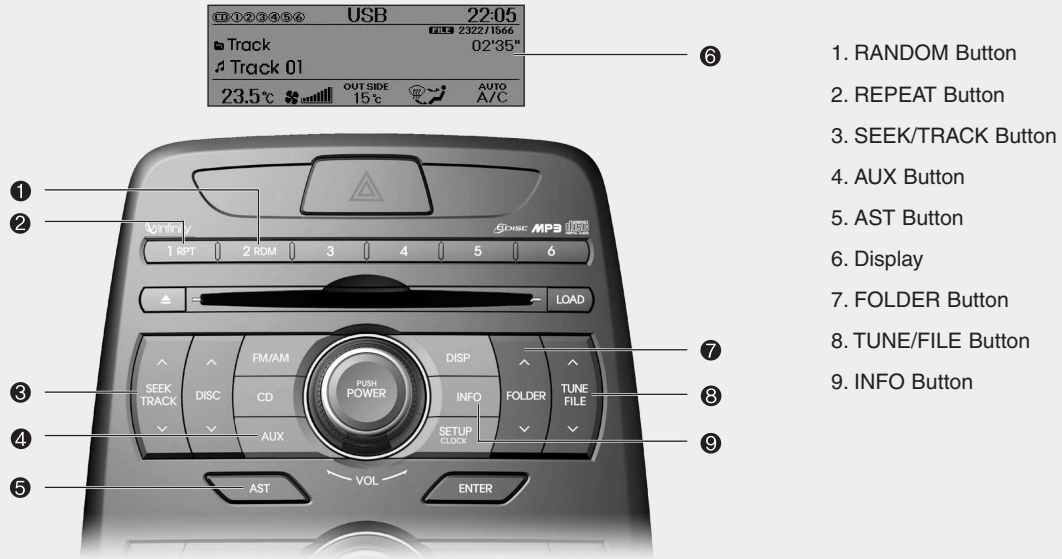
When the loaded CD contains MP3 or WMA files, [TUNE/FILE ^ / ∨] buttons will operate in the manner described below.

- Press [TUNE/FILE ^] button to select the next song and press [ENTER] button to play.
- Press [TUNE/FILE ∨] button to select the previous song and press [ENTER] button to play.

13. INFO 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.)

USB (CD Changer : PA760BKG)



- 1. RANDOM Button
- 2. REPEAT Button
- 3. SEEK/TRACK Button
- 4. AUX Button
- 5. AST Button
- 6. Display
- 7. FOLDER Button
- 8. TUNE/FILE Button
- 9. INFO Button

BK_PA760BKG_USB

Using USB device

1. RANDOM Button

Press the button for less than 0.8 second to start or stop the random playback of the songs in the current folder.

Press the button for more than 0.8 second to randomly play the entire songs in the USB device. Press the button again to cancel the mode.

2. REPEAT Button

Repeats current song when the button is pressed for less than 0.8 second.

Repeats all songs in current folder when the button is pressed for 0.8 second or longer.

3. SEEK/TRACK Button

- Press the [SEEK/TRACK ∨] button for less than 0.8 second to play from the beginning of the song currently played. Press the button for less than 0.8 second and press again within 1 second to play the previous track.

Press the button for 0.8 second or longer to play songs reverse direction in fast speed.

- Press the [SEEK/TRACK ^] button for less than 0.8 second to move to the next track. Press the button for 0.8 second or longer to play the song in forward direction in fast speed.

4. AUX Button

If USB or AUX is connected, it switches to USB or AUX mode to play the song. If there is no USB or AUX device connected, then it displays the message "No Media" and returns to the previous mode.

5. AST (AUTO STORE) Button

Scans each song in the USB device for 10 seconds. Press the button once again to cancel scanning.

6. Display

Displays the current time, mode, play track number, play time, RDM, RPT and AST status.

7. FOLDER Button

- Press [FOLDER ∨] button to move child folder of the current folder and display the first song in the folder. Press [ENTER] button to move to the folder displayed. It will play the first song in the folder.

- Press [FOLDER ^] button to move parent folder and display the first song in the folder. Press [ENTER] button to move to the folder displayed.

8. TUNE/FILE Button

- Press [TUNE/FILE ^] button to select the next song and press [ENTER] button to play.

- Press [TUNE/FILE ∨] button to select the previous song and press [ENTER] button to play.

9. INFO Button

Displays the information of the file currently played in the order of FILE NAME → TITLE → ARTIST → ALBUM → FOLDER → TOTAL FILE → NORMAL DISPLAY → FILE NAME... (Displays no information if the file has no song information.)

⚠ CAUTION IN USING USB DEVICE

- *To use an external USB device, make sure the device is not connected when starting up the vehicle. Connect the device after starting up.*
- *If you start the engine when the USB device is connected, it may damage the USB device. (USB flashdrives are very sensitive to electric shock.)*
- *If the engine is started up or turned off while the external USB device is connected, the external USB device may not work.*
- *It may not play inauthentic MP3 or WMA files.*
 - 1) *It can only play MP3 files with the compression rate between 8Kbps~320Kbps.*
 - 2) *It can only play WMA music files with the compression rate between 8Kbps~320Kbps.*
- *Take precautions for static electricity when connecting or disconnecting the external USB device.*

(Continued)

(Continued)

- *An encrypted MP3 PLAYER is not recognizable.*
- *Depending on the condition of the external USB device, the connected external USB device can be unrecognizable.*
- *When the formatted byte/sector setting of External USB device is not either 512BYTE or 2048BYTE, then the device will not be recognized.*
- *Use only a USB device formatted to FAT 12/16/32.*
- *USB devices without USB I/F authentication may not be recognizable.*
- *Make sure the USB connection terminal does not come in contact with the human body or other objects.*
- *If you repeatedly connect or disconnect the USB device in a short period of time, it may break the device.*
- *You may hear a strange noise when connecting or disconnecting a USB device.*

(Continued)

(Continued)

- *If you disconnect the external USB device during playback in USB mode, the external USB device can be damaged or may malfunction. Therefore, disconnect the external USB device when the audio is turned off or in another mode. (e.g, Radio or CD)*
- *Depending on the type and capacity of the external USB device or the type of the files stored in the device, there is a difference in the time taken for recognition of the device.*
- *Do not use the USB device for purposes other than playing music files.*
- *Use of USB accessories such as rechargers or heaters using USB I/F may lower performance or cause trouble.*
- *If you use devices such as a USB hub purchased separately, the vehicle's audio system may not recognize the USB device. In that case, connect the USB device directly to the multimedia terminal of the vehicle.*

(Continued)

(Continued)

- *If the USB device is divided by logical drives, only the music files on the highest-priority drive are recognized by car audio.*
- *Devices such as MP3 Player/ Cellular phone/Digital camera can be unrecognizable by standard USB I/F can be unrecognizable.*
- *Some non-standard USB devices (METAL COVER TYPE USB) can be unrecognizable.*
- *Some USB flash memory readers (such as CF, SD, microSD, etc.) or external-HDD type devices can be unrecognizable.*
- *Music files protected by DRM (DIGITAL RIGHTS MANAGEMENT) are not recognizable.*
- *The data in the USB memory may be lost while using this audio. Always back up important data on a personal storage device.*

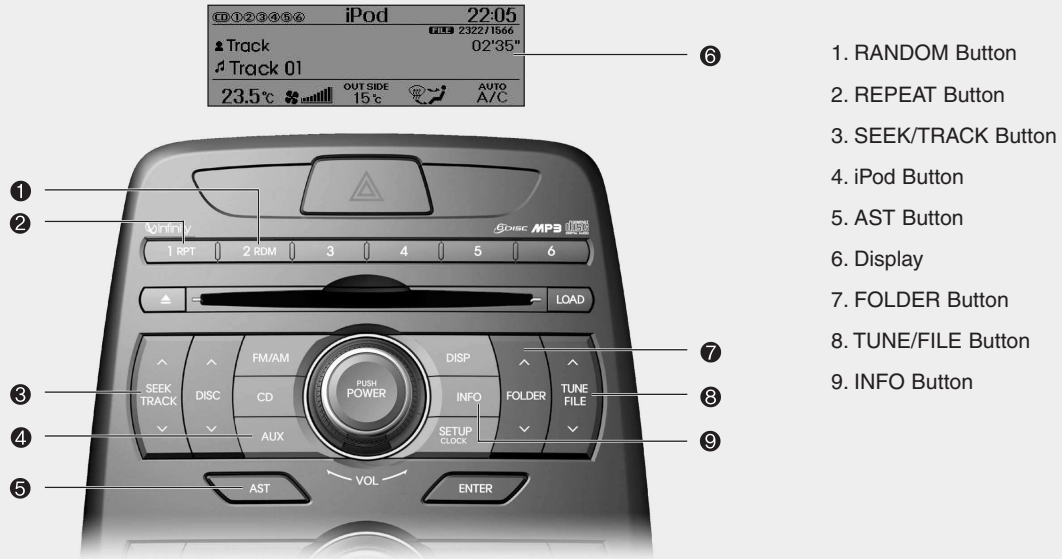
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- *Please avoid using USB memory products which can be used as key chains or cellular phone accessories as they could cause damage to the USB jack. Please make certain only to use plug type connector products as shown below.*



iPod (CD Changer : PA760BKG)



1. RANDOM Button
2. REPEAT Button
3. SEEK/TRACK Button
4. iPod Button
5. AST Button
6. Display
7. FOLDER Button
8. TUNE/FILE Button
9. INFO Button

BK_PA760BKG_iPod

Using iPod

Using an iPod when the exclusive cable is connected to the multiple terminal inside the console on the right hand side of the driver's seat.

1. RANDOM Button

Press the button for less than 0.8 second to activate or deactivate the random playback of the songs within the current category. Press the button for longer than 0.8 second to randomly play all songs in the entire album of the iPod. Press the button once again to cancel the mode.

2. REPEAT Button

Press the button to repeat the song currently played.

3. SEEK/TRACK Button

- Press the [SEEK/TRACK ∨] button for less than 0.8 second to play from the beginning of the song currently played. Press the button for less than 0.8 second and press again within 1 second to play the previous track. Press the button for 0.8 second or longer to play songs reverse direction in fast speed.

- Press the [SEEK/TRACK ∧] button for less than 0.8 second to move to the next track. Press the button for 0.8 second or longer to play the song in forward direction in fast speed.

4. iPod Button

If iPod is connected, it switches to the iPod mode from the previous mode to play the song files stored in the iPod.

5. AST (AUTO STORE) Button

Scans each song in the iPod for 10 seconds. Press the button once again to cancel scanning.

6. Display

Displays the current time, mode, play track number, play time, RDM, RPT and AST status.

7. FOLDER Button

- Press [FOLDER ∨] button to move the category and display the first song in the category. Press [ENTER] button to move to the category displayed. It will play the first song in the folder.
- Press [FOLDER ∧] button to move the category and display the first song in the category. Press [ENTER] button to move to the category displayed.
(PLAYLISTS ⇒ ARTISTS ⇒ ALBUMS ⇒ GENRES ⇒ SONGS ⇒ COMPOSERS ⇒ PLAYLIST...)

8. TUNE/FILE Button

- Press [TUNE/FILE ∧] button to select the next song and press [ENTER] button to play.
- Press [TUNE/FILE ∨] button to select the previous song and press [ENTER] button to play.

9. INFO Button

Displays the information of the file currently played in the order of TITLE ⇒ ARTIST ⇒ ALBUM ⇒ NORMAL DISPLAY ⇒ TITLE... (Displays no information if the file has no song information.)

* NOTICE FOR USING THE iPod DEVICE

- Some iPod models might not support the communication protocol and the files will not be played.
Supported iPod models:
 - iPod Mini
 - iPod 4th(Photo) ~ 6th(Classic) generation
 - iPod Nano 1st~4th generation
 - iPod Touch 1st~2nd generation
- The order of search or playback of songs in the iPod can be different from the order searched in the audio system.
- If the iPod disabled due to its own malfunction, reset the iPod. (Reset: Refer to iPod manual)
- An iPod may not operate normally on low battery.
- Some iPod devices, such as the iPhone, can be connected through the Bluetooth interface. The device must have audio Bluetooth capability (such as for stereo headphone Bluetooth). The device can play, but it will not be controlled by the audio system.

CAUTION IN USING THE iPod DEVICE

- *The HYUNDAI iPod Power Cable is needed in order to operate iPod with the audio buttons on the audio system. The USB cable provided by Apple may cause malfunction and should not be used for HYUNDAI vehicles.*
 - **The HYUNDAI iPod Power Cable may be purchased through your HYUNDAI Dealership.*
- *When connecting iPod with the iPod Power Cable, insert the connector to the multimedia socket completely. If not inserted completely, communications between iPod and audio may be interrupted.*
- *When adjusting the sound effects of the iPod and the audio system, the sound effects of both devices will overlap and might reduce or distort the quality of the sound.*

(Continued)

(Continued)

- *Deactivate (turn off) the equalizer function of an iPod when adjusting the audio system's volume, and turn off the equalizer of the audio system when using the equalizer of an iPod.*
- *When the iPod cable is connected, the system can be switched to AUX mode even without iPod device and may cause noise. Disconnect the iPod cable when you are not using the iPod device.*
- *When not using iPod with car audio, detach the iPod cable from iPod. Otherwise, iPod may remain in accessory mode, and may not work properly.*

Before driving / 5-3

Key / 5-4

Engine Start/Stop button / 5-7

Manual transmission / 5-12

Automatic transmission / 5-16

Brake system / 5-22

Cruise control system / 5-32

Economical operation / 5-36

Special driving conditions / 5-38

Winter driving / 5-42

Vehicle weight / 5-46

Driving your vehicle

5

Trailer towing / 5-47

E010000ABK

WARNING - ENGINE EXHAUST CAN BE DANGEROUS!

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

- **Do not inhale exhaust fumes.**

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

- **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 an authorized HYUNDAI dealer.



- **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.

- **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 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 " " or " " 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 DRIVING

E020100AUN

Before entering vehicle

- Be sure that all windows, outside mirror(s), and outside lights are clean.
- Check the condition of the tires.
- Check under the vehicle for any sign of leaks.
- Be sure there are no obstacles behind you if you intend to back up.

E020200AUN

Necessary inspections

Fluid levels, such as engine oil, engine coolant, brake fluid, and washer fluid should be checked on a regular basis, with the exact interval depending on the fluid. Further details are provided in section 7, "Maintenance".

E020300AUN

Before starting

- Close and lock all doors.
- Position the seat so that all controls are easily reached.
- Adjust the inside and outside rearview mirrors.
- Be sure that all lights work.
- Check all gauges.
- Check the operation of warning lights when the ignition switch is turned to the ON position.
- Release the parking brake and make sure the brake warning light goes out.

For safe operation, be sure you are familiar with your vehicle and its equipment.

WARNING

All passengers must be properly belted whenever the vehicle is moving. Refer to "Seat belts" in section 3 for more information on their proper use.

WARNING

Always check the surrounding areas near your vehicle for people, especially children, before putting a car into D (Drive) or R (Reverse).

WARNING - Driving under the influence of alcohol or drugs

Drinking and driving is dangerous. Drunk driving is the number one contributor to the highway death toll each year. Even a small amount of alcohol will affect your reflexes, perceptions and judgment. Driving while under the influence of drugs is as dangerous or more dangerous than driving drunk.

You are much more likely to have a serious accident if you drink or take drugs and drive.

If you are drinking or taking drugs, don't drive. Do not ride with a driver who has been drinking or taking drugs. Choose a designated driver or call a cab.

WARNING

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.

KEY



E030100AEN

Illuminated ignition switch

Whenever a front door is opened, the ignition switch will be illuminated for your convenience, provided the ignition switch is not in the ON position. The light will go off immediately when the ignition switch is turned on or go off after about 30 seconds when the door is closed.



Ignition switch position

E030201AUN

LOCK

The steering wheel locks to protect against theft. The ignition key can be removed only in the LOCK position. When turning the ignition switch to the LOCK position, push the key inward at the ACC position and turn the key toward the LOCK position.

E030202ABH

ACC (Accessory)

The steering wheel is unlocked and electrical accessories are operative.

*** NOTICE**

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.

E030203ABH

ON

The warning lights can be checked before the engine is started. This is the normal running position after the engine is started.

Do not leave the ignition switch ON if the engine is not running to prevent the battery from discharging.

E030204ABK

START

Turn the ignition switch to the START position to start the engine. The engine will crank until you release the key; then it returns to the ON position. The brake warning lamp can be checked in this position.

 WARNING - Ignition switch

- Never turn the ignition switch to LOCK or ACC while the vehicle is moving. This would result in loss of directional control and braking function, which could cause an accident.
- The anti-theft steering column lock is not a substitute for the parking brake. Before leaving the driver's seat, always make sure the shift lever is engaged in 1st gear for the manual transmission or P (Park) for the automatic transmission, set the parking brake fully and shut the engine off. Unexpected and sudden vehicle movement may occur if these precautions are not taken.

(Continued)

(Continued)

- Never reach for the ignition switch, or any other controls through the steering wheel while the vehicle is in motion. The presence of your hand or arm in this area could cause a loss of vehicle control, an accident and serious bodily injury or death.
- Do not place any movable objects around the driver's seat as they may move while driving, interfere with the driver and lead to an accident.

Starting the engine

E040000AUN

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 equipped).

E040100ABK

1. Make sure the parking brake is applied.
2. **Manual Transmission** - Depress the clutch pedal fully and shift the transmission into Neutral. Depress the brake and clutch pedal fully.
Automatic Transmission - Place the transmission shift lever in P (Park). Depress the brake pedal fully.
You can also start the engine when the shift lever is in the N (Neutral) position.
3. Turn the ignition switch to START and hold it there until the engine starts (a maximum of 10 seconds), then release the key.
4. In extremely cold weather (below -18°C / 0°F) or after the vehicle has not been operated for several days, let the engine warm up without depressing the accelerator.

*Whether the engine is cold or warm, it should be started **without depressing the accelerator.***

CAUTION

If the engine stalls while you are in motion, do not attempt to move the shift lever to the P (Park) position. If traffic and road conditions permit, you may put the shift lever in the N (Neutral) position while the vehicle is still moving and turn the ignition switch to the START position in an attempt to restart the engine.

CAUTION

Do not engage the starter for more than 10 seconds. If the engine stalls or fails to start, wait 5 to 10 seconds before re-engaging the starter. Improper use of the starter may damage it.

ENGINE START/STOP BUTTON



E030100ABH

Illuminated engine start/stop button (if equipped)

Whenever the front door is opened, the engine start/stop button will illuminate for your convenience. The light will go off immediately when the engine start/stop button turns to the ON position or go off after about 30 seconds when the door is closed.

Engine start/stop button position

E030701ABK

OFF

- **with manual transmission**

To turn off the engine, stop the vehicle then press the engine start/stop button with the engine start/stop button ON.

- **with automatic transmission**

To turn off the engine, press the engine start/stop button with the engine start/stop button ON and the shift lever in P(Park). When you press the engine start/stop button without the shift lever in P(Park), the engine start/stop button does not turn to the OFF position, but turns to the ACC position.

- **Steering lock system (if equipped)**

Also, the steering wheel locks when the engine start/stop button is in the OFF position to protect against theft.

It locks when the door is opened, when you pull out the smart key from the smart key holder, or when you lock the doors using the transmitter(or the smart key).

* NOTICE

- If difficulty is experienced turning the engine start/stop button to the ACC position, turn the steering wheel right and left to release the tension while pressing the engine start/stop button.
- When you turn off the engine, the vehicle should be stopped.

⚠ WARNING

In an emergency situation while the vehicle is moving, you can off the engine and turn the engine start/stop button to the ACC position by pressing the engine start/stop button for more than 2 seconds or 3 times successively within 3 seconds. If the vehicle is moving, you can restart the engine without pressing the brake pedal by pressing the engine start/stop button with the shift lever in N(Neutral).

E030202ABK

ACC(Accessory)

- **with manual transmission**

Press the engine start/stop button when the button is in the OFF position without depressing the clutch pedal.

- **with automatic transmission**

Press the engine start/stop button when the button is in the OFF position without depressing the brake pedal.

The steering wheel is unlocked and electrical accessories are operative.

If you leave the engine start/stop button in the ACC position for more than 1 hour, the engine is off automatically to prevent the battery from discharging.

E030203ABK

ON

- **with manual transmission**

Press the engine start/stop button when the button is in the ACC position without depressing the clutch pedal.

- **with automatic transmission**

Press the engine start/stop button when the button is in the ACC position without depressing the brake pedal.

The warning lights can be checked before the engine is started. Do not leave the button in the ON position if the engine is not running to prevent the battery from discharging.

E030704ABK

START

- **with manual transmission**

To start the engine, depress the clutch pedal and brake pedal, then press the engine start/stop button with the shift lever in the N(Neutral) position.

- **with automatic transmission**

To start the engine, depress the brake pedal and press the engine start/stop button with the shift lever in the P(Park) or the N (Neutral) position.

*** NOTICE**

- **If you press the engine start/stop button without depressing the clutch pedal on manual transmission vehicles or without depressing the brake pedal on automatic transmission vehicles, the engine does not start and the engine start/stop button changes as follow:**

OFF → ACC → ON → OFF

- **If you leave the engine start/stop button in the ACC or the ON position for a long time, the battery may be discharged.**

E030205ABH

⚠ WARNING

- Never press the ENGINE START/STOP button while the vehicle is in motion. This would result in loss of directional control and braking function, which could cause an accident.
- The anti-theft steering column lock is not a substitute for the parking brake. Before leaving the driver's seat, always make sure the shift lever is engaged in P (Park), set the parking brake fully and shut the engine off. Unexpected and sudden vehicle movement may occur if these precautions are not taken.

(Continued)

(Continued)

- Never reach for the engine start/stop button, or any other controls through the steering wheel while the vehicle is in motion. The presence of your hand or arm in this area could cause a loss of vehicle control, an accident and serious bodily injury or death.
- Do not place any movable objects around the driver's seat as they may move while driving, interfere with the driver and lead to an accident.

Starting the engine

E040000ABH

⚠ 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.

E040100ABK

1. Carry the smart key or leave it inside the vehicle.
2. Make sure the parking brake is firmly applied.
3. **Manual Transmission** - Depress the clutch pedal fully and shift the transmission into Neutral. Depress the brake and clutch pedal fully.
Automatic Transmission - Place the transmission shift lever in P (Park). Depress the brake pedal fully.
You can also start the engine when the shift lever is in the N (Neutral) position.
4. Press the engine start/stop button.
5. In extremely cold weather (below -18°C / 0°F) or after the vehicle has not been operated for several days, let the engine warm up without depressing the accelerator.
Whether the engine is cold or warm, it should be started without depressing the accelerator.

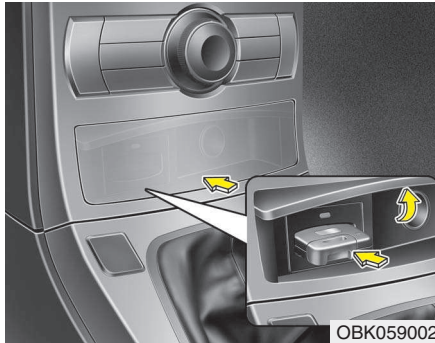
CAUTION

If the engine stalls while you are in motion, do not attempt to move the shift lever to the P (Park) position. If traffic and road conditions permit, you may put the shift lever in the N(Neutral) position while the vehicle is still moving and press the engine start/stop button in an attempt to restart the engine.

- Even if the smart key is in the vehicle, if it is far away from you, the engine may not start.
- When the engine start/stop button is in the ACC or ON position, if any door is open, the system checks for the smart key. If the smart key is not in the vehicle, and if all doors are closed, the chime will sound for about 5 seconds. Keep the smart key in the vehicle, when using the ACC position or if the vehicle engine is on.

WARNING

The engine will start by pressing the engine start/stop button, only when the smart key is in the vehicle. Never allow children or any person who is unfamiliar with the vehicle to touch the engine start/stop button or related parts.



* NOTICE

- If the battery is weak or the smart key does not work correctly, you can start the engine by inserting the smart key into the smart key holder. Push the cover to open the cover. To eject the smart key from the smart key holder, press the smart key inward passed the detent and then pull the key outward. While you don't use the smart key holder, close the cover.
- When the stop lamp fuse is blown on automatic transmission vehicles, you can't start the engine normally. Replace the fuse with a new one. If you are not able to replace the fuse, you can start the engine by pressing the engine start/stop button for 10 seconds with the engine start/stop button in the ACC.

⚠ CAUTION

- *Do not press the engine start/stop button for more than 5 seconds except when the stop lamp fuse is blown.*
- *When you eject the smart key from the smart key holder, press the smart key inward and pull it out. If you pull out the smart key forcibly without pushing the smart key, the smart key holder may be damaged and couldn't operate normally.*

MANUAL TRANSMISSION (IF EQUIPPED)



E050100ABK

Manual transmission operation

The manual transmission has 6 forward gears.

This shift pattern is imprinted on the shift knob. The transmission is fully synchronized in all forward gears so shifting to either a higher or a lower gear is easily accomplished.

Press the clutch pedal down fully while shifting, then release it slowly.

The gearshift lever must be returned to the neutral position before shifting into R (Reverse).

Make sure the vehicle is completely stopped before shifting into R (Reverse). Never operate the engine with the tachometer (rpm) in the red zone.

CAUTION

- **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.**
- **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 a downshifting may damage the engine.**
- **When shifting into 5th or 6th gear, press the shift lever to the right. Otherwise, the engine could be damaged by accidentally engaging 3rd or 4th gear.**

- During cold weather, shifting may be difficult until the transmission lubricant has warmed up. This is normal and not harmful to the transmission.
- 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.

 **CAUTION**

- *To avoid premature clutch wear and damage, do not drive with your foot resting on the clutch pedal. Also, don't use the clutch to hold the vehicle stopped on an uphill grade, while waiting for a traffic light, etc.*
- *Do not use the shift lever as a handrest during driving, as this can result in premature wear of the transmission shift forks.*

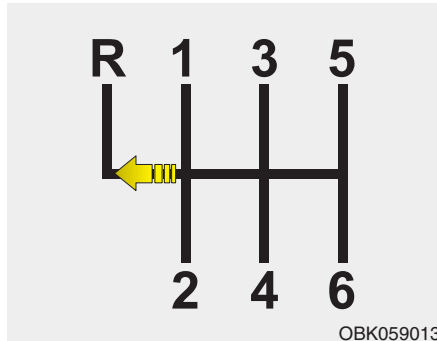
 **WARNING**

- **Before leaving the driver's seat, always set the parking brake fully and shut the engine off. Then make sure the transmission is shifted into 1st gear when the vehicle is parked on a level or uphill grade, and shifted into R (Reverse) on a downhill grade. Unexpected and sudden vehicle movement can occur if these precautions are not followed in the order identified.**
- **If your vehicle has a manual transmission not equipped with a ignition lock switch, it may move and cause a serious accident when starting the engine without depressing the clutch pedal while the parking brake is released and the shift lever not in the N (neutral) position.**

E050101AUN

Using the clutch

The clutch should be pressed all the way to the floor before shifting, then released slowly. The clutch pedal should always be fully released while driving. 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 foot brake or parking brake to hold the car on an incline. Do not operate the clutch pedal rapidly and repeatedly.



Shifting to R (Reverse)

This manual transmission is designed to shift to R(Reverse) or the 1st gear by using the different operation force when you shift to R(Reverse) or the 1st gear.

- R(Reverse) is located to the left side of the 1st gear.
- After stop the vehicle, push the shift lever to the left side of the 1st gear strongly then push the shift lever upward. The warning chime operates once.

CAUTION

- *If you shift to the 1st gear quickly, because of the immediate force, it is possible to shift to R (Reverse) instead of 1st gear.*
- *Before driving, check that the warning chime operates once, when you press the brake pedal and shift to R (Reverse). If the warning chime does not operate when you shift to R (Reverse), contact an authorized HYUNDAI dealer as soon as possible.*
- *Before driving you should learn how to shift to R (Reverse), to the 1st gear or the 2nd gear.*
- *Shift to R only when the vehicle is stationary. When the shift lever is pressed to the left, a slight resistance has to be overcome.*

E050102AUN

Downshifting

When you must slow down in heavy traffic or while driving up steep hills, downshift before the engine starts to labor. Downshifting reduces the chance of stalling and gives better acceleration when you again need to increase your speed. When the vehicle is traveling down steep hills, downshifting helps maintain safe speed and prolongs brake life.

E050200AUN

Good driving practices

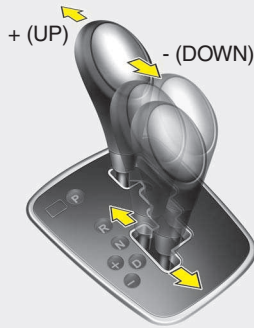
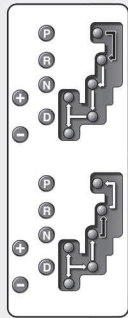
- Never take the car out of gear and coast down a hill. This is extremely hazardous. Always leave the car in gear.
- Don't "ride" the brakes. This can cause them to overheat and malfunction. Instead, when you are driving down a long hill, slow down and shift to a lower gear. When you do this, engine 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 transmission can be damaged if you do not. To shift into reverse, depress the clutch, move the shift lever to neutral, wait 3 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.

 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 TRANSMISSION



OBK059006

- ➔ Depress the brake pedal when shifting. (If your vehicle is installed shift lock system)
- ⇨ The selector lever can be shifted freely.

E060000AEN

E060100ABH

Automatic transmission operation

The automatic transmission has 5 (or 6) forward speeds and one reverse speed. The individual speeds are selected automatically, depending on the position of the shift lever.

* NOTICE

The first few shifts on a new vehicle, if the battery has been disconnected, may be somewhat abrupt. This is a normal condition, and the shifting sequence will adjust after shifts are cycled a few times by the TCM (Transmission Control Module) or PCM (Powertrain Control Module).

For smooth operation, depress the brake pedal when shifting from N (Neutral) to a forward or reverse gear.

⚠ WARNING - Automatic transmission

- Always check the surrounding areas near your vehicle for people, especially children, before shifting a car into D (Drive) or R (Reverse).
- Before leaving the driver's seat, always make sure the shift lever is in the P (Park) position; then set the parking brake fully and shut the engine off. Unexpected and sudden vehicle movement can occur if these precautions are not followed in the order identified.

⚠ CAUTION

- To avoid damage to your transmission, do not accelerate the engine in R (Reverse) or any forward gear position with the brakes on.
- When stopped on an incline, do not hold the vehicle stationary with engine power. Use the service brake or the parking brake.
- Do not shift from N (Neutral) or P (Park) into D (Drive), or R (Reverse) when the engine is above idle speed.

E060101ABK

Transmission ranges

The indicator in the instrument cluster displays the shift lever position when the ignition switch is in the ON position.

P (Park)

Always come to a complete stop before shifting into P (Park). This position locks the transmission and prevents the drive wheels from rotating.

⚠ WARNING

- Shifting into P (Park) while the vehicle is in motion will cause the drive wheels to lock which will cause you to lose control of the vehicle.
- Do not use the P (Park) position in place of the parking brake. Always make sure the shift lever is latched in the P (Park) position and set the parking brake fully.
- Never leave a child unattended in a vehicle.
- Before leaving the driver's seat, always make sure the shift lever is in the P (Park) position. Set the parking brake fully, shut the engine off and take the key with you. Unexpected and sudden vehicle movement can occur if you do not follow these precautions in the order specified.

⚠ CAUTION

The transmission may be damaged if you shift into P (Park) while the vehicle is in motion.

R (Reverse)

Use this position to drive the vehicle backward.

⚠ CAUTION

Always come to a complete stop before shifting into or out of R (Reverse); you may damage the transmission if you shift into R while the vehicle is in motion, except as explained in "Rocking the vehicle" in this section.

N (Neutral)

The wheels and transmission are not engaged. The vehicle will roll freely even on the slightest incline unless the parking brake or service brakes are applied.

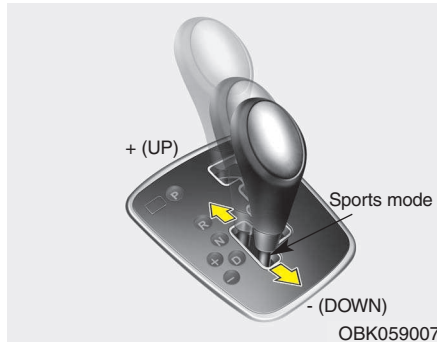
D (Drive)

This is the normal forward driving position. The transmission will automatically shift through a 5 (or 6)-gear sequence, providing the best fuel economy and power.

For extra power when passing another vehicle or climbing grades, depress the accelerator fully, at which time the transmission will automatically downshift to the next lower gear.

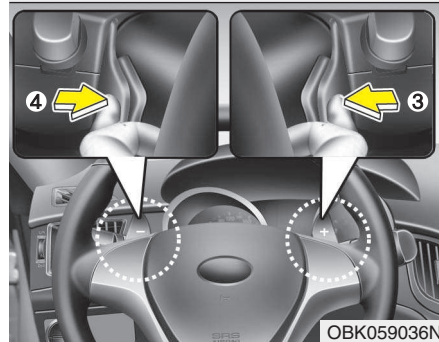
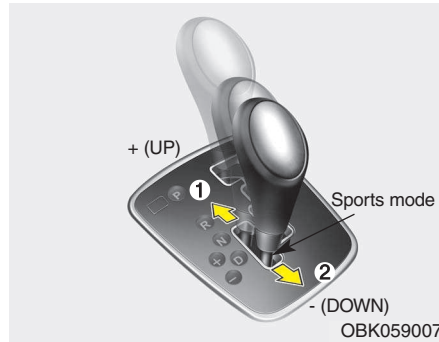
*** NOTICE**

Always come to a complete stop before shifting into D (Drive).



Sports mode

Whether the vehicle is stationary or in motion, sports mode is selected by pushing the shift lever from the D (Drive) position into the manual gate. To return to D (Drive) range operation, push the shift lever back into the main gate.



In sport mode, it is possible to shift the gear by using either the shift lever or the steering wheel shift paddles (paddle shift, if equipped).

Using the shift lever

Up (+) : Push the lever forward once to shift up one gear (1).

Down (-) : Pull the lever backwards once to shift down one gear (2).

Using the steering wheel shift paddles (if equipped)

Up (+) : Pull the right-hand shift paddle once to shift up one gear (3).

Down (-) : Pull the left-hand shift paddle once to shift down one gear (4).

* NOTICE

When the shift lever is in the P, N or R position, you can't shift the gear by using the steering wheel shift paddles.

In sports mode, if you pull the left and right hand shift paddles at the same time, you can't shift the gear.

*** NOTICE**

- In sports mode, the driver must execute upshifts in accordance with road conditions, taking care to keep the engine speed below the red zone.
- In sports mode, only the 5 (or 6) forward gears can be selected. To reverse or park the vehicle, move the shift lever to the R (Reverse) or P (Park) position as required.
- In sports mode, downshifts are made automatically when the vehicle slows down. When the vehicle stops, 1st gear is automatically selected.
- In sports mode, when the engine rpm approaches the red zone shift points are varied to upshift automatically.
- To maintain the required levels of vehicle performance and safety, the system may not execute certain gearshifts when the shift lever is operated.
- When driving on a slippery road, push the shift lever forward into the +(up) position. This causes the transmission to shift into the 2nd (or 3rd) gear which is better for smooth driving on a slippery road. Push the shift lever to the -(down) side to shift back to the 1st gear.

E060102ABH

Shift lock system (if equipped)

For your safety, the automatic transmission has a shift lock system which prevents shifting the transmission from P (Park) or N (Neutral) into R (Reverse) unless the brake pedal is depressed.

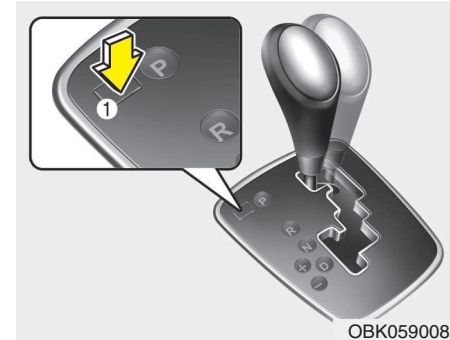
To shift the transmission from P (Park) or N (Neutral) into R (Reverse):

1. Depress and hold the brake pedal.
2. Start the engine or turn the ignition switch to the ON position.
3. Move the shift lever.

If the brake pedal is repeatedly depressed and released with the shift lever in the P (Park) position, a chattering noise near the shift lever may be heard. This is a normal condition.

⚠ 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.

**Shift-lock override**

If the shift lever cannot be moved from the P (Park) or N (Neutral) position into R (Reverse) position with the brake pedal depressed, continue depressing the brake, then do the following:

1. Press the shift-lock release button (1).
2. Move the shift lever.
3. Have your vehicle inspected by an authorized HYUNDAI dealer immediately.

E060103AUN

Ignition key interlock system (if equipped)

The ignition key cannot be removed unless the shift lever is in the P (Park) position. If the ignition switch is in any other position, the key cannot be removed.

E060200ABH

Good driving practices

- Never move the shift lever from P (Park) or N (Neutral) to any other position with the accelerator pedal depressed.
- Never move the shift lever into P (Park) when the vehicle is in motion.
- Be sure the car is completely stopped before you attempt to shift into R (Reverse) or D (Drive).
- 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 transmission in P (Park) 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.

⚠ 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.

⚠ 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 or backward as it becomes unstuck, causing injury or damage to nearby people or objects.

E060203AUN

Moving up a steep grade from a standing start

To move up a steep grade from a standing start, depress the brake pedal, shift the shift lever to D (Drive). Select the appropriate gear depending on load weight and steepness of the grade, and release the parking brake. Depress the accelerator gradually while releasing the service brakes.

BRAKE SYSTEM

E070100AUN

Power brakes

Your vehicle has power-assisted brakes that adjust automatically through normal usage.

In the event that the power-assisted brakes lose power because of a stalled engine or some other reason, you can still stop your vehicle by applying greater force to the brake pedal than you normally would. The stopping distance, however, will be longer.

When the engine is not running, the reserve brake power is partially depleted each time the brake pedal is applied. Do not pump the brake pedal when the power assist has been interrupted.

Pump the brake pedal only when necessary to maintain steering control on slippery surfaces.

WARNING - Brakes

- **Do not drive with your foot resting on the brake pedal. This will create abnormal high brake temperatures, excessive brake lining and pad wear, and increased stopping distances.**
- **When descending a long or steep hill, shift to a lower gear and avoid continuous application of the brakes. Continuous brake application will cause the brakes to overheat and could result in a temporary loss of braking performance.**
- **Wet brakes may impair the vehicle's ability to safely slow down; the vehicle may also pull to one side when the brakes are applied. Applying the brakes lightly will indicate whether they have been affected in this way. Always test your brakes in this fashion after driving through deep water. To dry the brakes, apply them lightly while maintaining a safe forward speed until brake performance returns to normal.**

E070101AUN

In the event of brake failure

If service brakes fail to operate while the vehicle is in motion, you can make an emergency stop with the parking brake. The stopping distance, however, will be much greater than normal.

WARNING - Parking brake

Applying the parking brake while the vehicle is moving at normal speeds can cause a sudden loss of control of the vehicle. If you must use the parking brake to stop the vehicle, use great caution in applying the brake.

E070102AUN

Disc brakes wear indicator

Your vehicle has disc brakes.

When your brake pads are worn and new pads are required, you will hear a high-pitched warning sound from your front brakes or rear brakes. You may hear this sound come and go or it may occur whenever you depress the brake pedal.

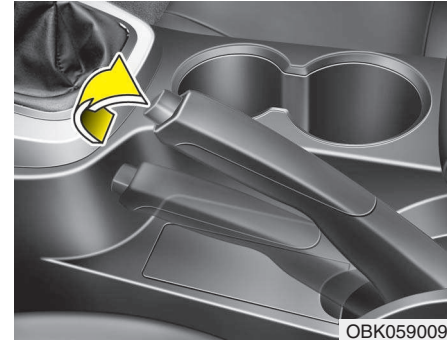
Please remember that some driving conditions or climates may cause a brake squeal when you first apply (or lightly apply) the brakes. This is normal and does not indicate a problem with your brakes.

⚠ CAUTION

- **To avoid costly brake repairs, do not continue to drive with worn brake pads.**
- **Always replace brake pads as complete front or rear axle sets.**

⚠ WARNING - Brake wear

This brake wear warning sound means your vehicle needs service. If you ignore this audible warning, you will eventually lose braking performance, which could lead to a serious accident.

**Parking brake**

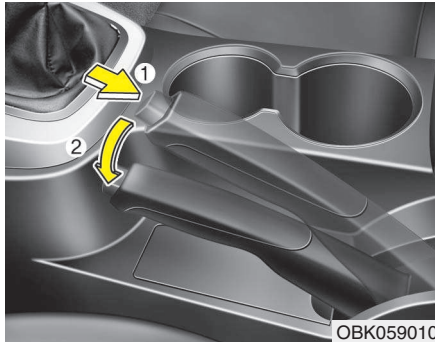
E070201ABK

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 transmission vehicles or in the P (Park) position on automatic transmission vehicles.

⚠ CAUTION

Driving with the parking brake applied will cause excessive brake pad and brake rotor wear.



E070202AFD

Releasing the parking brake

To release the parking brake, first apply the foot brake and pull up the parking brake lever slightly. Secondly depress the release button (1) and lower the parking brake lever (2) while holding the button.

⚠ WARNING

- To prevent unintentional movement when stopped and leaving the vehicle, do not use the gearshift lever in place of the parking brake. Set the parking brake AND make sure the gearshift lever is securely positioned in 1st (First) gear or R (Reverse) for manual transmission equipped vehicles and in P (Park) for automatic transmission equipped vehicles.
- Never allow anyone who is unfamiliar with the vehicle to touch the parking brake. If the parking brake is released unintentionally, serious injury may occur.
- 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.



W-75

Check the brake warning light by turning the ignition switch ON (do not start the engine). This light will be illuminated when the parking brake is applied with the ignition switch in the START or ON position.

Before driving, be sure the parking brake is fully released and the brake warning light is off.

If the brake warning light remains on after the parking brake is released while engine is running, there may be a malfunction in the brake system. Immediate attention is necessary.

If at all possible, cease driving the vehicle immediately. If that is not possible, use extreme caution while operating the vehicle and only continue to drive the vehicle until you can reach a safe location or repair shop.

E070300AEN-EE

Anti-lock brake system (ABS)**⚠ WARNING**

ABS (or ESP) 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 (or Electronic Stability Program system) may be longer than for those without it in the following road conditions.

During these conditions the vehicle should be driven at reduced speeds:

- Rough, gravel or snow-covered roads.
- With tire chains installed.

(Continued)

(Continued)

- On roads where the road surface is pitted or has different surface height.

The safety features of an ABS (or ESP) equipped vehicle should not be tested by high speed driving or cornering. This could endanger the safety of yourself or others.

The ABS continuously senses the speed of the wheels. If the wheels are going to lock, the ABS system repeatedly modulates the hydraulic brake pressure to the wheels.

When you apply your brakes under conditions which may lock the wheels, you may hear a “tik-tik” sound from the brakes, or feel a corresponding sensation in the brake pedal. This is normal and it means your ABS is active.

In order to obtain the maximum benefit from your ABS in an emergency situation, do not attempt to modulate your brake pressure and do not try to pump your brakes. Press your brake pedal as hard as possible or as hard as the situation warrants and allow the ABS to control the force being delivered to the brakes.

* NOTICE

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.

- Even with the anti-lock brake system, your vehicle still requires sufficient stopping distance. Always maintain a safe distance from the vehicle in front of you.
- Always slow down when cornering. The anti-lock brake system cannot prevent accidents resulting from excessive speeds.
- On loose or uneven road surfaces, operation of the anti-lock brake system may result in a longer stopping distance than for vehicles equipped with a conventional brake system.



⚠ CAUTION

- *If the ABS warning light is on and stays on, you may have a problem with the ABS. In this case, however, your regular brakes will work normally.*
- *The ABS warning light will stay on for approximately 3 seconds after the ignition switch is ON. During that time, the ABS will go through self-diagnosis and the light will go off if everything is normal. If the light stays on, you may have a problem with your ABS. Contact an authorized HYUNDAI dealer as soon as possible.*

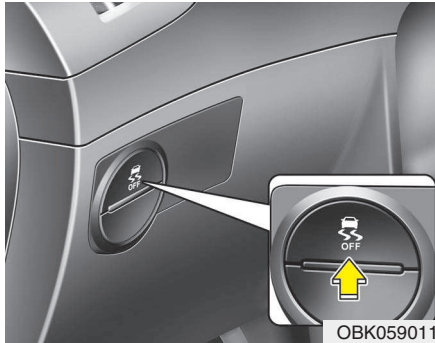
⚠ CAUTION

- *When you drive on a road having poor traction, such as an icy road, and operate your brakes continuously, the ABS will be active continuously and the ABS warning light may illuminate. Pull your car over to a safe place and stop the engine.*
- *Restart the engine. If the ABS warning light is off, then your ABS system is normal. Otherwise, you may have a problem with the ABS. Contact an authorized HYUNDAI dealer as soon as possible.*

* NOTICE

When you jump start your vehicle because of a drained battery, the engine may not run as smoothly and the ABS warning light may turn on at the same time. This happens because of the low battery voltage. It does not mean your ABS is malfunctioning.

- Do not pump your brakes!
- Have the battery recharged before driving the vehicle.



OBK059011

E070500AUN-EE

Electronic stability program (ESP) (If equipped)

The Electronic Stability Program (ESP) system is designed to stabilize the vehicle during cornering maneuvers. ESP checks where you are steering and where the vehicle is actually going. ESP applies the brakes at individual wheels and intervenes in the engine management system to stabilize the vehicle.

⚠ WARNING

Never drive too fast for the road conditions or too quickly when cornering. Electronic stability program (ESP) will not prevent accidents. Excessive speed in turns, abrupt maneuvers and hydroplaning on wet surfaces can still result in serious accidents. Only a safe and attentive driver can prevent accidents by avoiding maneuvers that cause the vehicle to lose traction. Even with ESP installed, always follow all the normal precautions for driving - including driving at safe speeds for the conditions.

The Electronic Stability Program (ESP) system is an electronic system designed to help the driver maintain vehicle control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether ESP will be effective in preventing a loss of control. It is still your responsibility to drive and corner at reasonable speeds and to leave a sufficient margin of safety.

When you apply your brakes under conditions which may lock the wheels, you may hear a “tik-tik” sound from the brakes, or feel a corresponding sensation in the brake pedal. This is normal and it means your ESP is active.

*** NOTICE**





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 Electronic Stability Program System is functioning properly.

E070501AUN-EE

ESP operation


ESP ON condition



- When the ignition is turned ON, ESP and ESP OFF indicator lights illuminate for approximately 3 seconds, then ESP is turned on.
- Press the ESP OFF button  for at least half a second after turning the ignition ON to turn ESP off. (ESP OFF indicator  will illuminate). To turn the ESP on, press the ESP OFF button  (ESP OFF indicator light  will go off).
- When starting the engine, you may hear a slight ticking sound. This is the ESP performing an automatic system self-check and does not indicate a problem.

When operating



When the ESP is in operation, ESP indicator light  blinks.



- When the Electronic Stability Program is operating properly, you can feel a slight pulsation in the vehicle. This is only the effect of brake control and indicates nothing unusual.
- When moving out of the mud or slippery road, pressing the accelerator pedal may not cause the engine rpm (revolutions per minute) to increase.

E070502ABH

ESP operation off





ESP OFF state



- To cancel ESP operation, press the ESP OFF button  for more than 0.5 second. (ESP OFF indicator light  illuminates).
- If the engine stops when ESP is off, ESP remains off. Upon restarting the engine, the ESP will automatically turn on again.




D150323ABK-EE

ESP indicator (Electronic Stability Program)

The ESP indicator  will illuminate when the ignition switch is turned ON, but should go off after approximately 3 seconds. When the ESP is on, it monitors the driving conditions and under normal driving conditions, the ESP indicator  will remain off. When a slippery or low traction condition is encountered, the ESP will operate, and the ESP indicator  will blink to indicate the ESP is operating. If ESP indicator  illuminates the ESP may have a malfunction. Take your car to an authorized HYUNDAI dealer and have the system checked.

D150324AEN-EE

ESP OFF indicator

The ESP OFF indicator  will illuminate when the ignition switch is turned ON, but should go off after approximately 3 seconds. To switch to ESP OFF mode, press the ESP OFF button . The ESP OFF indicator  will illuminate indicating the ESP is deactivated. If you use the parking brake to stop the vehicle with the ESP system in the stand-by position when the brake is not work normally, the ESP system may be stop operation and ESP OFF indicator may be illuminated for about 5 minutes.

CAUTION

Do not use the parking brake to stop the vehicle except in an emergency situation.

CAUTION

Driving with varying tire or wheel sizes may cause the ESP system to malfunction. When replacing tires, make sure they are the same size as your original tires.


WARNING



The Electronic Stability Program system is only a driving aid; use precautions for safe driving by slowing down on curved, snowy, or icy roads. Drive slowly and don't attempt to accelerate whenever the ESP indicator light is blinking, or when the road surface is slippery.

E070504ABH-EE

ESP OFF usage


When driving

- ESP should be turned on for daily driving whenever possible. If ESP is turned off, it is difficult to make a turn or drive up a hill.
- To turn ESP off while driving, press the ESP OFF button  while driving on a flat road surface.

Never press the ESP OFF button  while ESP is operating (ESP indicator light  blinks).

If ESP is turned off while ESP is operating, it may be very dangerous because of unexpected vehicle slip.


*** NOTICE**

- When operating the vehicle on a dynamometer, ensure that the ESP is turned off (ESP OFF light  illuminated). If the ESP is left on, it may prevent the vehicle speed from increasing, and result in false diagnosis.
- Turning the ESP off does not affect ABS or brake system operation.

⚠ WARNING

Never press the ESP OFF button  while ESP is operating.

If the ESP is turned off while ESP is operating, the vehicle may go out of control.

To turn ESP off while driving, press the ESP OFF button  while driving on a flat road surface.

E070600BFD

Good braking practices

⚠ WARNING

- Whenever leaving vehicle or parking, always set the parking brake as far as possible and fully engage the vehicle's transmission 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.

- After parking the vehicle, 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 an authorized 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 transmission, 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 shift lever in P. 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.
- 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 shift lever in P (automatic transmission), or in first or reverse gear (manual transmission) 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 transmission to overheat. Always use the brake pedal or parking brake.

CRUISE CONTROL SYSTEM (IF EQUIPPED)

E090000ABH

The cruise control system allows you to program the vehicle to maintain a constant speed without pressing the accelerator pedal.

This system is designed to function above approximately 40 km/h (25 mph) and below approximately 180 km/h (113 mph).

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.

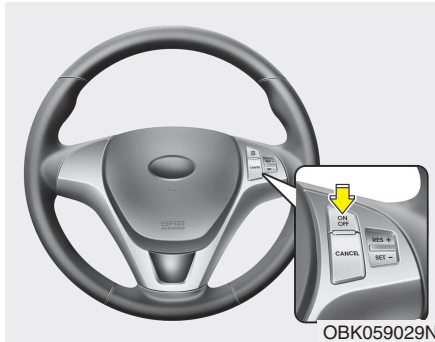
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- Do not use the cruise control when it may not be safe to keep the car at a constant speed, for instance, driving in heavy or varying traffic, or on slippery (rainy, icy or snow-covered) or winding roads or over 6% up-hill or down-hill roads.
- Pay particular attention to the driving conditions whenever using the cruise control system.
- Be careful when driving downhill using the cruise control system, which may increase the vehicle speed.

* NOTICE

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.



E090100ABK

To set cruise control speed:

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 40 km/h (25 mph) and less than 180 km/h (113 mph).



3. Move the lever (1) down (to SET-), and release it at the desired speed. The SET indicator light in the instrument cluster will illuminate. Release the accelerator pedal. The desired speed will automatically be maintained.

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



E090200ABK

To increase cruise control set speed:

Follow either of these procedures:

- Move the lever (1) up (to RES+) and hold it. Your vehicle will accelerate. Release the lever at the speed you want.
- Move the lever (1) up (to RES+) and release it immediately. The cruising speed will increase by 2.0 km/h (1.2 mph) or 1.0 mph (1.6 km/h) each time you move the lever up (to RES+) in this manner.



OBK059031N

E090300ABK

To decrease the cruising speed:

Follow either of these procedures:

- Move the lever (1) down (to SET-) and hold it. Your vehicle will gradually slow down. Release the lever at the speed you want to maintain.
- Move the lever (1) down (to SET-) and release it immediately. The cruising speed will decrease by 2.0 km/h (1.2 mph) or 1.0 mph (1.6 km/h) each time you move the lever down (to SET-) in this manner.

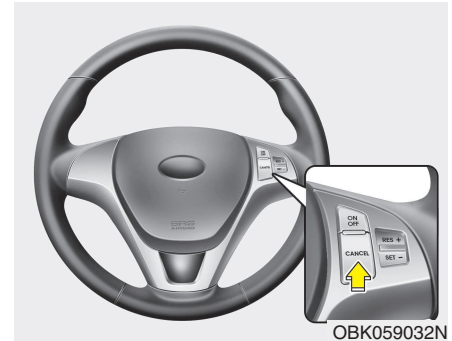
E090400ABK

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.

If you move the lever down (to SET-) at increased speed, the cruising speed will be set again.



OBK059032N

E090500ABK

To cancel cruise control, do one of the following:

- Press the brake pedal.
- Shift the shift lever into N (Neutral) with an automatic transmission.
- Press the CANCEL switch located on the steering wheel.
- Decrease the vehicle speed lower than the memory speed by 15 km/h (9 mph).
- Decrease the vehicle speed to less than approximately 32 km/h (20 mph).
- Increase the vehicle speed to more than approximately 200 km/h (125 mph).

- Operate the parking brake. Do not operate the parking brake while driving except in an emergency situation.

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, move the lever up (to RES+). You will return to your previously preset speed.



E090600ABH

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

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 you move the lever (1) up (to RES+).

It will not resume, however, if the vehicle speed has dropped below approximately 40 km/h (25 mph).

E090700ABH

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 engine 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.

ECONOMICAL OPERATION

E100000AUN

Your vehicle's fuel economy depends mainly on your style of driving, where you drive and when you drive.

Each of these factors affects how many miles (kilometers) you can get from a gallon (liter) of fuel. To operate your vehicle as economically as possible, use the following driving suggestions to help save money in both fuel and repairs:

- 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 7. If you drive your car in severe conditions, more frequent maintenance is required (see section 7 for details).
- Keep your car clean. For maximum service, your vehicle 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 vehicle 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.
 - Open windows at high speeds can reduce fuel economy.
 - Fuel economy is less in crosswinds and headwinds. To help offset some of this loss, slow down when driving in these conditions.
- Keeping a vehicle in good operating condition is important both for economy and safety. Therefore, have an authorized HYUNDAI dealer perform scheduled inspections and maintenance.

 **WARNING - Engine off during motion**

Never turn the engine off to coast down hills or anytime the vehicle is in motion. The power steering and power brakes will not function properly without the engine running. Instead, keep the engine on and downshift to an appropriate gear for engine braking effect. In addition, turning off the ignition while driving could engage the steering wheel lock resulting in loss of vehicle steering which could cause serious injury or death.

SPECIAL DRIVING CONDITIONS



E110100ABH

Hazardous driving conditions

When hazardous driving conditions are encountered such as water, snow, ice, mud, sand, or similar hazards, follow these suggestions:

- Drive cautiously and allow extra distance for braking.
- Avoid sudden movements in braking or steering.
- When braking with non-ABS brakes pump the brake pedal with a light up-and-down motion until the vehicle is stopped.

⚠ WARNING - ABS

Do not pump the brake pedal on a vehicle equipped with ABS.

- If stalled in snow, mud, or sand, use second gear. Accelerate slowly to avoid spinning the drive wheels.
- Use sand, rock salt, tire chains, or other non-slip material under the drive wheels to provide traction when stalled in ice, snow, or mud.

⚠ WARNING - Downshifting

Downshifting with an automatic transmission, while driving on slippery surfaces can cause an accident. The sudden change in tire speed could cause the tires to skid. Be careful when downshifting on slippery surfaces.

E110200ATQ

Rocking the vehicle

If it is necessary to rock the vehicle to free it from snow, sand, or mud, first turn the steering wheel right and left to clear the area around your drive wheels. Then, shift back and forth between R (Reverse) and any forward gear in vehicles equipped with an automatic transmission. Do not race the engine, and spin the wheels as little as possible. If you are still stuck after a few tries, have the vehicle pulled out by a tow vehicle to avoid engine overheating and possible damage to the transmission

⚠ CAUTION

Prolonged rocking may cause engine over-heating, transmission damage or failure, and tire damage.

⚠ WARNING - Spinning tires

Do not spin the wheels, especially at speeds more than 56 km/h (35 mph). Spinning the wheels at high speeds when the vehicle is stationary could cause a tire to overheat which could result in tire damage that may injure bystanders.

*** NOTICE**

The ESP system should be turned OFF prior to rocking the vehicle.

⚠ 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 or backward as it becomes unstuck, causing injury or damage to nearby people or objects.



OBK059020N

E110300AUN

Smooth cornering

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.



OBK059021

E110400ABH

Driving at night

Because night driving presents more hazards than driving in the daylight, here are some important tips to remember:

- Slow down and keep more distance between you and other vehicles, as it may be more difficult to see at night, especially in areas where there may not be any street lights.

- Adjust your mirrors to reduce the glare from other driver's headlights.
- Keep your headlights clean and properly aimed on vehicles not equipped with the automatic headlight aiming feature. Dirty or improperly aimed headlights will make it much more difficult to see at night.
- Avoid staring directly at the headlights of oncoming vehicles. You could be temporarily blinded, and it will take several seconds for your eyes to readjust to the darkness.



E110500AUN

Driving in the rain

Rain and wet roads can make driving dangerous, especially if you're not prepared for the slick pavement. Here are a few things to consider when driving in the rain:

- A heavy rainfall will make it harder to see and will increase the distance needed to stop your vehicle, so slow down.
- Keep your windshield wiping equipment in good shape. Replace your windshield wiper blades when they show signs of streaking or missing areas on the windshield.

- If your tires are not in good condition, making a quick stop on wet pavement can cause a skid and possibly lead to an accident. Be sure your tires are in good shape.
- Turn on your headlights to make it easier for others to see you.
- Driving too fast through large puddles can affect your brakes. If you must go through puddles, try to drive through them slowly.
- If you believe you may have gotten your brakes wet, apply them lightly while driving until normal braking operation returns.

E110600AUN

Driving in flooded areas

Avoid driving through flooded areas unless you are sure the water is no higher than the bottom of the wheel hub. Drive through any water slowly. Allow adequate stopping distance because brake performance may be affected.

After driving through water, dry the brakes by gently applying them several times while the vehicle is moving slowly.



E110700ABH

Highway driving

Tires

Adjust the tire inflation pressures to specification. 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.

* NOTICE

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

⚠ 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 for proper inflation before driving. For proper tire pressures, refer to “Tires and wheels” in section 8.
- 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 the tire tread before driving your car. For further information and tread limits, refer to “Tires and wheels” in section 7.

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.

Drive belt

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

WINTER DRIVING



OBK059025

E120000ABH

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

E120100ABK

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 of 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.

* NOTICE

Tire chains are not legal in all countries. Check the country laws before fitting tire chains.

⚠ CAUTION

If your vehicle is equipped with the summer tire for the best driving performance on the dry street, its performance is low, so when driving on the rain and wet roads, replace the tires by snow tires or all season tires.

E120101AUN

Snow tires

If you mount snow tires on your vehicle, make sure they are radial tires of the same size and load range as the original tires. Mount snow tires on all four wheels to balance your vehicle's handling in all weather conditions. Keep in mind that the traction provided by snow tires on dry roads may not be as high as your vehicle's original equipment tires. You should drive cautiously even when the roads are clear. Check with the tire dealer for maximum speed recommendations.

⚠ WARNING - Snow tire size
Snow tires should be equivalent in size and type to the vehicle's standard tires. Otherwise, the safety and handling of your vehicle may be adversely affected.

Do not install studded tires without first checking local, state and municipal regulations for possible restrictions against their use.



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E120102ABH

Tire chains

Since the sidewalls of radial tires are thinner, they can be damaged by mounting some types of snow chains on them. Therefore, the use of snow tires is recommended instead of snow chains. Do not mount tire chains on vehicles equipped with aluminum wheels; snow chains may cause damage to the wheels. If snow chains must be used, use wire-type chains with a thickness of less than 12 mm (0.47 in). Damage to your vehicle caused by improper snow chain use is not covered by your vehicle manufacturer's warranty.

Install tire chains only on the rear tires.

⚠ CAUTION

- ***Make sure the snow chains are the correct size and type for your tires. Incorrect snow chains can cause damage to the vehicle body and suspension and may not be covered by your vehicle manufacturer warranty. Also, the snow chain connecting hooks may be damaged from contacting vehicle components causing the snow chains to come loose from the tire. Make sure the snow chains are SAE class "S" certified.***
- ***Always check chain installation for proper mounting after driving approximately 0.5 to 1 km (0.3 to 0.6 miles) to ensure safe mounting. Retighten or remount the chains if they are loose.***

Chain installation

When installing chains, follow the manufacturer's instructions and mount them as tightly as you can. Drive slowly with chains installed. If you hear the chains contacting the body or chassis, stop and tighten them. If they still make contact, slow down until it stops. Remove the chains as soon as you begin driving on cleared roads.

⚠ WARNING

- Mounting chains

When mounting snow chains, park the vehicle on level ground away from traffic. Turn on the vehicle Hazard Warning flashers and place a triangular emergency warning device behind the vehicle if available. Always place the vehicle in P (Park), apply the parking brake and turn off the engine before installing snow chains.

WARNING - Tire chains

- The use of chains may adversely affect vehicle handling.
- Do not exceed 30 km/h (20 mph) or the chain manufacturer's recommended speed limit, whichever is lower.
- Drive carefully and avoid bumps, holes, sharp turns, and other road hazards, which may cause the vehicle to bounce.
- Avoid sharp turns or locked-wheel braking.

CAUTION

- *Chains that are the wrong size or improperly installed can damage your vehicle's brake lines, suspension, body and wheels.*
- *Stop driving and retighten the chains any time you hear them hitting the vehicle.*

E120200AUN

Use high quality ethylene glycol coolant

Your vehicle 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 7. Before winter, have your coolant tested to assure that its freezing point is sufficient for the temperatures anticipated during the winter.

E120300AEN

Check battery and cables

Winter puts additional burdens on the battery system. Visually inspect the battery and cables as described in section 7. The level of charge in your battery can be checked by an authorized HYUNDAI dealer or a service station.

E120400ABH

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 8 for recommendations. If you aren't sure what weight oil you should use, consult an authorized HYUNDAI dealer.

E120500AUN

Check spark plugs and ignition system

Inspect your spark plugs as described in section 7 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.

E120600AUN

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.

E120700AEN

Use approved window washer anti-freeze in system

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

E120800ABH

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 there is a risk the parking brake may freeze, apply it only temporarily while you put the gear shift lever in P and block the rear wheels so the car cannot roll. Then release the parking brake.

E120900AUN

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.

E121000AUN

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.

VEHICLE WEIGHT

E160000ABH

This section will guide you in the proper loading of your vehicle, to keep your loaded vehicle weight within its design rating capability. Properly loading your vehicle will provide maximum return of the vehicle design performance. Before loading your vehicle, familiarize yourself with the following terms for determining your vehicle's weight ratings, from the vehicle's specifications and the certification label:

E160100AUN

Base curb weight

This is the weight of the vehicle including a full tank of fuel and all standard equipment. It does not include passengers, cargo, or optional equipment.

E160200AUN

Vehicle curb weight

This is the weight of your new vehicle when you picked it up from your dealer plus any aftermarket equipment.

E160300AUN

Cargo weight

This figure includes all weight added to the Base Curb Weight, including cargo and optional equipment.

E160400AUN

GAW (Gross axle weight)

This is the total weight placed on each axle (front and rear) - including vehicle curb weight and all payload.

E160500AUN

GAWR (Gross axle weight rating)

This is the maximum allowable weight that can be carried by a single axle (front or rear). These numbers are shown on the certification label.

The total load on each axle must never exceed its GAWR.

E160600AUN

GVW (Gross vehicle weight)

This is the Base Curb Weight plus actual Cargo Weight plus passengers.


E160700AUN

GVWR (Gross vehicle weight rating)

This is the maximum allowable weight of the fully loaded vehicle (including all options, equipment, passengers and cargo). The GVWR is shown on the certification label located on the driver's (or front passenger's) door sill.

E160800AUN

Overloading

 **WARNING - Vehicle weight**
The gross axle weight rating (GAWR) and the gross vehicle weight rating (GVWR) for your vehicle are on the certification label attached to the driver's (or front passenger's) door. Exceeding these ratings can cause an accident or vehicle damage. You can calculate the weight of your load by weighing the items (and people) before putting them in the vehicle. Be careful not to overload your vehicle.

TRAILER TOWING

E140000ABH

We do not recommend using this vehicle for trailer towing.

Road warning / 6-2

In case of an emergency while driving / 6-2

If the engine will not start / 6-3

Emergency starting / 6-4

If the engine overheats / 6-6

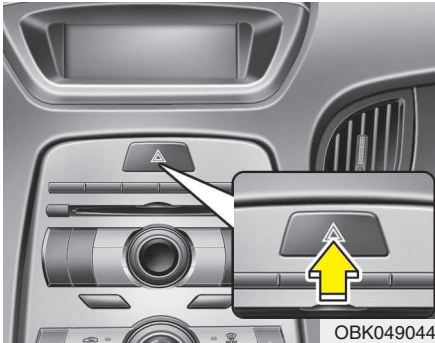
If you have a flat tire / 6-7

Towing / 6-15

Emergency commodity / 6-19

What to do in an emergency

ROAD WARNING



F010100AUN

Hazard warning flasher

The hazard warning flasher serves as a warning to other drivers to exercise extreme caution when approaching, overtaking, or passing your vehicle.

It should be used whenever emergency repairs are being made or when the vehicle is stopped near the edge of a roadway.

Depress the flasher switch with the ignition switch in any position. The flasher switch is located in the center console switch panel. All turn signal lights will flash simultaneously.

- The hazard warning flasher operates whether your vehicle is running or not.
- The turn signals do not work when the hazard flasher is on.
- Care must be taken when using the hazard warning flasher while the vehicle is being towed.

IN CASE OF AN EMERGENCY WHILE DRIVING

F020100ABK

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.

F020200ABK

If you have a flat tire while driving

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 transmission in P (automatic transmission) or reverse (manual transmission).
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 instruction provided later in this section.

F020300AEN

If 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 an authorized HYUNDAI dealer or seek other qualified assistance.

IF THE ENGINE WILL NOT START

F030100ABK

If engine doesn't turn over or turns over slowly

1. If your vehicle has an automatic transmission, be sure the gear selector lever is in N(Neutral) or P(Park) 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".

⚠ WARNING

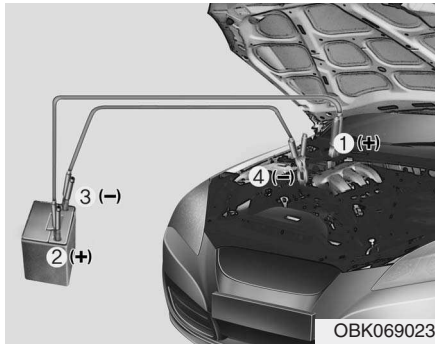
If the engine will not start, do not push or pull the car to start it. This could result in a collision or cause other damage.

F030200ABH

If the engine turns over normally but does not start

1. Check fuel level.
2. With the ignition switch in the LOCK position, check all connectors at the ignition coils and spark plugs. Reconnect any that may be disconnected or loose.
3. If the engine still does not start, call an authorized HYUNDAI dealer or seek other qualified assistance.

EMERGENCY STARTING



F040000AUN

Connect cables in numerical order and disconnect in reverse order.

F040100AEN

Jump starting

Jump starting can be dangerous if done incorrectly. Therefore, to avoid harm to yourself or damage to your vehicle or battery, follow the jump starting procedures. If in doubt, we strongly recommend that you have a competent technician or towing service jump start your vehicle.

⚠ CAUTION

Use only a 12-volt jumper system. You can damage a 12-volt starting motor, ignition system, and other electrical parts beyond repair by use of a 24-volt power supply (either two 12-volt batteries in series or a 24-volt motor generator set).

⚠ WARNING - Battery

Never attempt to check the electrolyte level of the battery as this may cause the battery to rupture or explode causing serious injury.

⚠ WARNING - Battery

- Keep all flames or sparks away from the battery. The battery produces hydrogen gas which may explode if exposed to flame or sparks.

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.

- Do not attempt to jump start the vehicle if the discharged battery is frozen or if the electrolyte level is low; the battery may rupture or explode.

F040101ABK

Jump starting procedure

1. Make sure the booster battery is 12-volt and that its negative terminal is grounded.
2. If the booster battery is in another vehicle, do not allow the vehicles to touch.
3. Turn off all unnecessary electrical loads.
4. Connect the jumper cables in the exact sequence shown in the illustration. First connect one end of a jumper cable to the positive terminal of the discharged battery (1), then connect the other end to the positive terminal on the booster battery (2).

Proceed to connect one end of the other jumper cable to the negative terminal of the booster battery (3), then the other end to a solid, stationary, metallic point (for example, the engine lifting bracket) away from the battery (4). Do not connect it to or near any part that moves when the engine is cranked.

Do not allow the jumper cables to contact anything except the correct battery terminals or the correct ground. Do not lean over the battery when making connections.



CAUTION - Battery cables

Do not connect the jumper cable from the negative terminal of the booster battery to the negative terminal of the discharged battery. This can cause the discharged battery to overheat and crack, releasing battery acid.

5. Start the engine of the vehicle with the booster battery and let it run at 2,000 rpm, then start the engine of the vehicle with the discharged battery.

If the cause of your battery discharging is not apparent, you should have your vehicle checked by an authorized HYUNDAI dealer.

F040200ABK

Push-starting

Your manual transmission-equipped vehicle should not be push-started because it might damage the emission control system.

Vehicles equipped with automatic transmission cannot be push-started.

Follow the directions in this section for jump-starting.



WARNING

Never tow a vehicle to start it because the sudden surge forward when the engine starts could cause a collision with the tow vehicle.

IF THE ENGINE OVERHEATS

F050000ABK

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 shift lever in P (automatic transmission) or neutral (manual transmission) and set the parking brake. If the air conditioning is on, turn it off.
3. If engine 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 engine 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 conditioning had been in use, it is normal for cold water to be draining from it when you stop).

WARNING

While the engine is running, keep hair, hands 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 engine coolant is leaking out, stop the engine immediately and call the nearest authorized HYUNDAI dealer for assistance.

WARNING

Do not remove the radiator cap when the engine is hot. This can 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 coolant to the reservoir 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 an authorized 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 an authorized HYUNDAI dealer.

IF YOU HAVE A FLAT TIRE



OBK069001A

F070100ABH

Jack and tools

The jack, jack handle, and wheel lug nut wrench are stored in the luggage compartment. Pull up the luggage box cover to reach this equipment.

- (1) Jack handle
- (2) Jack
- (3) Wheel lug nut wrench

F070101AUN

Jacking instructions

The jack is provided for emergency tire changing only.

To prevent the jack from “rattling” while the vehicle is in motion, store it properly.

Follow jacking instructions to reduce the possibility of personal injury.

⚠ WARNING - Changing tires

- **Never attempt vehicle repairs in the traffic lanes of a public road or highway.**
- **Always move the vehicle completely off the road and onto the shoulder before trying to change a tire. The jack should be used on level firm ground. If you cannot find a firm, level place off the road, call a towing service company for assistance.**
- **Be sure to use the correct front and rear jacking positions on the vehicle; never use the bumpers or any other part of the vehicle for jack support.**
- **The vehicle can easily roll off the jack causing serious injury or death. No person should place any portion of their body under a vehicle that is supported only by a jack; use vehicle support stands.**

(Continued)

(Continued)

- Do not start or run the engine while the vehicle is on the jack.
- Do not allow anyone to remain in the vehicle while it is on the jack.
- Make sure any children present are in a secure place away from the road and from the vehicle to be raised with the jack.



F070200ABH

OBK069002

Removing and storing the spare tire

Turn the tire hold-down wing bolt counterclockwise.

Store the tire in the reverse order of removal.

To prevent the spare tire and tools from “rattling” while the vehicle is in motion, store them properly.

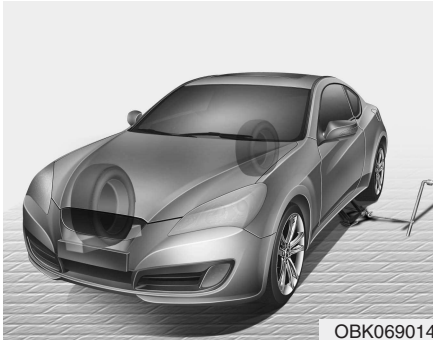


F070300ABK

OBK069004N

Changing tires

1. Park on a level surface and apply the parking brake firmly.
2. Shift the shift lever into R(Reverse) with manual transmission or P(Park) with automatic transmission.
3. Activate the hazard warning flasher.



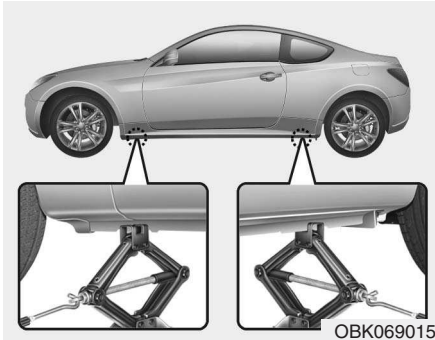
4. Remove the wheel lug nut wrench, jack, jack handle, and spare tire from the vehicle.
5. Block both the front and rear of the wheel that is diagonally opposite the jack position.

⚠ WARNING - Changing a tire

- To prevent vehicle movement while changing a tire, always set the parking brake fully, and always block the wheel diagonally opposite the wheel being changed.
- We recommend that the wheels of the vehicle be blocked, and that no person remain in the vehicle that is being jacked.

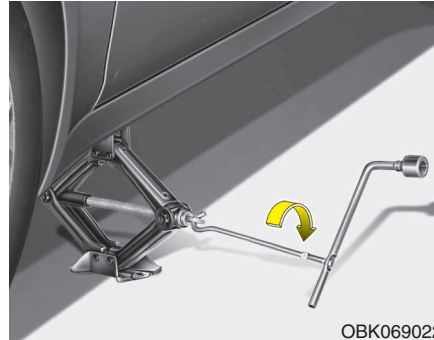


6. Loosen the wheel lug nuts counterclockwise one turn each, but do not remove any nut until the tire has been raised off the ground.



7. Place the jack at the front or rear jacking position closest to the tire you are changing. Place the jack at the designated locations under the frame. The jacking positions are plates welded to the frame with two tabs and a raised dot to index with the jack.

⚠ WARNING - Jack location
To reduce the possibility of injury, be sure to use only the jack provided with the vehicle and in the correct jack position; never use any other part of the vehicle for jack support.



8. Insert the jack handle into the jack and turn it clockwise, raising the vehicle until the tire just clears the ground. This measurement is approximately 30 mm (1.2 in). Before removing the wheel lug nuts, make sure the vehicle is stable and that there is no chance for movement or slippage.

9. 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 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 from fitting solidly against the hub.

If there is, remove it. If there is not good contact on the mounting surface between the wheel and hub, the wheel nuts could come loose 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.

10. To reinstall the wheel, hold it on the studs, put the wheel nuts on the studs and tighten them finger tight. The nuts should be installed with their tapered 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.
11. Insert the jack handle into the jack and turn it counterclockwise to lower the vehicle to the ground.



OBK069016

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 handle 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 an authorized HYUNDAI dealer tighten the wheel nuts to their proper torque as soon as possible.

Wheel nut tightening torque:

Steel wheel & aluminum alloy wheel:
9~11 kg·m (65~79 lb·ft)

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 and return the jack and tools to their proper storage locations.

CAUTION

Your vehicle has metric threads on the wheel studs and nuts. Make certain during wheel removal that the same nuts that were removed are reinstalled - or, if replaced, that nuts with metric threads and the same chamfer configuration are used. Installation of a non-metric thread nut on a metric stud or vice-versa will not secure the wheel to the hub properly and will damage the stud so that it must be replaced.

Note that most lug nuts do not have metric threads. Be sure to use extreme care in checking for thread style before installing aftermarket lug nuts or wheels. If in doubt, consult an authorized HYUNDAI dealer.

WARNING - Wheel studs

If the studs are damaged, they may lose their ability to retain the wheel. This could lead to the loss of the wheel and a collision resulting in serious injuries.

To prevent the jack, jack handle, wheel lug nut wrench and spare tire from rattling while the vehicle is in motion, store them properly.

WARNING - Inadequate spare tire pressure

Check the inflation pressures as soon as possible after installing the spare tire. Adjust it to the specified pressure, if necessary. Refer to "Tires and wheels" section 8.

F070301ABK

Important - use of compact spare tire (if equipped)

Your vehicle is equipped with a compact spare tire. This compact spare tire takes up less space than a regular-size tire. This tire is smaller than a conventional tire and is designed for temporary use only.

CAUTION

- **You should drive carefully when the compact spare tire is in use. The compact spare tire should be replaced by the proper conventional tire and rim at the first opportunity.**
- **The operation of this vehicle is not recommended with more than one compact spare tire in use at the same time.**

WARNING

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

The compact spare should be inflated to 420 kPa (60 psi).

*** NOTICE**

Check the inflation pressure after installing the spare tire. Adjust it to the specified pressure, as necessary.

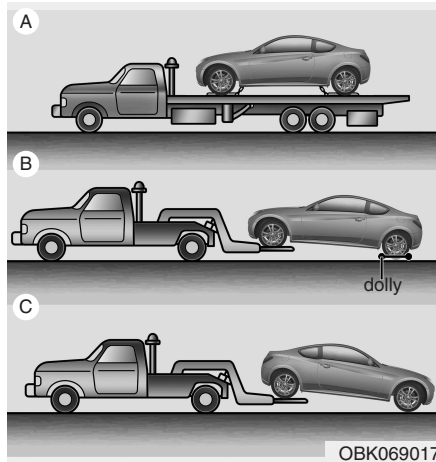
When using a compact spare tire, observe the following precautions:

- Under no circumstances should you exceed 80 km/h (50 mph); a higher speed could damage the tire.
- Ensure that you drive slowly enough for the road conditions to avoid all hazards. Any road hazard, such as a pothole or debris, could seriously damage the compact spare.
- Any continuous road use of this tire could result in tire failure, loss of vehicle control, and possible personal injury.
- Do not exceed the vehicle's maximum load rating or the load-carrying capacity shown on the sidewall of the compact spare tire.
- Avoid driving over obstacles. The compact spare tire diameter is smaller than the diameter of a conventional tire and reduces the ground clearance approximately 25 mm (1 inch), which could result in damage to the vehicle.

What to do in an emergency

- Do not take this vehicle through an automatic car wash while the compact spare tire is installed.
- Do not use tire chains on the compact spare tire. Because of the smaller size, a tire chain will not fit properly. This could damage the vehicle and result in loss of the chain.
- Do not use the compact spare tire on any other vehicle because this tire has been designed especially for your vehicle.
- The compact spare tire's tread life is shorter than a regular tire. Inspect your compact spare tire regularly and replace worn compact spare tires with the same size and design, mounted on the same wheel.
- The compact 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 compact spare wheel. If such use is attempted, damage to these items or other car components may occur.
- Do not use more than one compact spare tire at a time.
- Do not tow a trailer while the compact spare tire is installed.

TOWING



F080100ABH

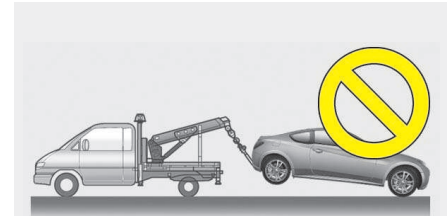
Towing service

If emergency towing is necessary, we recommend having it done by an authorized HYUNDAI dealer or a commercial tow-truck service. Proper lifting and towing procedures are necessary to prevent damage to the vehicle. The use of wheel dollies or flatbed is recommended.

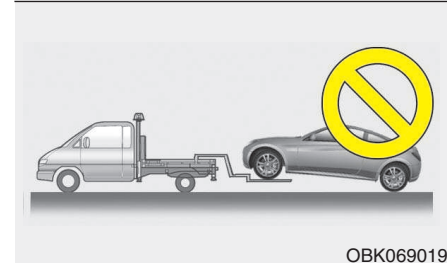
It is acceptable to tow the vehicle with the front wheels on the ground (without dollies) and the rear wheels off the ground.

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

When being towed by a commercial tow truck and wheel dollies are not used, the rear of the vehicle should always be lifted, not the front.



OBK069018



OBK069019

CAUTION

- **Do not tow the vehicle with the rear wheels on the ground as this may cause damage to the vehicle.**
- **Do not tow with sling-type equipment. Use wheel lift or flatbed equipment.**

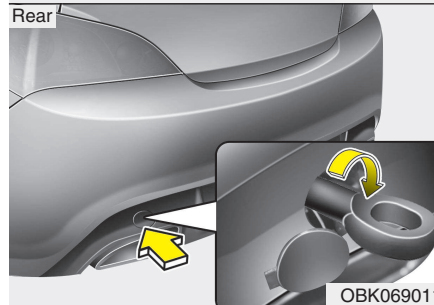
What to do in an emergency

When towing your vehicle in an emergency without wheel dollies :

1. Set the ignition switch in the ACC position.
2. Place the shift lever in N (Neutral).
3. Release the parking brake.

CAUTION

Failure to place the shift lever in N (Neutral) may cause internal damage to the transmission.

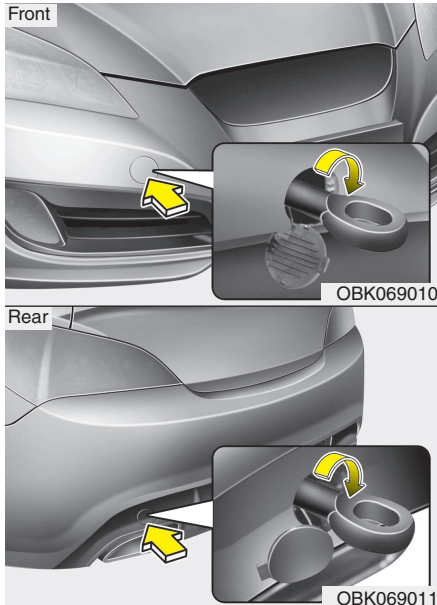


F080200ABH

Removable towing hook (if equipped)

1. Open the trunk, and remove the towing hook from the tool case.
2. Remove the hole cover pressing the lower part of the cover on the front or rear bumper.

3. Install the towing hook by turning it clockwise into the hole until it is fully secured.
4. Remove the towing hook and install the cover after use.



F080300AFD

Emergency towing

If towing is necessary, we recommend you to have it done by an authorized HYUNDAI dealer or a commercial tow truck service.

If towing service is not available in an emergency, your vehicle may be temporarily towed using a cable or chain secured to the emergency towing hook under the front (or rear) of the vehicle. Use extreme caution when towing the vehicle. A driver must be in the vehicle to steer it and operate the brakes.

Towing in this manner may be done only on hard-surfaced roads for a short distance and at low speeds. Also, the wheels, axles, power train, steering and brakes must all be in good condition.

- Do not use the tow hooks to pull a vehicle out of mud, sand or other conditions from which the vehicle cannot be driven out under its own power.
- Avoid towing a vehicle heavier than the vehicle doing the towing.
- The drivers of both vehicles should communicate with each other frequently.

CAUTION

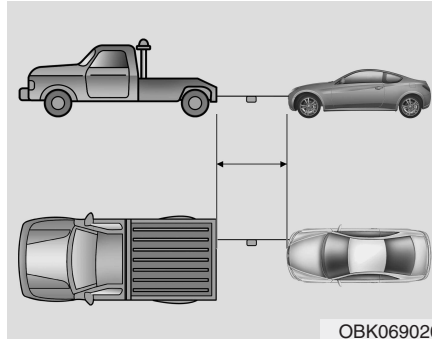
- **Attach a towing strap to the tow hook.**
- **Using a portion of the vehicle other than the tow hooks for towing may damage the body of your vehicle.**
- **Use only a cable or chain specifically intended for use in towing vehicles. Securely fasten the cable or chain to the towing hook provided.**

- Before emergency towing, check that the hook is not broken or damaged.
- Fasten the towing cable or chain securely to the hook.
- Do not jerk the hook. Apply steady and even force.
- To avoid damaging the hook, do not pull from the side or at a vertical angle. Always pull straight ahead.

⚠ WARNING

Use extreme caution when towing the vehicle.

- Avoid sudden starts or erratic driving maneuvers which would place excessive stress on the emergency towing hook and towing cable or chain. The hook and towing cable or chain may break and cause serious injury or damage.
- If the disabled vehicle is unable to be moved, do not forcibly continue the towing. Contact an authorized HYUNDAI dealer or a commercial tow truck service for assistance.
- Tow the vehicle as straight ahead as possible.
- Keep away from the vehicle during towing.



- Use a towing strap less than 5 m (16 feet) long. Attach a white or red cloth (about 30 cm (12 inches) wide) in the middle of the strap for easy visibility.
- Drive carefully so that the towing strap is not loosened during towing.

F080301ABH

Emergency towing precautions

- Place the ignition switch in ACC so the steering wheel isn't locked.
- Place the transmission shift lever in N (Neutral).
- Release the parking brake.
- Press the brake pedal with more force than normal since you will have reduced brake performance.

- More steering effort will be required because the power steering system will be disabled.
- If you are driving down a long hill, the brakes may overheat and brake performance will be reduced. Stop often and let the brakes cool off.

⚠ CAUTION - Automatic transmission

- *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 transmission is in neutral. Be sure the steering is unlocked by placing the ignition switch in the ACC position. A driver must be in the towed vehicle to operate the steering and brakes.*
- *To avoid serious damage to the automatic transmission, limit the vehicle speed to 15 km/h (10 mph) and drive less than 1.5 km (1 mile) when towing.*
- *Before towing, check the level of the automatic transmission fluid. If it is below the "HOT" range on the dipstick, add fluid. If you cannot add fluid, a towing dolly must be used.*

EMERGENCY COMMODITY (IF EQUIPPED)

F110000AUN

There are some emergency commodities in the vehicle to help you respond to the emergency situation.

F110100AUN

Fire extinguisher

If there is small fire and you know how to use the fire extinguisher, take the following steps carefully.

1. Pull the pin at the top of the extinguisher that keeps the handle from being accidentally pressed.
2. Aim the nozzle toward the base of the fire.
3. Stand approximately 2.5 m (8 ft) away from the fire and squeeze the handle to discharge the extinguisher. If you release the handle, the discharge will stop.
4. Sweep the nozzle back and forth at the base of the fire. After the fire appears to be out, watch it carefully since it may re-ignite.

F110200AUN

First aid kit

There are some items such as scissors, bandage and adhesive tape and etc. in the kit to give first aid to an injured person.

F110300AUN

Triangle reflector

Place the triangle reflector on the road to warn oncoming vehicles during emergencies, such as when the vehicle is parked by the roadside due to any problems.

F110400AUN

Tire pressure gauge (If equipped)

Tires normally lose some air in day-to-day use, and you may have to add a few pounds of air periodically and it is not usually a sign of a leaking tire, but of normal wear. Always check tire pressure when the tires are cold because tire pressure increases with temperature.

To check the tire pressure, take the following steps;

1. Unscrew the inflation valve cap that is located on the rim of the tire.
2. Press and hold the gauge against the tire valve. Some air will escape as you begin and more will escape if you don't press the gauge in firmly.
3. A firm non-leaking push will activate the gauge.
4. Read the tire pressure on the gauge to know whether the tire pressure is low or high.
5. Adjust the tire pressures to the specified pressure. Refer to "Tires and wheels" in section 8.
6. Reinstall the inflation valve cap.

Engine compartment / 7-2
Maintenance services / 7-4
Owner maintenance / 7-5
Scheduled maintenance service / 7-7
Explanation of scheduled maintenance items / 7-14
Engine oil / 7-17
Engine coolant / 7-18
Brake and clutch fluid / 7-21
Power steering fluid / 7-22
Automatic transmission fluid / 7-23
Manual transmission fluid / 7-23
Washer fluid / 7-23
Parking brake / 7-24
Air cleaner / 7-25
Climate control air filter / 7-26
Wiper blades / 7-28
Battery / 7-31

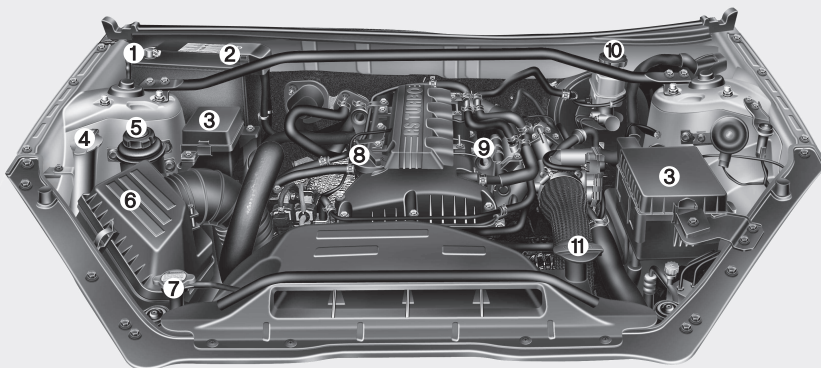
Maintenance

7

Tires and wheels / 7-34
Fuses / 7-44
Light bulbs / 7-53
Appearance care / 7-60
Emission control system / 7-66

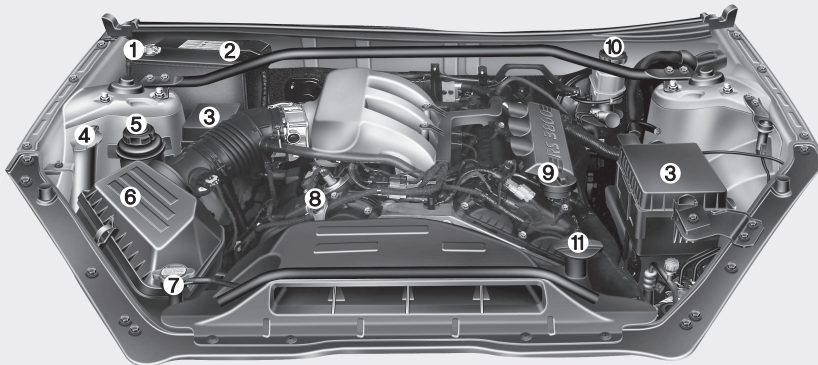
ENGINE COMPARTMENT

■ 2.0 TCI Engine



1. Negative battery terminal
2. Positive battery terminal
3. Fuse and relay box
4. Windshield washer fluid reservoir
5. Power steering fluid reservoir
6. Air cleaner
7. Radiator cap
8. Engine oil filler cap
9. Engine oil dipstick
10. Brake fluid reservoir
11. Engine coolant reservoir

■ 3.8 Engine



- 1. Negative battery terminal
- 2. Positive battery terminal
- 3. Fuse and relay box
- 4. Windshield washer fluid reservoir
- 5. Power steering fluid reservoir
- 6. Air cleaner
- 7. Radiator cap
- 8. Engine oil dipstick
- 9. Engine oil filler cap
- 10. Brake fluid reservoir
- 11. Engine coolant reservoir

OBK019004

MAINTENANCE SERVICES

G020000AEN

You should exercise the utmost care to prevent damage to your vehicle and injury to yourself whenever performing any maintenance or inspection procedures.

Should you have any doubts concerning the inspection or servicing of your vehicle, we strongly recommend that you have an authorized HYUNDAI dealer perform this work.

An authorized HYUNDAI dealer has factory-trained technicians and genuine HYUNDAI parts to service your vehicle properly. For expert advice and quality service, see an authorized HYUNDAI dealer.

Inadequate, incomplete or insufficient servicing may result in operational problems with your vehicle that could lead to vehicle damage, an accident, or personal injury.

G020100AEN

Owner's responsibility

* NOTICE

Maintenance Service and Record Retention are the owner's responsibility.

You should retain documents that show proper maintenance has been performed on your vehicle in accordance with the scheduled maintenance service charts shown on the following pages. You need this information to establish your compliance with the servicing and maintenance requirements of your vehicle warranties. Detailed warranty information is provided in your Service Passport.

Repairs and adjustments required as a result of improper maintenance or a lack of required maintenance are not covered.

We recommend you have your vehicle maintained and repaired by an authorized HYUNDAI dealer. An authorized HYUNDAI dealer meets HYUNDAI's high service quality standards and receives technical support from HYUNDAI in order to provide you with a high level of service satisfaction.

G020200AEN

Owner maintenance precautions

Improper or incomplete service may result in problems. This section gives instructions only for the maintenance items that are easy to perform.

As explained earlier in this section, several procedures can be done only by an authorized HYUNDAI dealer with special tools.

* NOTICE

Improper owner maintenance during the warranty period may affect warranty coverage. For details, read the separate Service Passport provided with the vehicle. If you're unsure about any servicing or maintenance procedure, have it done by an authorized HYUNDAI dealer.

WARNING - Maintenance work

- 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.

OWNER MAINTENANCE

G030000AEN

The following lists are vehicle checks and inspections that should be performed by the owner or an authorized HYUNDAI dealer at the frequencies indicated to help ensure safe, dependable operation of your vehicle.

Any adverse conditions should be brought to the attention of your dealer as soon as possible.

These Owner Maintenance Checks are generally not covered by warranties and you may be charged for labor, parts and lubricants used.

Owner maintenance schedule

G030101AUN

When you stop for fuel:

- Check the engine oil level.
- Check the coolant level in coolant reservoir.
- Check the windshield washer fluid level.
- Look for low or under-inflated tires.

WARNING

Be careful when checking your engine coolant level when the engine is hot. Scalding hot coolant and steam may blow out under pressure. This could cause burns or other serious injury.

G030102ABH

While operating your vehicle:

- Note any changes in the sound of the exhaust or any smell of exhaust fumes in the vehicle.
- Check for vibrations in the steering wheel. Notice any increased steering effort or looseness in the steering wheel, or change in its straight-ahead position.
- Notice if your vehicle constantly turns slightly or “pulls” to one side when traveling on smooth, level road.
- When stopping, listen and check for unusual sounds, pulling to one side, increased brake pedal travel or “hard-to-push” brake pedal.
- If any slipping or changes in the operation of your transmission occurs, check the transmission fluid level.
- Check automatic transmission P (Park) function.
- Check parking brake.
- Check for fluid leaks under your vehicle (water dripping from the air conditioning system during or after use is normal).

G030103AUN

At least monthly:

- Check the coolant level in the engine coolant reservoir.
- Check the operation of all exterior lights, including the stoplights, turn signals and hazard warning flashers.
- Check the inflation pressures of all tires including the spare.

G030104AHM

***At least twice a year
(i.e., every Spring and Fall):***

- Check the radiator, heater and air conditioning hoses for leaks or damage.
- Check the windshield washer spray and wiper operation. Clean the wiper blades with clean cloth dampened with washer fluid.
- Check the headlight alignment.
- Check the muffler, exhaust pipes, shields and clamps.
- Check the lap/shoulder belts for wear and function.
- Check for worn tires and loose wheel lug nuts.

G030105AHM

At least once a year:

- Clean the body and door drain holes.
- Lubricate the door hinges and checks, and hood hinges.
- Lubricate the door and hood locks and latches.
- Lubricate the door rubber weatherstrips.
- Check the air conditioning system.
- Check the power steering fluid level.
- Inspect and lubricate the automatic transmission linkage and controls.
- Clean the battery and terminals.
- Check the brake fluid level.

SCHEDULED MAINTENANCE SERVICE

G040000AUN

Follow Normal Maintenance Schedule if the vehicle is usually operated where none of the following conditions apply. If any of the following conditions apply, follow Maintenance Under Severe Usage Conditions.

- Repeated short distance driving.
- Driving in dusty conditions or sandy areas.
- Extensive use of brakes.
- Driving in areas where salt or other corrosive materials are being used.
- Driving on rough or muddy roads.
- Driving in mountainous areas.
- Extended periods of idling or low speed operation.
- Driving for a prolonged period in cold temperatures and/or extremely humid climates.
- More than 50% driving in heavy city traffic during hot weather above 32°C (90°F).

If your vehicle is operated under the above conditions, you should inspect, replace or refill more frequently than the following Normal Maintenance Schedule. After 96 months or 120,000 km (80,000 miles) continue to follow the prescribed maintenance intervals.

Maintenance

G040100ABK

NORMAL MAINTENANCE SCHEDULE (EXCEPT EUROPE)

MAINTENANCE INTERVALS		Number of months or driving distance, whichever comes first								
		Months	12	24	36	48	60	72	84	96
		Miles×1,000	10	20	30	40	50	60	70	80
		Km×1,000	15	30	45	60	75	90	105	120
Drive belts *1			I			I		I		I
Engine oil and engine oil filter *2	2.0 TCI	At first, replace at 5,000 km (3,000 miles) or 6 months; after that, replace every 8,000 km (5,000 miles) or 6 months								
	3.8L	For Middle East	Replace every 10,000 km (6,250 miles) or 12 months **							
		Except Middle East	R	R	R	R	R	R	R	R
Air cleaner filter		For China, India, Middle East	R	R	R	R	R	R	R	R
		Except China, India, Middle East	I	I	R	I	I	R	I	I
Spark plugs		Replace every 165,000 km (110,000 miles) or 120 months *3								

I : Inspect and if necessary, adjust, correct, clean or replace.

R : Replace or change.

*1 : Adjust alternator and power steering (and water pump drive belt) and air conditioner drive belt (if equipped). Inspect and if necessary correct or replace.

*2 : Check the engine oil level and leak every 500 km (350 miles) or before starting a long trip.

*3 : For your convenience, it can be replaced prior to it's interval when you do maintenance of other items.

** : Driving in summer season temperature over 40°C (104°F - SAUDI, UAE, OMAN, KUWAIT, BAHRAIN, QATAR, IRAN, YEMEN ETC) or driving over 170 km/h (106 mile/h) must conform the severe driving condition.

NORMAL MAINTENANCE SCHEDULE (CONT.)

MAINTENANCE ITEM	MAINTENANCE INTERVALS	Number of months or driving distance, whichever comes first								
		Months	12	24	36	48	60	72	84	96
		Miles×1,000	10	20	30	40	50	60	70	80
		Km×1,000	15	30	45	60	75	90	105	120
Valve clearance * ⁴		Inspect every 96,000 km (60,000 miles) or 48 months * ⁵								
Vapor hose and fuel filler cap					I				I	
Fuel tank air filter* ⁶			I		R		I		R	
Vacuum and crankcase ventilation hoses				I			I			
Vacuum hose (for EGR & throttle body) (if equipped)		I	I	I	I	I	I	I	I	
Fuel filter * ⁶			I		R		I		R	

I : Inspect and if necessary, adjust, correct, clean or replace.

R : Replace or change.

*⁴ : Inspect for excessive valve noise and/or engine vibration and adjust if necessary. An authorized HYUNDAI dealer should perform the operation.

*⁵ : For your convenience, it can be replaced prior to it's interval when you do maintenance of other items.

*⁶ : Fuel filter and fuel tank air filter are considered to be maintenance free but periodic inspection is recommended for this maintenance schedule depends on fuel quality. If there are some important matters like fuel flow restriction, surging, loss of power, hard starting problem etc, replace the fuel filter immediately regardless of maintenance schedule and consult an authorized HYUNDAI dealer for details.

NORMAL MAINTENANCE SCHEDULE (CONT.)

MAINTENANCE ITEM	MAINTENANCE INTERVALS	Number of months or driving distance, whichever comes first								
		Months	12	24	36	48	60	72	84	96
		Miles×1,000	10	20	30	40	50	60	70	80
		Km×1,000	15	30	45	60	75	90	105	120
Fuel lines, hoses and connections										
Cooling system	Inspect "Coolant level and leak" every day Inspect "Water pump" when replacing the drive belt or timing belt									
Engine coolant *7	At first, replace at 200,000 km (120,000 miles) or 120 months: after that, replace every 40,000 km (25,000 miles) or 24 months *8									
Battery condition										
All electrical systems										
Brake lines, hoses and connections										
Brake pedal, clutch pedal (if equipped)										
Parking brake										
Brake/clutch fluid										
Disc brakes and pads										

I : Inspect and if necessary, adjust, correct, clean or replace.

R : Replace or change.

*7 : When adding coolant, use only deionized water or soft water for your vehicle and never mix hard water in the coolant filled at the factory. An improper coolant mixture can result in serious malfunction or engine damage.

*8 : For your convenience, it can be replaced prior to it's interval when you do maintenance of other items.

NORMAL MAINTENANCE SCHEDULE (CONT.)

MAINTENANCE ITEM	MAINTENANCE INTERVALS	Number of months or driving distance, whichever comes first								
		Months	12	24	36	48	60	72	84	96
		Miles×1,000	10	20	30	40	50	60	70	80
		Km×1,000	15	30	45	60	75	90	105	120
Power steering fluid and hoses		I	I	I	I	I	I	I	I	
Steering gear rack, linkage and boots		I	I	I	I	I	I	I	I	
Driveshaft and boots			I		I		I		I	
Tire (pressure & tread wear)		I	I	I	I	I	I	I	I	
Front suspension ball joints		I	I	I	I	I	I	I	I	
Bolt and nuts on chassis and body		I	I	I	I	I	I	I	I	
Air conditioner refrigerant (if equipped)		I	I	I	I	I	I	I	I	
Air conditioner compressor (if equipped)		I	I	I	I	I	I	I	I	
Climate control air filter (if equipped)		R	R	R	R	R	R	R	R	
Manual transmission fluid					I				I	
Automatic transmission fluid					I				I	
Rear axle oil ^{*9}			I		I		I		I	
Propeller shaft			I		I		I		I	

I : Inspect and if necessary, adjust, correct, clean or replace.

R : Replace or change.

*9 : Rear axle oil should be changed anytime they have been submerged in water.

Maintenance

G040200ABK

MAINTENANCE UNDER SEVERE USAGE CONDITIONS (EXCEPT EUROPE)

The following items must be serviced more frequently on cars mainly used under severe driving conditions. Refer to the chart below for the appropriate maintenance intervals.

R : Replace I : Inspect and if necessary, adjust, correct, clean or replace

MAINTENANCE ITEM		Maintenance operation	Maintenance intervals	Driving condition	
Engine oil and engine oil filter	2.0 TCI	R	Every 5,000 km (3,000 miles) or 3 months	A, B, C, D, E, F, G, H, I, K, L	
	3.8L	For Middle East	R		Every 5,000 km (3,000 miles) or 6 months
		Except Middle East	R		Every 7,500 km (4,500 miles) or 6 months
Air cleaner element		R	Replace more frequently depending on the condition	C, E	
Spark plugs		R	Replace more frequently depending on the condition	B, H	
Manual transmission fluid		R	Every 120,000 km (80,000 miles)	C, D, E, G, H, I, K	
Automatic transmission fluid		R	Every 100,000 km (60,000 miles)	A, C, F, G, I	
Steering gear rack, linkage and boots		I	Inspect more frequently depending on the condition	C, D, E, F, G	
Rear axle oil		R	Every 120,000 km (75,000 miles)	C, E, G, H, I, K	

MAINTENANCE ITEM	Maintenance operation	Maintenance intervals	Driving condition
Propeller shaft	I	Every 15,000 km (10,000 miles) or 12 months	C, E
Front suspension ball joints	I	Inspect more frequently depending on the condition	C, D, E, F, G
Disc brakes and pads, calipers and rotors	I	Inspect more frequently depending on the condition	C, D, E, G, H
Parking brake	I	Inspect more frequently depending on the condition	C, D, G, H
Driveshaft and boots	I	Inspect more frequently depending on the condition	C, D, E, F
Climate control air filter (if equipped)	R	Inspect more frequently depending on the condition	C, E

Severe driving conditions

A : Repeated short distance driving

B : Extensive idling

C : Driving in dusty, rough roads

D : Driving in areas using salt or other corrosive materials or in very cold weather

E : Driving in sandy areas

F : More than 50 % driving in heavy city traffic during hot weather above 32°C (90°F)

G : Driving in mountainous areas

H : Towing a trailer

I : Driving for patrol car, taxi, commercial car or vehicle towing

J : Driving over 140 km/h (87 mile/h)

K : Driving over 170 km/h (106 mile/h)

L : Frequently driving in stop-and-go conditions

EXPLANATION OF SCHEDULED MAINTENANCE ITEMS

G050100AUN

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.

G050200AUN

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.

G050300ABH

Fuel filter

A clogged filter can limit the speed at which the vehicle may be driven, damage the emission system and cause multiple issues such as 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 an authorized HYUNDAI dealer.

G050400ABH

Fuel lines, fuel hoses and connections

Check the fuel lines, fuel hoses and connections for leakage and damage. Have an authorized HYUNDAI dealer replace any damaged or leaking parts immediately.

G050600AUN

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.

G050700AUN

Vacuum crankcase ventilation hoses (if equipped)

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.

G050800AEN

Air cleaner filter

A Genuine HYUNDAI air cleaner filter is recommended when the filter is replaced.

G050900AUN

Spark plugs

Make sure to install new spark plugs of the correct heat range.

G051000AEN

Valve clearance

Inspect excessive valve noise and/or engine vibration and adjust if necessary. An authorized HYUNDAI dealer should perform the operation.

G051100AUN

Cooling system

Check cooling system components, such as radiator, coolant reservoir, hoses and connections for leakage and damage. Replace any damaged parts.

G051200AUN

Coolant

The coolant should be changed at the intervals specified in the maintenance schedule.

G051300ABK

Manual transmission fluid (if equipped)

Inspect the manual transmission fluid according to the maintenance schedule.

G051400ABK

Automatic transmission fluid (if equipped)

Inspect the automatic transmission fluid according to the maintenance schedule.

G051500AUN

Brake hoses and lines

Visually check for proper installation, chafing, cracks, deterioration and any leakage. Replace any deteriorated or damaged parts immediately.

G051600AUN

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 specification.

G051700AUN

Parking brake

Inspect the parking brake system including the parking brake pedal and cables.

G051900AUN

Brake discs, pads, calipers and rotors

Check the pads for excessive wear, discs for run out and wear, and calipers for fluid leakage.

G052100AUN

Suspension mounting bolts

Check the suspension connections for looseness or damage. Retighten to the specified torque.

G052200AUN

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.

G052300AEN

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 (or drive belt) for evidence of cuts, cracks, excessive wear, oiliness and proper tension. Replace or adjust it if necessary.

G052400AUN

Drive shafts and boots

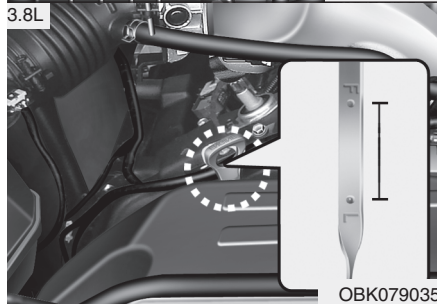
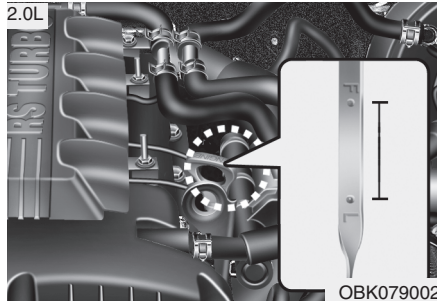
Check the drive shafts, boots and clamps for cracks, deterioration, or damage. Replace any damaged parts and, if necessary, repack the grease.

G052500AUN

Air conditioning refrigerant (if equipped)

Check the air conditioning lines and connections for leakage and damage.

ENGINE OIL



G060100AEN

Checking the engine oil level

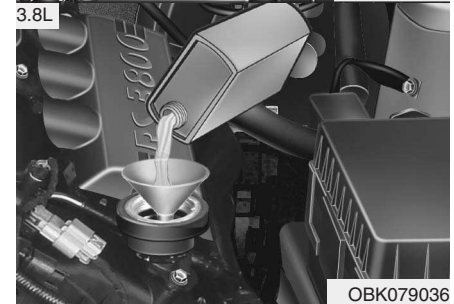
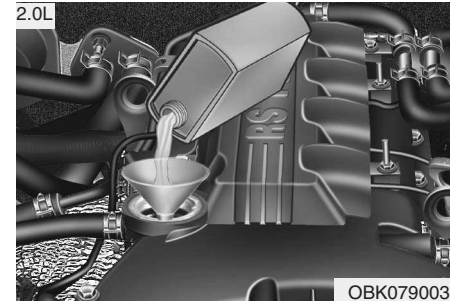
1. Be sure the vehicle is on level ground.
2. Start the engine and allow it to reach normal operating temperature.

3. Turn the engine off and wait for a few minutes (about 5 minutes) for the oil to return to the oil pan.
4. Pull the dipstick out, wipe it clean, and re-insert it fully.

⚠ WARNING - Radiator hose
 Be very careful not to touch the radiator hose when checking or adding the engine oil as it may be hot enough to burn you.

5. Pull the dipstick out again and check the level. The level should be between F and L.

⚠ CAUTION
 Do not overfill with engine oil. Engine damage may result.



If it is near or at L, add enough oil to bring the level to F. **Do not overfill.**

Use a funnel to help prevent oil from being spilled on engine components.

Use only the specified engine oil. (Refer to "Recommended lubricants and capacities" in section 8.)



G060200AEN

Changing the engine oil and filter

Have engine oil and filter changed by an authorized HYUNDAI dealer according to the Maintenance Schedule at the beginning of this section.

WARNING

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.

ENGINE COOLANT

G070000AUN

The high-pressure cooling system has a reservoir filled with year-round antifreeze coolant. The reservoir is filled at the factory.

Check the antifreeze protection and coolant level at least once a year, at the beginning of the winter season, and before traveling to a colder climate.

G070100AEN

Checking the coolant level

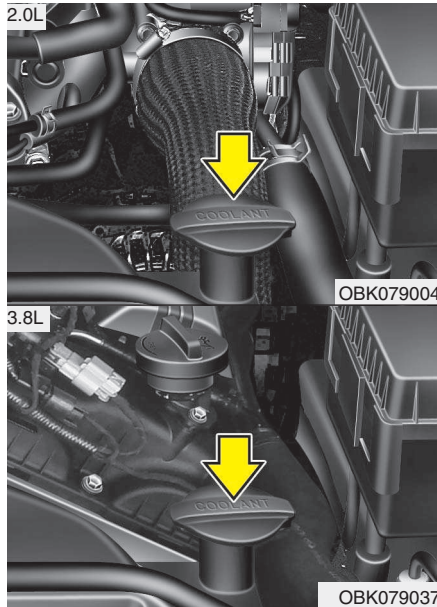
WARNING - Removing radiator cap

- Never attempt to remove the radiator cap while the engine is operating or hot. Doing so might lead to cooling system and engine damage and could result in serious personal injury from escaping hot coolant or steam.

(Continued)

(Continued)

- Turn the engine off and wait until it cools down. Use extreme care when removing the radiator cap. Wrap a thick towel around it, and turn it counterclockwise slowly to the first stop. Step back while the pressure is released from the cooling system. When you are sure all the pressure has been released, press down on the cap, using a thick towel, and continue turning counterclockwise to remove it.
- Even if the engine is not operating, do not remove the radiator cap or the drain plug while the engine and radiator are hot. Hot coolant and steam may still blow out under pressure, causing serious injury.



Check the condition and connections of all cooling system hoses and heater hoses. Replace any swollen or deteriorated hoses.

The coolant level should be filled between F and L marks on the side of the coolant reservoir when the engine is cool.

If the coolant level is low, add enough specified coolant to provide protection against freezing and corrosion. Bring the level to F, but do not overfill. If frequent additions are required, see an authorized HYUNDAI dealer for a cooling system inspection.

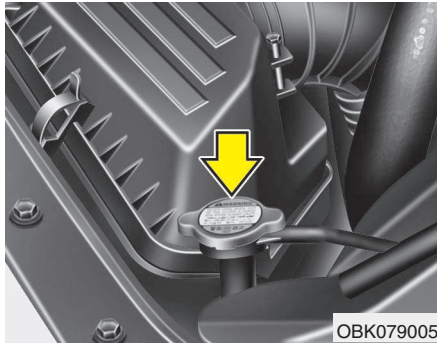
G070101BUN

Recommended engine coolant

- When adding coolant, use only deionized water or soft water for your vehicle and never mix hard water in the coolant filled at the factory. An improper coolant mixture can result in serious malfunction or engine damage.
- The engine in your vehicle has aluminum engine parts and must be protected by an ethylene-glycol-based coolant to prevent corrosion and freezing.
- DO NOT USE alcohol or methanol coolant or mix them with the specified coolant.
- Do not use a solution that contains more than 60% antifreeze or less than 35% antifreeze, which would reduce the effectiveness of the solution.

For mixture percentage, refer to the following table.

Ambient Temperature	Mixture Percentage (volume)	
	Antifreeze	Water
-15°C (5°F)	35	65
-25°C (-13°F)	40	60
-35°C (-31°F)	50	50
-45°C (-49°F)	60	40



⚠ WARNING - Radiator cap
Do not remove the radiator cap when the engine and radiator are hot. Scalding hot coolant and steam may blow out under pressure causing serious injury.

G070200AEN

Changing the coolant

Have coolant changed by an authorized HYUNDAI dealer according to the Maintenance Schedule at the beginning of this section.

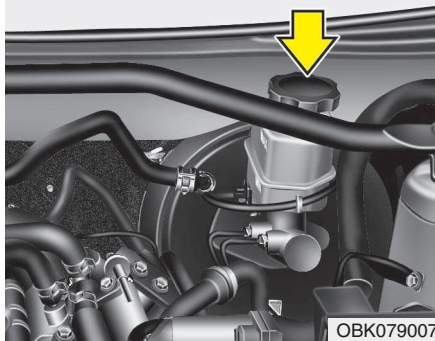
⚠ CAUTION

Put a thick cloth around the radiator cap before refilling the coolant in order to prevent the coolant from overflowing into engine parts such as the generator.

⚠ WARNING - Coolant

- Do not use radiator coolant or antifreeze in the washer fluid reservoir.
- Radiator coolant can severely obscure visibility when sprayed on the windshield and may cause loss of vehicle control or damage to paint and body trim.

BRAKE AND CLUTCH (IF EQUIPPED) FLUID



G080100AUN

Checking the brake/clutch fluid level

Check the fluid level in the reservoir periodically. The fluid level should be between MAX and MIN marks on the side of the reservoir.

Before removing the reservoir cap and adding brake/clutch fluid, clean the area around the reservoir cap thoroughly to prevent brake/clutch fluid contamination.

If the level is low, add fluid to the MAX level. The level will fall with accumulated mileage. This is a normal condition associated with the wear of the brake linings. If the fluid level is excessively low, have the brake system checked by an authorized HYUNDAI dealer.

Use only the specified brake/clutch fluid. (Refer to "Recommended lubricants or capacities" in section 8.)

Never mix different types of fluid.

⚠ WARNING - Loss of brake fluid

In the event the brake system requires frequent additions of fluid, the vehicle should be inspected by an authorized HYUNDAI dealer.

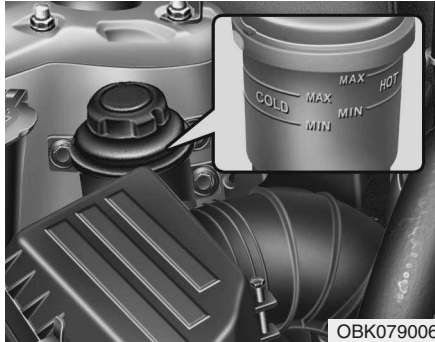
⚠ WARNING - Brake fluid

When changing and adding brake/clutch fluid, handle it carefully. Do not let it come in contact with your eyes. If brake/clutch fluid should come in contact with your eyes, immediately flush them with a large quantity of fresh tap water. Have your eyes examined by a doctor as soon as possible.

⚠ CAUTION

Do not allow brake/clutch fluid to contact the vehicle's body paint, as paint damage will result. Brake/clutch fluid, which has been exposed to open air for an extended time should never be used as its quality cannot be guaranteed. It should be disposed of properly. Don't put in the wrong kind of fluid. A few drops of mineral-based oil, such as engine oil, in your brake / clutch system can damage brake / clutch system parts.

POWER STEERING FLUID



OBK079006

G090100ABH

Checking the power steering fluid level

With the vehicle on level ground, check the fluid level in the power steering reservoir periodically. The fluid should be between MAX and MIN marks on the side of the gauge at the normal temperature.

Before adding power steering fluid, thoroughly clean the area around the reservoir cap to prevent power steering fluid contamination.

If the level is low, add fluid to the MAX level.

* NOTICE - (if equipped)

Check that the fluid level is in the "HOT" range on the gauge. If the fluid is cold, check that it is in the "COLD" range.

In the event the power steering system requires frequent addition of fluid, the vehicle should be inspected by an authorized HYUNDAI dealer.

CAUTION

- *To avoid damage to the power steering pump, do not operate the vehicle for prolonged periods with a low power steering fluid level.*
- *Never start the engine when the reservoir tank is empty.*
- *When adding fluid, be careful that dirt does not get into the tank.*
- *Too little fluid can result in increased steering effort and/or noise from the power steering system.*
- *The use of the non-specified fluid could reduce the effectiveness of the power steering system and cause damage to it.*

Use only the specified power steering fluid. (Refer to "Recommended lubricants or capacities" in section 8.)

G090200AEN

Checking the power steering hose

Check the connections for oil leaks, damage and twists in the power steering hose before driving.

AUTOMATIC TRANSMISSION FLUID (IF EQUIPPED)

G100100ABK

It is recommended that the automatic transmission fluid should be checked or changed at an authorized HYUNDAI dealer in accordance to the scheduled maintenance.

CAUTION

The use of a non-specified fluid could result in transmission malfunction and failure.

Use only specified automatic transmission fluid. (Refer to “Recommended lubricants and capacities” in section 8.)

MANUAL TRANSMISSION FLUID (IF EQUIPPED)

G280100ABK

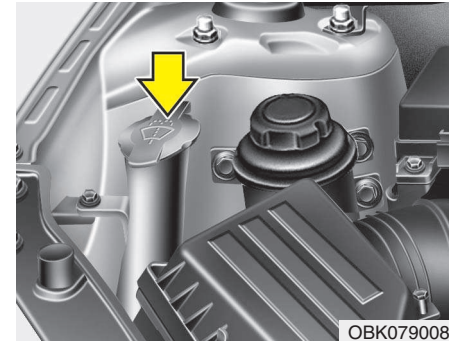
It is recommended that the manual transmission fluid should be checked or changed at an authorized HYUNDAI dealer in accordance to the scheduled maintenance.

CAUTION

The use of a non-specified fluid could result in transmission malfunction and failure.

Use only specified manual transmission fluid. (Refer to “Recommended lubricants and capacities” in section 8.)

WASHER FLUID



G120100AUN

Checking the washer fluid level

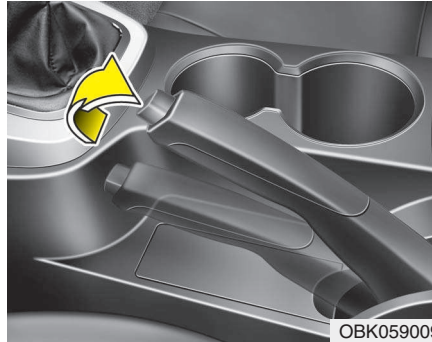
The reservoir is translucent so that you can check the level with a quick visual inspection.

Check the fluid level in the washer fluid reservoir and add fluid if necessary. Plain water may be used if washer fluid is not available. However, use washer solvent with antifreeze characteristics in cold climates to prevent freezing.

⚠ WARNING - Coolant

- Do not use radiator coolant or antifreeze in the washer fluid reservoir.
- Radiator coolant can severely obscure visibility when sprayed on the windshield and may cause loss of vehicle control or damage to paint and body trim.
- 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 occupants could occur.
- Windshield washer fluid is poisonous to humans and animals. Do not drink and avoid contacting windshield washer fluid. Serious injury or death could occur.

PARKING BRAKE



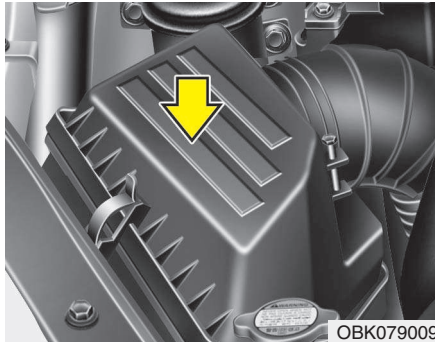
G140100ABK

Checking the parking brake

Check the stroke of the parking brake by counting the number of “clicks” heard while fully applying it from the released position. Also, the parking brake alone should securely hold the vehicle on a fairly steep grade. If the stroke is more or less than specified, have the parking brake adjusted by an authorized HYUNDAI dealer.

Stroke : 5 notch at a force of
20 kg (44 lbs, 196 N).

AIR CLEANER



OBK079009

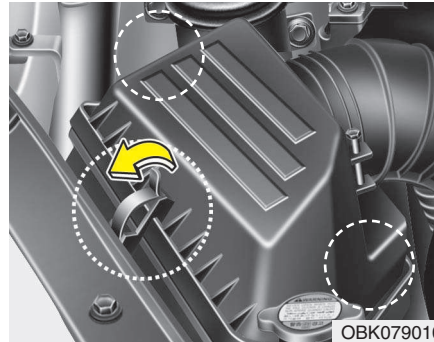
G160100ABK

Filter replacement

It must be replaced when necessary, and should not be washed.

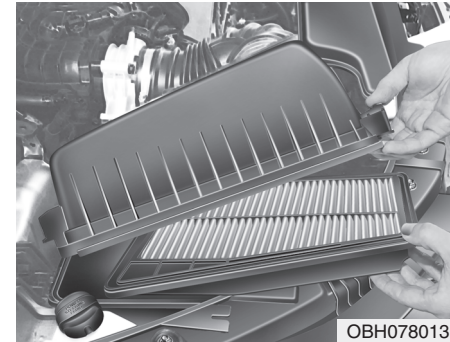
You can clean the filter when inspecting the air cleaner element.

Clean the filter by using compressed air.



OBK079010

1. Loosen the air cleaner cover attaching clips and open the cover.



OBH078013

2. Wipe the inside of the air cleaner.
3. Replace the air cleaner filter.
4. Lock the cover with the cover attaching clips.

Replace the filter according to the Maintenance Schedule.

If the vehicle is operated in extremely dusty or sandy areas, replace the element more often than the usual recommended intervals. (Refer to "Maintenance under severe usage conditions" in this section.)

CAUTION

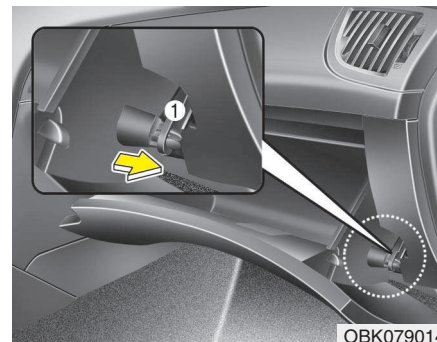
- *Do not drive with the air cleaner removed; this will result in excessive engine wear.*
- *When removing the air cleaner filter, be careful that dust or dirt does not enter the air intake, or damage may result.*
- *Use a HYUNDAI genuine part. Use of non-genuine parts could damage the air flow sensor.*

CLIMATE CONTROL AIR FILTER (IF EQUIPPED)

G170100AEN

Filter inspection

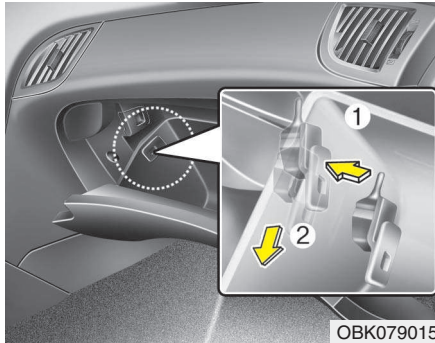
The climate control air filter should be replaced according to the Maintenance Schedule. If the vehicle is operated in severely air-polluted cities or on dusty rough roads for a long period, it should be inspected more frequently and replaced earlier. When you replace the climate control air filter, replace it performing the following procedure, and be careful to avoid damaging other components.



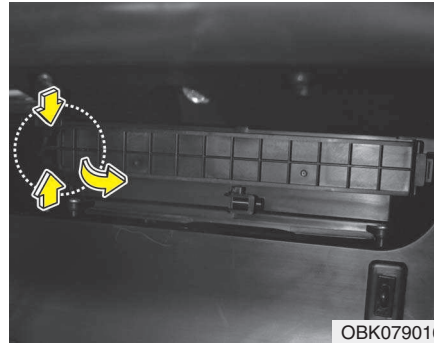
G170200ABK

Filter replacement

1. Open the glove box and remove the support rod (1).



2. With the glove box open, remove the stoppers on both sides to allow the glove box to hang freely on the hinges.



3. Remove the climate control air filter case pulling out both sides of the cover.

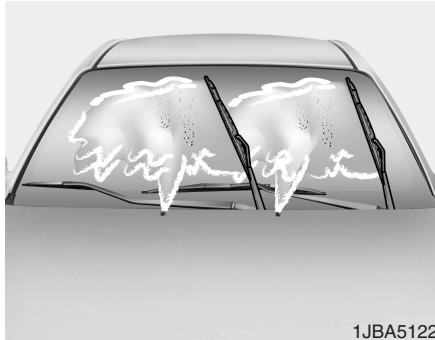


4. Replace the climate control air filter.
5. Reassemble in the reverse order of disassembly.

*** NOTICE**

When replacing the climate control air filter install it properly. Otherwise, the system may produce noise and the effectiveness of the filter may be reduced.

WIPER BLADES



1JBA5122

G180100AUN

Blade inspection

* NOTICE

Commercial hot waxes applied by automatic car washes have been known to make the windshield difficult to clean.

Contamination of either the windshield or the wiper blades with foreign matter can reduce the effectiveness of the windshield wipers. Common sources of contamination are insects, tree sap, and hot wax treatments used by some commercial car washes. If the blades are not wiping properly, clean both the window and the blades with a good cleaner or mild detergent, and rinse thoroughly with clean water.

CAUTION

To prevent damage to the wiper blades, do not use gasoline, kerosene, paint thinner, or other solvents on or near them.

G180200AUN

Blade replacement

When the wipers no longer clean adequately, the blades may be worn or cracked, and require replacement.

CAUTION

To prevent damage to the wiper arms or other components, do not attempt to move the wipers manually.

CAUTION

The use of a non-specified wiper blade could result in wiper malfunction and failure.



G180201ABK

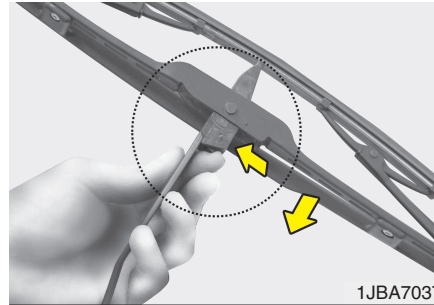
Front windshield wiper blade

Type A

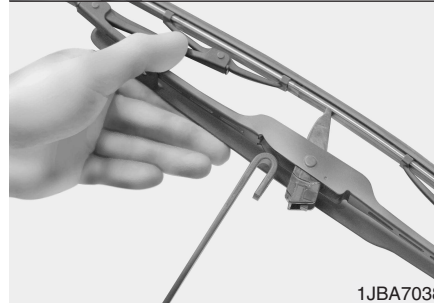
1. Raise the wiper arm and turn the wiper blade assembly to expose the plastic locking clip.

CAUTION

Do not allow the wiper arm to fall against the windshield, since it may chip or crack the windshield.

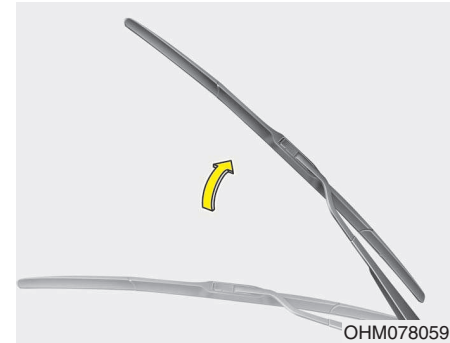


1JBA7037



1JBA7038

2. Compress the clip and slide the blade assembly downward.
3. Lift it off the arm.
4. Install the blade assembly in the reverse order of removal.



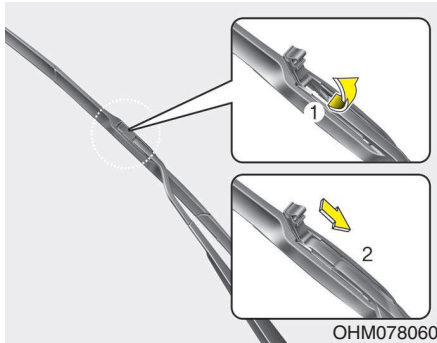
OHM078059

Type B

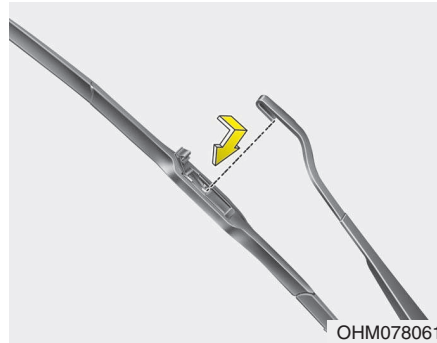
1. Raise the wiper arm.

CAUTION

Do not allow the wiper arm to fall against the windshield, since it may chip or crack the windshield.

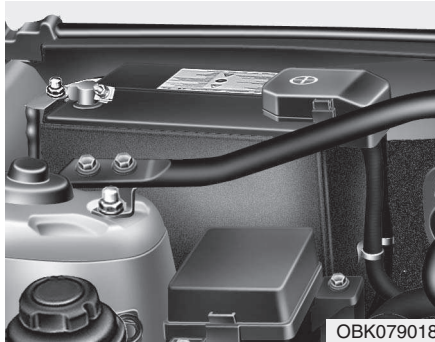


2. Lift up the wiper blade clip. Then pull down the blade assembly and remove it.



3. Install the new blade assembly in the reverse order of removal.

BATTERY







G190100ABK

For best battery service

- Keep the battery securely mounted.
- Keep the battery top clean and dry.
- Keep the terminals and connections clean, tight, and coated with petroleum jelly or terminal grease.
- Rinse any spilled electrolyte from the battery immediately with a solution of water and baking soda.
- If the vehicle is not going to be used for an extended time, disconnect the battery cables.

WARNING - Battery dangers

-  Always read the following instructions carefully when handling a battery.
-  Keep lighted cigarettes and all other flames or sparks away from the battery.
-  Hydrogen, 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.

(Continued)

(Continued)



If any electrolyte gets into your eyes, flush your eyes with clean water for at least 15 minutes and get immediate medical attention.

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.



An inappropriately disposed battery can be harmful to the environment and human health. Dispose the battery according to your local law(s) or regulation.

(Continued)

(Continued)

- 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 recharge 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.

Failure to follow the above warnings can result in serious bodily injury or death.

⚠ CAUTION

- *When you don't use the vehicle for a long time in the low temperature area, separate the battery and keep it indoors.*
- *Always charge the battery fully to prevent the battery case damaged in low temperature area.*

G190200AUN

Battery recharging

Your vehicle has a maintenance-free, calcium-based battery.

- If the battery becomes discharged in a short time (because, for example, the headlights or interior lights were left on while the vehicle was not in use), recharge it by slow charging (trickle) for 10 hours.
- If the battery gradually discharges because of high electric load while the vehicle is being used, recharge it at 20-30A for two hours.

⚠ WARNING - Recharging battery

When recharging the battery, observe the following precautions:

- The battery must be removed from the vehicle and placed in an area with good ventilation.
- Do not allow cigarettes, sparks, or flame near the battery.
- Watch the battery during charging, and stop or reduce the charging rate if the battery cells begin gassing (boiling) violently or if the temperature of the electrolyte of any cell exceeds 49°C (120°F).
- Wear eye protection when checking the battery during charging.
- Disconnect the battery charger in the following order.
 1. Turn off the battery charger main switch.
 2. Unhook the negative clamp from the negative battery terminal.
 3. Unhook the positive clamp from the positive battery terminal.

 **WARNING**

- Before performing maintenance or recharging the battery, turn off all accessories and stop the engine.
- The negative battery cable must be removed first and installed last when the battery is disconnected.
- Operation related to the battery should be done in an authorized HYUNDAI dealer.

 **CAUTION**

- *Keep the battery away from water or any liquid.*
- *For your safety, use the authenticity by approved authorized HYUNDAI dealer, when you replace the battery.*

G190300ABK

Reset items

Items should be reset after the battery has been discharged or the battery has been disconnected.

- Sunroof (See section 4)
- Trip computer (See section 4)
- Climate control system (See section 4)
- Clock (See section 4)
- Audio (See section 4)

TIRES AND WHEELS

G200100AUN

Tire care

For proper maintenance, safety, and maximum fuel economy, you must always maintain recommended tire inflation pressures and stay within the load limits and weight distribution recommended for your vehicle.

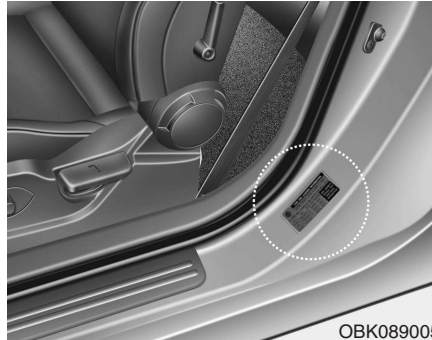
G200200AEN

Recommended cold tire inflation pressures

All tire pressures (including the spare) should be checked when the tires are cold. "Cold Tires" means the vehicle has not been driven for at least three hours or driven less than 1.6 km (one mile).

Recommended pressures must be maintained for the best ride, top vehicle handling, and minimum tire wear.

For recommended inflation pressure, refer to "Tire and wheels" in section 8.



All specifications (sizes and pressures) can be found on a label attached to the vehicle.

⚠ WARNING - Tire underinflation

Severe underinflation can lead to severe heat build-up, causing blowouts, tread separation and other tire failures that can result in the loss of vehicle control leading to severe injury or death. This risk is much higher on hot days and when driving for long periods at high speeds.

⚠ CAUTION

- ***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 an authorized 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.***

⚠ CAUTION

- *Warm tires normally exceed recommended cold tire pressures by 28 to 41 kPa (4 to 6 psi). Do not release air from warm tires to adjust the pressure or the tires will be under-inflated.*
- *Be sure to reinstall the tire inflation valve caps. Without the valve cap, dirt or moisture could get into the valve core and cause air leakage. If a valve cap is missing, install a new one as soon as possible.*

⚠ WARNING - Tire Inflation
Overinflation or underinflation can reduce tire life, adversely affect vehicle handling, and lead to sudden tire failure. This could result in loss of vehicle control and potential injury.

⚠ CAUTION - Tire pressure

Always observe the following:

- *Check tire pressure when the tires are cold. (After vehicle has been parked for at least three hours or hasn't been driven more than 1.6 km (one mile) since startup.)*
- *Check the pressure of your spare tire each time you check the pressure of other tires.*
- *Never overload your vehicle. Be careful not to overload a vehicle luggage rack if your vehicle is equipped with one.*
- *Worn, old tires can cause accidents. If your tread is badly worn, or if your tires have been damaged, replace them.*

G200300AUN

Checking tire inflation pressure

Check your tires once a month or more.

Also, check the tire pressure of the spare tire.

G200301AEN

How to check

Use a good quality gage 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 1.6 km (1 mile).

Remove the valve cap from the tire valve stem. Press the tire gage 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 gage. Be sure to put the valve caps back on the valve stems. They help prevent leaks by keeping out dirt and moisture.

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 center pillar.**
- **Worn tires can cause accidents. Replace tires that are worn, show uneven wear, or are damaged.**
- **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.**

G200400ABK

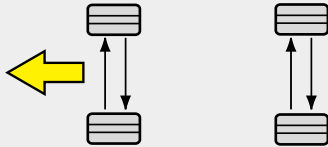
Tire rotation

To equalize tread wear, it is recommended that the tires be rotated every 12,000 km (7,500 miles) or sooner if irregular wear develops.

During rotation, check the tires for correct balance.

When rotating tires, check for uneven wear and damage. Abnormal wear is usually caused by incorrect tire pressure, improper wheel alignment, out-of-balance wheels, severe braking or severe cornering. Look for bumps or bulges in the tread or side of tire. Replace the tire if you find either of these conditions. Replace the tire if fabric or cord is visible. After rotation, be sure to bring the front and rear tire pressures to specification and check lug nut tightness.

Without a spare tire



OBK079038

Disc brake pads should be inspected for wear whenever tires are rotated.

* NOTICE

The front tire size is different from the rear tire size. So when you rotate tires, check the tire and wheel size.

⚠ WARNING

Do not mix bias ply and radial ply tires under any circumstances. This may cause unusual handling characteristics that could result in death, severe injury, or property damage.

G200500AUN

Wheel alignment and tire balance

The wheels on your vehicle were aligned and balanced carefully at the factory to give you the longest tire life and best overall performance.

In most cases, you will not need to have your wheels aligned again. However, if you notice unusual tire wear or your vehicle pulling one way or the other, the alignment may need to be reset.

If you notice your vehicle vibrating when driving on a smooth road, your wheels may need to be rebalanced.

⚠ CAUTION

Improper wheel weights can damage your vehicle's aluminum wheels. Use only approved wheel weights.



G200600ABK

Tire replacement

If the tire is worn evenly, a tread wear indicator will appear as a solid band across the tread. This shows there is less than 1.6 mm (1/16 inch) of tread left on the tire. Replace the tire when this happens.

Do not wait for the band to appear across the entire tread before replacing the tire.



Because your vehicle is equipped with the asymmetric tire, when you replace the tire, set the inside and outside of the tire.

The mark INSIDE(1) and OUTSIDE(2) is inscribed on the side of the tire.

The mark INSIDE(1) should be inside of the vehicle and the mark OUTSIDE(2) should be outside of the vehicle.

⚠ WARNING - Replacing tires

To reduce the chance of 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.

(Continued)

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- Using tires and wheel other than the recommended sizes could cause unusual handling characteristics and poor vehicle control, resulting in a serious accident.
- 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.
- 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 size originally supplied with the vehicle. Using tires of a different size can cause the ABS (Anti-lock Brake System) and ESP (Electronic Stability Program) to work irregularly.

G200601AUN

Compact spare tire replacement (if equipped)

A compact spare tire has a shorter tread life than a regular size tire. Replace it when you can see the tread wear indicator bars on the tire. The replacement compact spare tire should be the same size and design tire as the one provided with your new vehicle and should be mounted on the same compact spare tire wheel. The compact spare tire is not designed to be mounted on a regular size wheel, and the compact spare tire wheel is not designed for mounting a regular size tire.

G200700ABK

Wheel replacement

When replacing the metal wheels for any reason, make sure the new wheels are equivalent to the original factory units in diameter, rim width and offset.

*** NOTICE**

The front tire size is different from the rear tire size. So when you rotate tires, check the tire and wheel size.

 WARNING

A wheel that is not the correct size may adversely affect wheel and bearing life, braking and stopping abilities, handling characteristics, ground clearance, body-to-tire clearance, snow chain clearance, speedometer and odometer calibration, headlight aim and bumper height.

G200800AUN

Tire traction

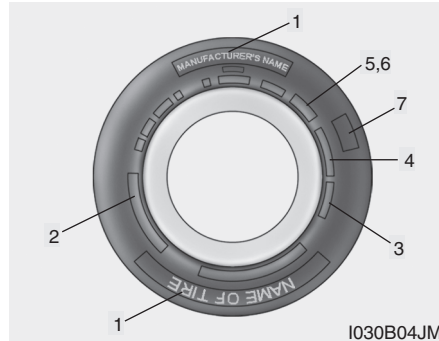
Tire traction can be reduced if you drive on worn tires, tires that are improperly inflated or on slippery road surfaces. Tires should be replaced when tread wear indicators appear. To reduce the possibility of losing control, slow down whenever there is rain, snow or ice on the road.

G200900AUN

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 should always be rebalanced if it is removed from the wheel.



G201000ABK

Tire sidewall labeling

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.

G201001AUN

1. *Manufacturer or brand name*

Manufacturer or Brand name is shown.

G201002ABH

2. *Tire size designation*

A tire's sidewall is marked with a tire size designation. You will need this information when selecting replacement tires for your car. The following explains what the letters and numbers in the tire size designation mean.

Example tire size designation:

(These numbers are provided as an example only; your tire size designator could vary depending on your vehicle.)

225/45R18 91W

225 - Tire width in millimeters.

45 - Aspect ratio. The tire's section height as a percentage of its width.

R - Tire construction code (Radial).

18 - Rim diameter in inches.

91 - Load Index, a numerical code associated with the maximum load the tire can carry.

W - Speed Rating Symbol. See the speed rating chart in this section for additional information.

Wheel size designation

Wheels are also marked with important information that you need if you ever have to replace one. The following explains what the letters and numbers in the wheel size designation mean.

Example wheel size designation:

7.5JX18

7.5 - Rim width in inches.

J - Rim contour designation.

18 - Rim diameter in inches.

Tire speed ratings

The chart below lists many of the different speed ratings currently being used for passenger car tires. The speed rating is part of the tire size designation on the sidewall of the tire. This symbol corresponds to that tire's designed maximum safe operating speed.

Speed Rating Symbol	Maximum Speed
S	180 km/h (112 mph)
T	190 km/h (118 mph)
H	210 km/h (130 mph)
V	240 km/h (149 mph)
W	270 km/h (168 mph)
Y	300 km/h (186 mph)

G201003AEN

3. Checking tire life (TIN : Tire Identification Number)

Any tires that are over 6 years old, based on the manufacturing date, (including the spare tire) should be replaced by new ones. You can find the manufacturing date on the tire sidewall (possibly on the inside of the wheel), displaying the DOT Code. The DOT Code is a series of numbers and English letters. The manufacturing date is designated by the last four digits (characters) of the DOT code.

DOT : XXXX XXXX OOOO

The front part of the DOT means a plant code number, tire size and tread pattern and the last four numbers indicate week and year manufactured.

For example:

DOT XXXX XXXX 1610 represents that the tire was produced in the 16th week of 2010.

⚠ WARNING - Tire age
Tires degrade over time, even when they are not being used. Regardless of the remaining tread, it is recommended that tires generally be replaced after six (6) years of normal service. Heat caused by 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.

G201004AEN

4. Tire ply composition and material

The number of layers or plies of rubber-coated 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.

G201005AUN

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.

G201006AUN

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.

G2010007AEN

7. Uniform tire quality grading

Tread wear

The tread wear 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 times (1½) 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.

These grades are molded on the side-walls of passenger vehicle tires. The tires available as standard or optional equipment on your vehicle may vary with respect to grade.

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. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

 **WARNING - Tire temperature**

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 build-up and possible sudden tire failure. This can cause loss of vehicle control and serious injury or death.

FUSES

Blade type



Normal



Blown

Cartridge type

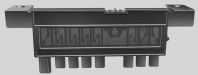


Normal

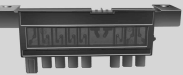


Blown

Fusible link



Normal



Blown

OBK079042

G210000ABK

A vehicle's electrical system is protected from electrical overload damage by fuses.

This vehicle has 3 fuse panels, one located in the driver's side panel bolster, the others in the engine compartment.

If any of your vehicle's lights, accessories, or controls do not work, check the appropriate circuit fuse. If a fuse has blown, the element inside the fuse will be melted.

If the electrical system does not work, first check the driver's side fuse panel.

Always replace a blown fuse with one of the same rating.

If the replacement fuse blows, this indicates an electrical problem. Avoid using the system involved and immediately consult an authorized HYUNDAI dealer.

Three kinds of fuses are used: blade type for lower amperage rating, cartridge type, and fusible link for higher amperage ratings.

WARNING - Fuse replacement

- Never replace a fuse with anything but another fuse of the same rating.
- A higher capacity fuse could cause damage and possibly a fire.
- Never install a wire instead of the proper fuse - even as a temporary repair. It may cause extensive wiring damage and a possible fire.

CAUTION

Do not use a screwdriver or any other metal object to remove fuses because it may cause a short circuit and damage the system.



G210100ABK

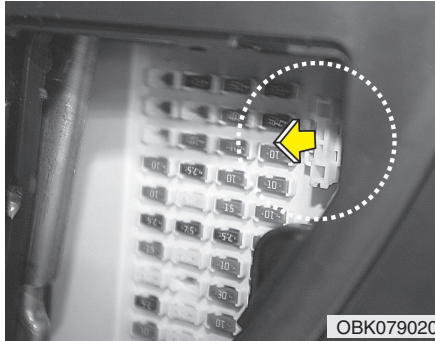
Instrument panel fuse replacement

1. Turn the ignition switch and all other switches off.
2. Open the fuse panel cover.

3. Pull the suspected fuse straight out. Use the removal tool provided in the main fuse box in the engine compartment.
4. Check the removed fuse; replace it if it is blown.
5. Push in a new fuse of the same rating, and make sure it fits tightly in the clips. If it fits loosely, consult an authorized HYUNDAI dealer.

If you do not have a spare, use a fuse of the same rating from a circuit you may not need for operating the vehicle, such as the cigarette lighter fuse.

If the headlights or other electrical components do not work and the fuses are OK, check the fuse panel in the engine compartment. If a fuse is blown, it must be replaced.



G210101AUN

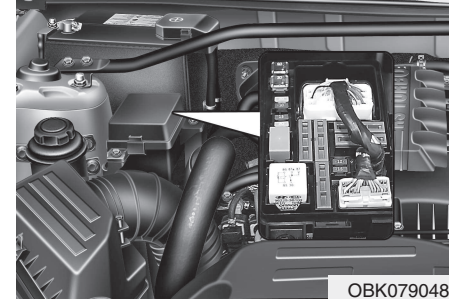
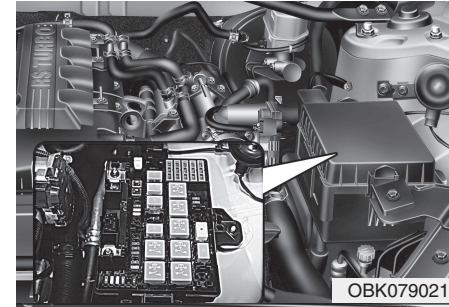
Memory fuse

Your vehicle is equipped with a memory fuse 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 memory fuse.

*** NOTICE**

- If the memory fuse is pulled up from the fuse panel, the warning chime, audio, clock and interior lamps, etc., will not operate. Some items must be reset after replacement. Refer to “Battery” in this section.
- Even though the memory fuse is pulled up, the battery can still be discharged by operation of the headlights or other electrical devices.



G210200AEN

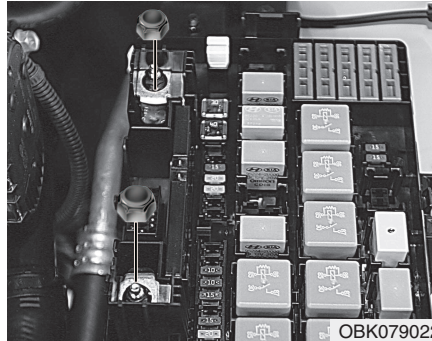
Engine compartment fuse replacement

1. Turn the ignition switch and all other switches off.
2. Remove the fuse panel cover by pressing the tab and pulling up.

3. Check the removed fuse; replace it if it is blown. To remove or insert the fuse, use the fuse puller in the engine compartment fuse panel.
4. Push in a new fuse of the same rating, and make sure it fits tightly in the clips. If it fits loosely, consult an authorized HYUNDAI dealer.

⚠ CAUTION

After checking the fuse panel in the engine compartment, securely install the fuse panel cover. If not, electrical failures may occur from water contact.



G210201ABK

Multi fuse

If the multi fuse is blown, it must be removed as follows:

1. Turn off the engine.
2. Disconnect the negative battery cable.
3. Remove the fuse panel on the right side in the engine compartment.
4. Remove the nuts shown in the picture above.
5. Replace the fuse with a new one of the same rating.
6. Reinstall in the reverse order of removal.

*** NOTICE**

If the multi fuse is blown, consult an authorized HYUNDAI dealer.

Instrument panel (Driver's side fuse panel)

Description	Fuse rating	Protected component
ABS	7.5A	ESP & Rear fog switch, ESP control module, ABS control module, Multipurpose check connector
CLUSTER/ESCL	7.5A	Smart key control module, PDM, Sport mode switch, BCM, Instrument cluster (IND.), Multifunction switch (Remocon)
ESCL	10A	PDM, Smart key control module
ESCL SW	10A	FOB holder, Start stop button switch
START	10A	PDM, E/R junction box(start relay), Ignition switch, Ignition lock switch, ICM relay box(B/Hron relay)
P/OUTLET(FR)	15A	Front power outlet
P/OUTLET	15A	Console power outlet
AUDIO/ESCL	7.5A	Audio, Multimonitor, Power outside mirror & Mirror folding switch, BCM, PDM, Smart key control module
A/BAG	15A	SRS control module
T/SIG	10A	Hazard switch
B/UP LP	10A	Back-up lamp switch (M/T), E/R junction box LH (B/UP LP relay)
HAZARD	10A	Hazard switch, ICM Relay box (HAZARD relay)
STOP LP	15A	Stop lamp switch
AUTO SHIFT LOCK	7.5A	E/R junction box LH (Multipurpose check connector), Data link connector, Sport mode switch, Key solenoid
FOG LP(RR)	10A	ICM relay box (Rear fog relay)
P/SEAT(LH)	30A	Driver power seat switch
DR LOCK	10A	DR LOCK/UNLOCK relay
A/BAG IND	7.5A	Instrument cluster (Air bag IND.)
ECU	10A	ECM, TCM, Stop lamp switch, SUB START relay (A/T(G4KF)), Cruise clutch pedal position switch
A/CON	7.5A	BCM, A/C control module, Incar temperature sensor, BLOWER relay

Maintenance

Description		Fuse rating	Protected component
WIPER(FR)		25A	Multifunction switch (Wiper), Front wiper motor, E/R junction box LH (WIPER (FR) relay)
IGN/ESCL		7.5A	PDM, E/R junction box LH (H/LP(HI)/(LO) relay), Vacuum switch, Sunroof control module, Electro chromic mirror, Auto head lamp leveling device sensor, Head lamp leveling device actuator LH/RH
ESCL		25A	PDM
P/WDW(LH)		25A	Driver safety window module
P/WDW(RH)		25A	Passenger safety window module
SEAT HTR(DRI)		10A	Driver seat warmer switch
SEAT HTR(ASS)		10A	Passenger seat warmer switch
MIRROR HTD		7.5A	A/C control module, Power outside mirror LH/RH, Rear defogger (+)
T/LID OPEN		15A	Trunk lid & Fuel filler door switch, T/LID relay
AMP		20A	AMP
TAIL(LH)		7.5A	Head lamp LH, Rear combination lamp LH, E/R junction box LH (FOG LP(FR) relay)
TAIL(RH)		10A	Head lamp RH, Rear combination lamp RH, Front license lamp, Glove box lamp, Rheostat, Driver/Passenger seat warmer switch, ESP & Rear fog switch, Head lamp leveling device switch, Multimonitor, hazard switch, Audio, Rear license lamp, Driver/Passenger power window switch, Sport mode switch, A/C control module, USB/AUX jack, Instrument cluster (ILL.), Multifunction switch (Remocon)
P/CON	AUDIO	15A	Audio
	MEMORY	10A	Trunk room lamp, Power outside mirror & Mirror folding switch, MAP lamp, Auto light & Photo sensor/Security indicator, Multimonitor, RF receiver Instrument cluster (MICOM, IND.), A/C control module, BCM, Rear parking assist buzzer, Door warning switch, Vanity lamp LH/RH

Engine compartment main fuse panel

Description	Fuse rating	Protected component
BATT 2	50A	Fuse (STOP 15A, AUTO SHIFT LOCK 7.5A, P/CON (AUDIO 15A, MEMORY 10A), DR LOCK 10A, P/SEAT (LH) 30A, Fog LP(RR) 10A)
BATT 1	30A	Fuse (T/LID OPEN 15A, AMP 20A, HAZARD 10A, ESCL 25A, P/WDW (RH) 25A, P/WDW (LH) 25A, ESCL 10A, ESCL SW 10A)
ALT	150A	Generator
ABS-1	40A	ESP control module, ABS control module, Multipurpose check connector
ABS-2	40A	ESP control module, ABS control module
BLOWER	40A	Blower relay
HTD GLASS (RR)	40A	HTD glass (RR) relay, Fuse (MIRROR HTD 7.5A)
COOLING FAN	50A	Cooling fan (HI) relay, Cooling fan (LO) relay
IGN 1	30A	ESCL (IGN1) relay, ESCL (ACC) relay, Ignition switch
IGN 2	40A	ESCL (IGN2) relay, Start relay, Ignition switch
B/UP LP	10A	B/UP LP relay
HORN	15A	Horn relay
H/LP (LO)	20A	H/LP (LO) relay, Fuse (H/LP LO RH 15A, H/LP LO LH 15A)
H/LP (HI)	20A	H/LP (HI) relay, Instrument cluster, Head lamp LH/RH
VACUUM PUMP	15A	Vacuum pump relay
A/CON COMP	10A	A/Con relay
FOG LP (FR)	10A	FOG LP (FR) relay
TAIL	15A	TAIL relay, Fuse (TAIL (LH) 7.5A, TAIL (RH) 10A)
HTD GLASS (FR)	15A	HTD glass (FR) relay
DRL, B/HORN	15A	ICM Relay box (Burglar alarm horn relay)
S/ROOF	20A	Sunroof control module
H/LP LO RH	15A	Head lamp RH, Head lamp leveling device actuator RH, Head lamp leveling device switch
H/LP LO LH	15A	Head lamp LH, Head lamp leveling device actuator LH

Engine compartment sub fuse panel

Description	Fuse rating	Protected component
B+	50A	Fuse (F/PUMP 20A, ECU-1 10A), Fusible link (ECU 30A)
ECU	30A	G4KF ECU main relay (ECU-2, SNSR-1, SNSR-2, INJ)
		G6DA ECU main relay
F/PUMP	20A	F/PUMP relay
ECU-1	10A	ECM, TCM
INJ	15A	Injector, F/PUMP relay, ECM(G6DA)
IGN COIL	20A	Ignition coil, Condenser
ECU-2	20A	ECM(G4KF)
SNSR-1	10A	Oxygen sensor (UP/DOWN), A/CON relay, Cooling fan (HI) relay, Cooling fan (LO) relay, ECM(G6DA), Mass airflow sensor (G6DA)
SNSR-2	15A	G4KF Oil control valve, Canister purge control solenoid valve, Camshaft position sensor, Crankshaft position sensor, WGT control solenoid valve, RCV control solenoid valve, Immobilizer module
		G6DA Oil control valve, Oil control valve(EXHAUST), ECM, Purge control solenoid valve, Immobilizer module

LIGHT BULBS

G220000AEN

⚠ WARNING - Working on the lights

Prior to working on the light, firmly apply the parking brake, ensure that the ignition switch is turned to the LOCK position and turn off the lights to avoid sudden movement of the vehicle and burning your fingers or receiving an electric shock.

Use only the bulbs of the specified wattage.

⚠ CAUTION

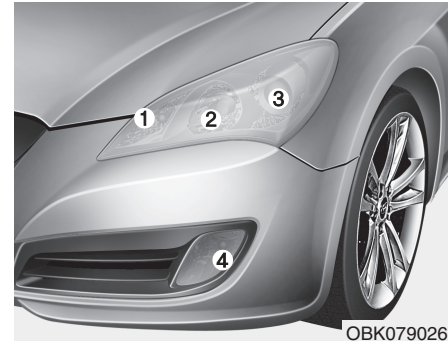
Be sure to replace the burned-out bulb with one of the same wattage rating. Otherwise, it may cause damage to the fuse or electric wiring system.

⚠ CAUTION

If you don't have necessary tools, the correct bulbs and the expertise, consult an authorized HYUNDAI dealer. In many cases, it is difficult to replace vehicle light bulbs because other parts of the vehicle must be removed before you can get to the bulb. This is especially true if you have to remove the headlight assembly to get to the bulb(s). Removing/installing the headlight assembly can result in damage to the vehicle.

*** NOTICE**

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.

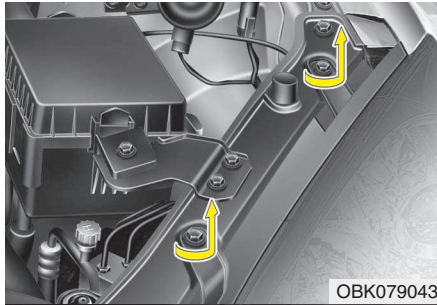


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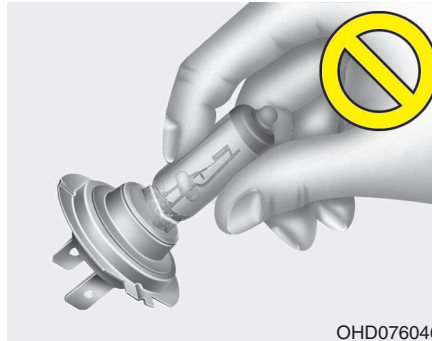
G220100ABH

Headlight, position light, turn signal light, front fog light bulb replacement

- (1) Front turn signal light
- (2) Headlight (High)/Position light
- (3) Headlight (Low)
- (4) Front fog light (if equipped)



1. Open the hood.
2. Disconnect the negative battery cable.
3. Loosen the retaining bolts.
4. Pull the headlight assembly out to the front of the vehicle. Be careful not to break up the clip (1) on the inside of the headlight assembly.
5. Disconnect the power connector(s) from the back of the headlight assembly.



G220101ABH
Headlight bulb

⚠ WARNING - Halogen bulbs

- Halogen bulbs contain pressurized gas that will produce flying pieces of glass if broken.
- Always handle them carefully, and avoid scratches and abrasions. If the bulbs are lit, avoid contact with liquids. Never touch the glass with bare hands. Residual oil may cause the bulb to overheat and burst when lit. A bulb should be operated only when installed in a headlight.

(Continued)

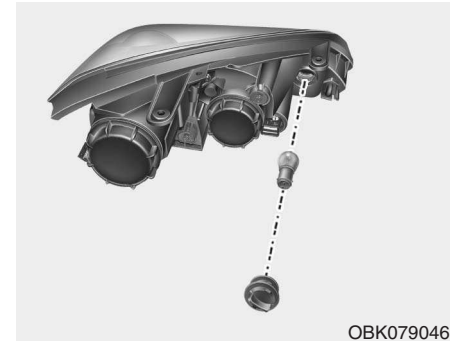
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- If a bulb becomes damaged or cracked, replace it immediately and carefully dispose of it.
- Wear eye protection when changing a bulb. Allow the bulb to cool down before handling it.



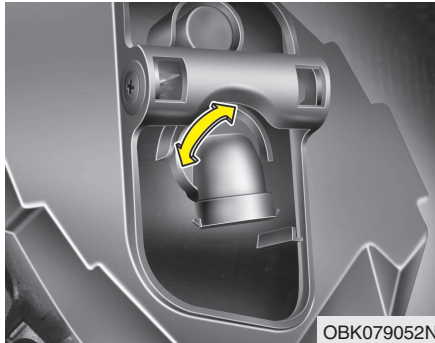
6. Remove the headlight bulb cover by turning it counter clockwise.
7. Disconnect the headlight bulb socket connector.
8. Unsnap the headlight bulb retaining wire by depressing the end and pushing it upward.
9. Remove the bulb from the headlight assembly.

10. Install a new headlight bulb and snap the headlight bulb retaining wire into position by aligning the wire with the groove on the bulb.
11. Connect the headlight bulb socket connector.
12. Install the headlight bulb cover by turning it clockwise.
13. Connect the power connector(s) to the back of the headlight assembly.
14. Reinstall the headlight assembly to the body of the vehicle.



Turn signal light bulb replacement

6. Remove the socket from the assembly by turning the socket counter clockwise until the tabs on the socket align with the slots on the assembly.
7. Remove the bulb from the socket by pressing it in and rotating it until the tabs on the bulb align with the slots in the socket. Pull the bulb out of the socket.
8. Insert a new bulb by inserting it into the socket and rotating it until it locks into place.
9. Install the socket into the assembly by aligning the tabs on the socket with the slots in the assembly. Push the socket into the assembly and turn the socket clockwise.



G220103AEN

Front fog light bulb replacement

1. Remove the front bumper under cover and reach your hand into the back of the front bumper.
2. Disconnect the power connector from the socket.
3. Remove the bulb-socket from the housing by turning the socket counter clockwise until the tabs on the socket align with the slots on the housing.
4. Install the new bulb-socket into the housing by aligning the tabs on the socket with the slots in the housing. Push the socket into the housing and turn the socket clockwise.
5. Connect the power connector to the socket.
6. Reinstall the front bumper under cover.

G220102BEN

Headlight (HID type) bulb replacement

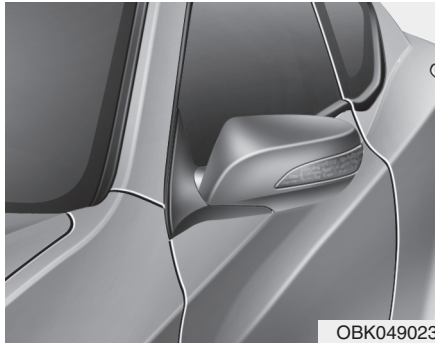
If the light bulb is not operating, have the vehicle checked by an authorized HYUNDAI dealer.

⚠ WARNING - HID Headlight low beam (if equipped)

Do not attempt to replace or inspect the low beam (XENON bulb) due to electric shock danger. If the low beam (XENON bulb) is not working, have your vehicle checked by an authorized HYUNDAI Dealer.

*** NOTICE**

HID lamps have superior performance vs. halogen bulbs. HID lamps are estimated by the manufacturer to last twice as long or longer than halogen bulbs depending on their frequency of use. They will probably require replacement at some point in the life of the vehicle. Cycling the headlamps on and off more than typical use will shorten HID lamps life. HID lamps do not fail in the same manner as halogen incandescent lamps. If a headlamp goes out after a period of operation but will immediately relight when the headlamp switch is cycled it is likely the HID lamp needs to be replaced. HID lighting components are more complex than conventional halogen bulbs thus have higher replacement cost.



G220200AEN

Side repeater light bulb replacement (if equipped)

If the light bulb is not operating, have the vehicle checked by an authorized HYUNDAI dealer.



Rear combination light bulb replacement

- (1) Rear fog light
- (2) Back-up light
- (3) Rear turn signal light
- (4) Stop and tail light



- 1. Open the trunk lid.
- 2. Remove the service cover by pulling out the service cover.



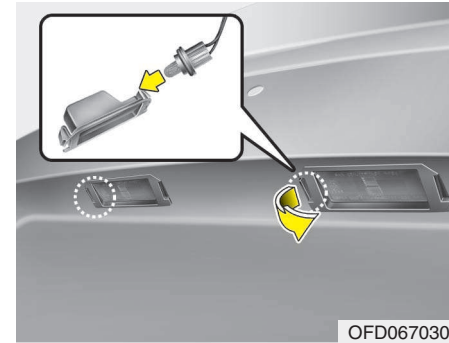
3. Remove the socket from the assembly by turning the socket counter clockwise until the tabs on the socket align with the slots on the assembly.
4. Remove the bulb from the socket by pressing it in and rotating it until the tabs on the bulb align with the slots in the socket. Pull the bulb out of the socket.
5. Insert a new bulb by inserting it into the socket and rotating it until it locks into place.
6. Install the socket into the assembly by aligning the tabs on the socket with the slots in the assembly. Push the socket into the assembly and turn the socket clockwise.



G220400AEN

High mounted stop light replacement

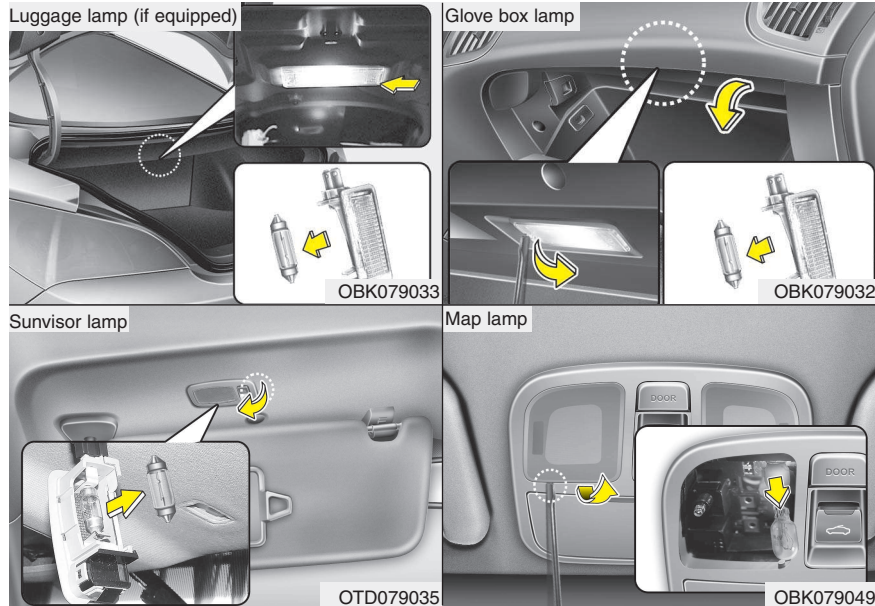
If the light is not operating, have the vehicle checked by an authorized HYUNDAI dealer.



G220400ABK

License plate light bulb replacement

1. Remove the lens by pressing the tabs.
2. Remove the socket by turning the socket counter clockwise.
3. Remove the bulb by pulling it straight out.
4. Install a new bulb in the socket and install the socket to the lens.
5. Reinstall the lens securely.



G220600ABK

Interior light bulb replacement

1. Using a flat-blade screwdriver, gently pry the lens (map lamp) or lamp (luggage lamp, glove box lamp and sunvisor lamp) from the interior light housing.
2. Remove the bulb by pulling it straight out.

⚠ WARNING

Prior to working on the Interior Lights, ensure that the "OFF" button is depressed to avoid burning your fingers or receiving an electric shock.

3. Install a new bulb in the socket.
4. Align the lens tabs with the interior light housing notches and snap the lens into place.

⚠ CAUTION

Use care not to dirty or damage lens, lens tab, and plastic housings.

APPEARANCE CARE

Exterior care

G230101AUN

Exterior general caution

It is very important to follow the label directions when using any chemical cleaner or polish. Read all warning and caution statements that appear on the label.

G230102ABH

Finish maintenance

Washing

To help protect your vehicle's finish from rust and deterioration, wash it thoroughly and frequently at least once a month with lukewarm or cold water.

If you use your vehicle for off-road driving, you should wash it after each off-road trip. Pay special attention to the removal of any accumulation of salt, dirt, mud, and other foreign materials. Make sure the drain holes in the lower edges of the doors and rocker panels are kept clear and clean.

Insects, tar, tree sap, bird droppings, industrial pollution and similar deposits can damage your vehicle's finish if not removed immediately.

Even prompt washing with plain water may not completely remove all these deposits. A mild soap, safe for use on painted surfaces, may be used.

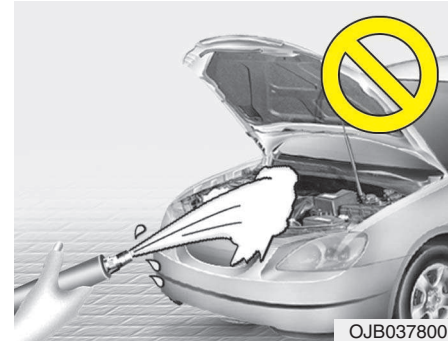
After washing, rinse the vehicle thoroughly with lukewarm or cold water. Do not allow soap to dry on the finish.

⚠ CAUTION

- ***Do not use strong soap, chemical detergents or hot water, and do not wash the vehicle in direct sunlight or when the body of the vehicle is warm.***
- ***Be careful when washing the side windows of your vehicle. Especially, with high-pressure water. Water may leak through the windows and wet the interior.***
- ***To prevent damage to the plastic parts, do not clean with chemical solvents or strong detergents.***

⚠ WARNING - Wet brakes

After washing the vehicle, test the brakes while driving slowly to see if they have been affected by water. If braking performance is impaired, dry the brakes by applying them lightly while maintaining a slow forward speed.



⚠ CAUTION

- ***Water washing in the engine compartment including high pressure water washing may cause the failure of electrical circuits or engine and related part 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.***

Waxing

Wax the vehicle when water will no longer bead on the paint.

Always wash and dry the vehicle before waxing. Use a good quality liquid or paste wax, and follow the manufacturer's instructions. Wax all metal trim to protect it and to maintain its luster.

Removing oil, tar, and similar materials with a spot remover will usually strip the wax from the finish. Be sure to re-wax these areas even if the rest of the vehicle does not yet need waxing.



CAUTION

- *Wiping dust or dirt off the body with a dry cloth will scratch the finish.*
- *Do not use steel wool, abrasive cleaners, or strong detergents containing highly alkaline or caustic agents on chrome-plated or anodized aluminum parts. This may result in damage to the protective coating and cause discoloration or paint deterioration.*

G230103AUN

Finish damage repair

Deep scratches or stone chips in the painted surface must be repaired promptly. Exposed metal will quickly rust and may develop into a major repair expense.

*** NOTICE**

If your vehicle is damaged and requires any metal repair or replacement, be sure the body shop applies anti-corrosion materials to the parts repaired or replaced.

G230104AUN

Bright-metal maintenance

- To remove road tar and insects, use a tar remover, not a scraper or other sharp object.
- To protect the surfaces of bright-metal parts from corrosion, apply a coating of wax or chrome preservative and rub to a high luster.
- During winter weather or in coastal areas, cover the bright metal parts with a heavier coating of wax or preservative. If necessary, coat the parts with non-corrosive petroleum jelly or other protective compound.

G230105AUN

Underbody maintenance

Corrosive materials used for ice and snow removal and dust control may collect on the underbody. If these materials are not removed, accelerated rusting can occur on underbody parts such as the fuel lines, frame, floor pan and exhaust system, even though they have been treated with rust protection.

Thoroughly flush the vehicle underbody and wheel openings with lukewarm or cold water once a month, after off-road driving and at the end of each winter. Pay special attention to these areas because it is difficult to see all the mud and dirt. It will do more harm than good to wet down the road grime without removing it. The lower edges of doors, rocker panels, and frame members have drain holes that should not be allowed to clog with dirt; trapped water in these areas can cause rusting.

WARNING

After washing the vehicle, test the brakes while driving slowly to see if they have been affected by water. If braking performance is impaired, dry the brakes by applying them lightly while maintaining a slow forward speed.

G230106AUN

Aluminum wheel maintenance

The aluminum wheels are coated with a clear protective finish.

- Do not use any abrasive cleaner, polishing compound, solvent, or wire brushes on aluminum wheels. They may scratch or damage the finish.
- Use only a mild soap or neutral detergent, and rinse thoroughly with water. Also, be sure to clean the wheels after driving on salted roads. This helps prevent corrosion.
- Avoid washing the wheels with high-speed car wash brushes.
- Do not use any acid detergent. It may damage and corrode the aluminum wheels coated with a clear protective finish.

G230107AUN

Corrosion protection

Protecting your vehicle from corrosion

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

Common causes of corrosion

The most common causes of corrosion on your car are:

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

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.

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 particularly corrosive because it is slow to dry and holds moisture in contact with the vehicle. Although the mud appears to be dry, it can still retain the 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 to the visible surfaces but particularly to the underside of the car.

To help prevent corrosion

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

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.

- 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.

- 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.
- 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 accelerate corrosion.

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.

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.

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 clean water and thoroughly dried.

Interior care

G230201AUN

Interior general precautions

Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration. If they do contact the dashboard, wipe them off immediately. See the instructions that follow for the proper way to clean vinyl.



CAUTION

Never allow water or other liquids to come in contact with electrical/electronic components inside the vehicle as this may damage them.

G230202AUN

Cleaning the upholstery and interior trim

Vinyl

Remove dust and loose dirt from vinyl with a whisk broom or vacuum cleaner. Clean vinyl surfaces with a vinyl cleaner.

Fabric

Remove dust and loose dirt from fabric with a whisk broom or vacuum cleaner. Clean with a mild soap solution recommended for upholstery or carpets. Remove fresh spots immediately with a fabric spot cleaner. If fresh spots do not receive immediate attention, the fabric can be stained and its color can be affected. Also, its fire-resistant properties can be reduced if the material is not properly maintained.



CAUTION

Using anything but recommended cleaners and procedures may affect the fabric's appearance and fire-resistant properties.

G230203AUN

Cleaning the lap/shoulder belt webbing

Clean the belt webbing with any mild soap solution recommended for cleaning upholstery or carpet. Follow the instructions provided with the soap. Do not bleach or re-dye the webbing because this may weaken it.

G230204AUN

Cleaning the interior window glass

If the interior glass surfaces of the vehicle become fogged (that is, covered with an oily, greasy or waxy film), they should be cleaned with glass cleaner. Follow the directions on the glass cleaner container.



CAUTION

Do not scrape or scratch the inside of the rear window. This may result in damage to the rear window defroster grid.

EMISSION CONTROL SYSTEM (IF EQUIPPED)

G270000AEN

The emission control system of your vehicle is covered by a written limited warranty. Please see the warranty information contained in the Service Passport in your vehicle.

Your vehicle is equipped with an emission control system to meet all applicable emission regulations.

There are three emission control systems, as follows.

- (1) Crankcase emission control system
- (2) Evaporative emission control system
- (3) Exhaust emission control system

In order to assure 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.

Caution for the Inspection and Maintenance Test (With Electronic Stability Program (ESP) system)

- **To prevent the vehicle from misfiring during dynamometer testing, turn the Electronic Stability Program (ESP) system off by pressing the ESP switch.**
- **After dynamometer testing is completed, turn the ESP system back on by pressing the ESP switch again.**

G270100AUN

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 fresh filtered air to the crankcase through the air intake hose. Inside the crankcase, the fresh air mixes with blow-by gases, which then pass through the PCV valve into the induction system.

G270200AUN

2. Evaporative emission control system

The Evaporative Emission Control System is designed to prevent fuel vapors from escaping into the atmosphere.

G270201AUN

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 surge tank through the purge control solenoid valve.

G270202AUN

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.

G270300AUN

3. Exhaust emission control system

The Exhaust Emission Control System is a highly effective system which controls exhaust emissions while maintaining good vehicle performance.

G270301AUN

Vehicle modifications


This vehicle should not be modified. Modification of your vehicle could affect its performance, safety or durability and may even violate governmental safety and emissions regulations.

In addition, damage or performance problems resulting from any modification may not be covered under warranty.

G270302AUN

Engine exhaust gas precautions (carbon monoxide)


- Carbon monoxide can be present with other exhaust fumes. Therefore, if you smell exhaust fumes of any kind inside your vehicle, have it inspected and repaired immediately. If you ever suspect exhaust fumes are coming into your vehicle, drive it only with all the windows fully open. Have your vehicle checked and repaired immediately.

 **WARNING - Exhaust**
Engine exhaust gases contain carbon monoxide (CO). Though colorless and odorless, it is dangerous and could be lethal if inhaled. Follow the instructions on this page to avoid CO poisoning.

- Do not operate the engine in confined or closed areas (such as garages) any more than what is necessary to move the vehicle in or out of the area.
- When the vehicle is stopped in an open area for more than a short time with the engine running, adjust the ventilation system (as needed) to draw outside air into the vehicle.
- Never sit in a parked or stopped vehicle for any extended time with the engine running.
- When the engine stalls or fails to start, excessive attempts to restart the engine may cause damage to the emission control system.

G270303AEN

Operating precautions for catalytic converters (if equipped)

 **WARNING - Fire**
A hot exhaust system can ignite flammable items under your vehicle. Do not park, idle, or drive the vehicle over or near flammable objects, such as grass, vegetation, paper, leaves, etc.

Your vehicle is equipped with a catalytic converter emission control device.

Therefore, the following precautions must be observed:

- Use only UNLEADED FUEL for gasoline engines.
- Do not operate the vehicle when there are signs of engine malfunction, such as misfire or a noticeable loss of performance.

- Do not misuse or abuse the engine. Examples of misuse are coasting with the ignition off and descending steep grades in gear with the ignition off.
- Do not operate the engine at high idle speed for extended periods (5 minutes or more).
- Do not modify or tamper with any part of the engine or emission control system. All inspections and adjustments must be made by an authorized HYUNDAI dealer.
- Avoid driving with a very low fuel level. If you run out of gasoline, it could cause the engine to misfire and result in excessive loading of the catalytic converter.

Failure to observe these precautions could result in damage to the catalytic converter and to your vehicle. Additionally, such actions could void your warranties.

Dimensions / 8-2

Bulb wattage / 8-2

Tires and wheels / 8-3

Recommended lubricants and capacities / 8-4

Vehicle identification number (VIN) / 8-6

Vehicle certification label / 8-6

Tire specification and pressure label / 8-7

Engine number / 8-7

Specifications & Consumer information

DIMENSIONS

I010000ABH

Item	mm (in)
Overall length	4,630 (182.2)
Overall width	1,865 (73.4)
Overall height	1,385 (54.5)
Front tread	1,603 (63.1) / 1,599 (62.9)* ¹
Rear tread	1,619 (63.7) / 1,615 (63.6)* ¹
Wheelbase	2,820 (111)

*¹ : with R19 tire

BULB WATTAGE

I030000ABH

Light Bulb	Wattage
Headlights (Low)	55 or 35 (HID)
Headlights (High)	55
Front turn signal lights	21
Front fog lights*	27
Rear fog light*	21
Stop and tail lights	21
Tail light*	5
Rear turn signal lights	21
Back-up lights	16
High mounted stop light*	LED
License plate lights	5
Map lamps	10
Luggage lamp*	5
Glove box lamp	5
Vanity mirror lamps*	5
Side repeater light*	LED

* : If equipped

TIRES AND WHEELS


I020000ABH

Item	Tire size	Wheel size	Inflation pressure bar (psi, kPa)		Wheel lug nut torque kg•m (lb•ft, N•m)
			Front	Rear	
Full size tire	225/45R18	7.5J×18	2.4 (35, 240)	-	9~11 (65~79 , 88~107)
	245/45R18	8.0J×18	-	2.4 (35,240)	
	225/40R19	8.0J×19	2.4 (35, 240)	-	
	245/40R19	8.5J×19	-	2.4 (35, 240)	
Compact spare tire	T135/90D17	4.0T×17	4.2 (60, 420)	4.2 (60, 420)	
	T135/80R18	4.0T×18			

RECOMMENDED LUBRICANTS AND CAPACITIES

I040000ABK

To help achieve proper engine and powertrain performance and durability, use only lubricants of the proper quality. The correct lubricants also help promote engine efficiency that results in improved fuel economy. These lubricants and fluids are recommended for use in your vehicle.

Lubricant		Volume		Classification
Engine oil *1 *2 (drain and refill) Recommends 	2.0 TCI	For Middle East	5.4 l (5.7 US qt.)	API Service SM*3, ILSAC GF-4 or above
		Except Middle East	5.3 l (5.6 US qt.)	
	3.8L	For Middle East	5.2 l (5.49 US qt.)	
		Except Middle East		
Engine oil consumption	Normal driving condition	MAX. 1 l /1500 km		-
	Severe driving condition	MAX. 1 l /1000 km		-
Automatic transmission fluid	2.0L	10 l (10.57 US qt.)		APOLLOIL ATF RED-1K
	3.8L	9.5 l (10.04 US qt.)		ATF M-1375
Manual transmission fluid	2.0L	2.0 l (2.11 US qt.)		SAE 75W/85, API GL-4
	3.8L	2.2 l (2.32 US qt.)		
Power steering		0.9 l (0.95 US qt.)		Pentosin CHF 202
Coolant	2.0L	5.5 l (5.81 US qt.)		Mixture of antifreeze and water (Ethylene glycol base coolant for aluminum radiator)
	3.8L	9.6 l (10.14 US qt.)		
Brake fluid		0.7~0.8 l (0.7~0.8 US qt.)		SAE J1703, FMVSS116 DOT-3 or DOT-4
Fuel		65 l (68.69 US qt.)		Unleaded gasoline
Rear axle oil		1.45 l (1.53 US qt.)		API GL-5, SAE 75W/90 (SHELL SPIRAXX)

*1: Refer to the recommended SAE viscosity numbers on the next page.

*2: Engine oils labeled Energy Conserving Oil are now available. Along with other additional benefits, they contribute to fuel economy by reducing the amount of fuel necessary to overcome engine friction. Often, these improvements are difficult to measure in everyday driving, but in a year's time, they can offer significant cost and energy savings.

*3: If the API service SM engine oil is not available in your country, you are able to use API service SL.

I040100AUN

Recommended SAE viscosity number

⚠ CAUTION

Always be sure to clean the area around any filler plug, drain plug, or dipstick before checking or draining any lubricant. This is especially important in dusty or sandy areas and when the vehicle is used on unpaved roads. Cleaning the plug and dipstick areas will prevent dirt and grit from entering the engine and other mechanisms that could be damaged.

Engine oil viscosity (thickness) has an effect on fuel economy and cold weather operating (engine start and engine oil flowability). Lower viscosity engine oils can provide better fuel economy and cold weather performance, however, higher viscosity engine oils are required for satisfactory lubrication in hot weather. Using oils of any viscosity other than those recommended could result in engine damage.

When choosing an oil, consider the range of temperature your vehicle will be operated in before the next oil change. Proceed to select the recommended oil viscosity from the chart.

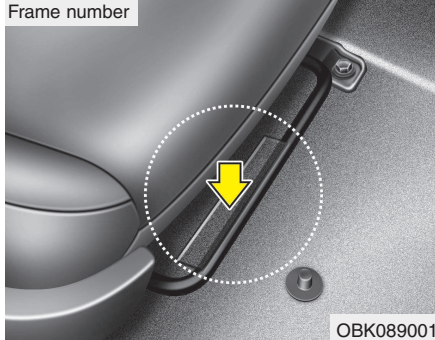
Temperature Range for SAE Viscosity Numbers										
Temperature	°C	-30	-20	-10	0	10	20	30	40	50
	(°F)	-10	0	20	40	60	80	100	120	
Gasoline Engine Oil (2.0 TCI)		5W-30, 5W-40, 5W-20*2								
Gasoline Engine Oil (3.8L) *1							20W-50			
						15W-40				
					10W-30					
		5W-20*3 (5W-30)								

*1: For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-20*3 (API SM / ILSAC GF-4). However, if the engine oil is not available in your country, select the proper engine oil using the engine oil viscosity chart.

*2: In Middle East, do not use the engine oil of viscosity grade SAE 5W-20.

VEHICLE IDENTIFICATION NUMBER (VIN)

Frame number

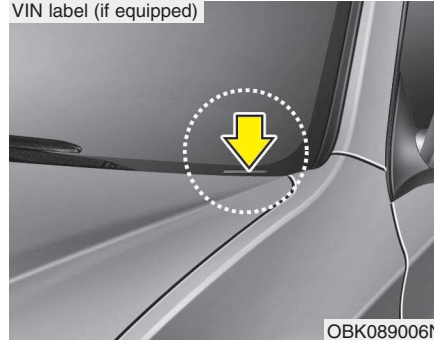


H010000AUN

The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc.

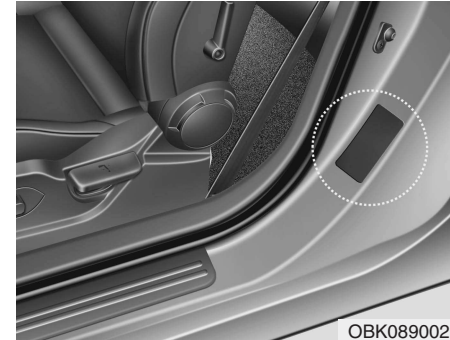
The number is punched on the floor under the passenger's seat.

VIN label (if equipped)



The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

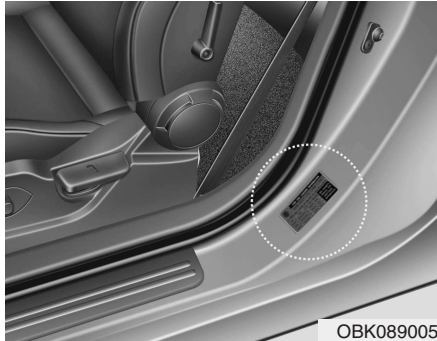
VEHICLE CERTIFICATION LABEL



H020000AEN

The vehicle certification label attached on the driver's (or front passenger's) side center pillar gives the vehicle identification number (VIN).

TIRE SPECIFICATION AND PRESSURE LABEL

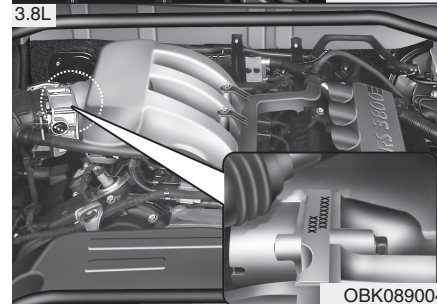
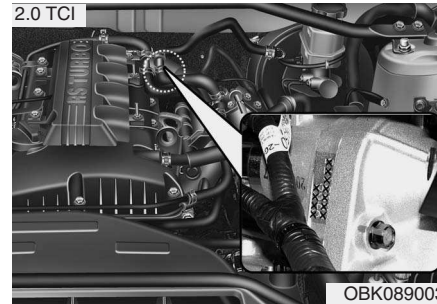


H030000AUN

The tires supplied on your new vehicle are chosen to provide the best performance for normal driving.

The tire label located on the driver's side center pillar gives the tire pressures recommended for your car.

ENGINE NUMBER



H04000AUN

The engine number is stamped on the engine block as shown in the drawing.

Index

I

A

Air bags.....3-33
 Air bag warning label.....3-51
 Air bag warning light3-36
 Curtain air bag3-43
 Driver's and passenger's front air bag3-39
 Side impact air bag.....3-41
 Air cleaner.....7-25
 Anti-lock brake system (ABS).....5-25
 Appearance care.....7-60
 Exterior care7-60
 Interior care7-65
 Ashtray4-92
 Audio system4-97
 Aux, USB and iPod.....4-97
 Glass antenna4-97
 Steering wheel audio control4-98
 Automatic climate control system4-77
 Air conditioning4-82
 Automatic heating and air conditioning.....4-78
 Manual heating and air conditioning4-79
 Outside thermometer.....4-95
 Automatic transmission5-16
 Ignition key interlock system.....5-20
 Shift lock system5-19
 Sports mode.....5-18

B

Battery.....7-31
 Battery saver function4-57
 Before driving5-3
 Brake and clutch fluid.....7-21
 Brake system.....5-22
 Anti-lock brake system (ABS).....5-25
 Electronic stability program (ESP)5-27
 Parking brake.....5-23
 Power brakes5-22
 Bulb replacement7-56
 Front fog light bulb replacement.....7-54
 Headlight bulb replacement7-56
 High mounted stop light replacement.....7-58
 Interior light bulb replacement.....7-59
 License plate light bulb replacement7-58
 Rear combination light bulb replacement7-57
 Side repeater light bulb replacement.....7-57
 Turn signal light bulb replacement7-55
 Bulb wattage.....8-2
 Button start/stop, see engine start/stop button.....5-7

C

Capacities (Lubricants)	8-4
Care	
Exterior care	7-60
Interior care	7-65
Tire care	7-34
Cargo weight	5-46
Center console storage	4-90
Central door lock switch	4-16
Chains	
Tire chains	5-43
Changing tires	6-8
Checking tire inflation pressure	7-35
Child restraint system	3-24
ISOFIX system	3-30
Tether anchor system	3-28
Climate control system (Automatic)	4-77
Air conditioning	4-82
Automatic heating and air conditioning	4-78
Manual heating and air conditioning	4-79
Outside thermometer	4-95
Climate control system (Manual)	4-68
Air conditioning	4-73
Heating and air conditioning	4-69
Cigarette lighter	4-91
Climate control air filter	4-75, 7-26
Clock (Digital)	4-94

Combined instrument, see instrument cluster	4-37
Compact spare tire	6-13
Compact spare tire replacement	7-39
Coolant	7-18
Cooling fluid, see engine coolant	7-19
Crankcase emission control system	7-66
Cruise control system	5-52
Cup holder	4-92
Curtain air bag	3-43

D

Dashboard, see instrument cluster	4-37
Dashboard illumination, see instrument panel illumination	4-39
Defogging (Windshield)	4-88
Defogging logic (Windshield)	4-89
Defroster (Rear window)	4-69
Defrosting (Windshield)	4-88
Digital clock	4-94
Dimensions	8-2
Displays, see instrument cluster	4-37
Display illumination, see instrument panel illumination	4-39
Door locks	4-14
Central door lock switch	4-16
Drinks holders, see cup holders	4-93
Driver's air bag	3-39

Index

Driving at night	5-39
Driving in flooded areas	5-40
Driving in the rain	5-40

E

Economical operation	5-36
Electrochromic mirror (ECM)	4-34
Electronic stability program (ESP)	5-27
Emergency commodity	6-19
Emergency starting	6-4
Jump starting	6-4
Push starting	6-5
Emergency trunk safety release	4-19
Emergency towing	6-17
Emergency while driving	6-2
Emission control system	7-66
Crankcase emission control system	7-66
Evaporative emission control system	7-66
Exhaust emission control system	7-67
Engine compartment	2-4, 7-2
Engine coolant	7-18
Engine number	8-7
Engine oil	7-17
Engine overheats	6-6
Engine start/stop button	5-7
Engine temperature gauge	4-41
Engine will not start	6-3

Evaporative emission control system	7-66
Exhaust emission control system	7-67
Explanation of scheduled maintenance items	7-14
Exterior care	7-60

F

Flat tire (with spare tire)	6-7
Changing tires	6-8
Compact spare tire	6-13
Jack and tools	6-7
Removing and storing the spare tire	6-8
Floor mat anchor(s)	4-96
Fluid	
Washer fluid	7-23
Brake and clutch fluid	7-21
Folding the rear seat	3-11
Front fog light bulb replacement	7-56
Front seat adjustment - manual	3-4
Front seat adjustment - power	3-9
Fuel filler lid	4-25
Fuel gauge	4-41
Fuel requirements	1-2
Fuses	7-44
Fuse/relay panel description	7-48
Memory fuse	7-46
Multi fuse	7-47

G

Gauge
 Engine temperature gauge.....4-41
 Fuel gauge4-41
 Glass antenna4-97
 Glove box4-90

H

Hazard warning flasher4-56
 Hazardous driving conditions5-38
 Headlight bulb replacement7-56
 Headlight leveling device4-62
 Headrest3-5
 Heating and air conditioning4-69, 4-78
 High mounted stop light replacement7-58
 Highway driving5-41
 Hood4-24
 Horn4-32
 How to use this manual1-2

I

Ignition key interlock system5-20
 Immobilizer system4-3
 Indicators and warnings4-46
 Indicator symbols on the instrument cluster1-5

Instrument cluster4-37
 Engine temperature gauge4-41
 Fuel gauge4-41
 Instrument panel illumination4-39
 Odometer4-42
 Speedometer4-40
 Tachometer4-40
 Trip computer4-43
 Warning and indicators4-46
 Instrument panel illumination4-39
 Instrument panel overview2-3
 Interior care7-65
 Interior features4-91
 Ashtray4-92
 Cigarette lighter4-91
 Cup holder4-92
 Digital clock4-94
 Floor mat anchor(s).....4-95
 Outside thermometer.....4-95
 Luggage net holder.....4-96
 Power outlet4-93
 Sunvisor4-93
 Interior light4-65
 Interior light bulb replacement7-59
 Interior overview2-2
 Interlock system5-20
 ISOFIX system3-30

Index

J

- Jack and tools6-7
- Jump starting6-4

K

- Key positions5-4
- Keys4-3

L

Label

- Air bag warning label3-61
- Tire sidewall labeling7-40
- Tire specification and pressure label8-7
- Vehicle certification label8-6
- License plate light bulb replacement7-58
- Light bulbs7-53
 - Front fog light bulb replacement7-56
 - Headlight bulb replacement7-56
 - High mounted stop light replacement7-58
 - Interior light bulb replacement7-59
 - License plate light bulb replacement7-58
 - Rear combination light bulb replacement7-57
 - Side repeater light bulb replacement7-57
 - Turn signal light bulb replacement7-55

- Lighting4-57
 - Battery saver function4-57
- Lubricants and capacities8-4
- Luggage net holder4-96
- Lumbar support3-7

M

Maintenance

- Explanation of scheduled maintenance items7-14
- Maintenance services7-4
- Maintenance under severe usage conditions7-12
- Normal maintenance schedule7-8
- Owner maintenance7-5
- Scheduled maintenance service7-7
- Tire maintenance7-40
- Maintenance services7-4
- Manual climate control system4-68
 - Air conditioning4-73
 - Climate control air filter4-75
 - Heating and air conditioning4-69
- Manual heating and air conditioning4-79
- Manual transmission5-12
- Memory fuse7-46
- Mirrors4-33
 - Day/night rearview mirror4-33
 - Electric chromic mirror (ECM)4-34
 - Inside rearview mirror4-33

Outside rearview mirror4-34
 Multi fuse.....7-47

O

Odometer4-44
 Oil (Engine)7-17
 Outside rearview mirror4-34
 Overheats6-6
 Owner maintenance7-5

P

Parking brake.....5-23, 7-24
 Passenger's front air bag3-39
 Power brakes5-22
 Power outlet4-94
 Power steering4-31
 Power steering fluid7-22
 Pre-tensioner seat belt3-17
 Push starting6-5

R

Rear combination light bulb replacement7-57
 Rear parking assist system4-54
 Rear seat3-11
 Recommended cold tire inflation pressures7-34
 Recommended lubricants and capacities8-4
 Recommended SAE viscosity number8-5
 Remote keyless entry4-8
 Road warning6-2
 Rocking the vehicle5-38

S

Scheduled maintenance service7-7
 Normal maintenance schedule7-8
 Maintenance under severe usage conditions7-12
 Seat belt warning3-15
 Seat belts3-14
 Lap/shoulder belt3-15
 Pre-tensioner seat belt3-17
 Seat warmer3-8
 Seats3-2
 Folding the rear seat3-11
 Front seat adjustment - manual3-4
 Front seat adjustment - power3-9
 Headrest3-5
 Lumbar support3-7

Index

- Rear seat3-11
 - Seat warmer3-8
 - Shift lock system5-19
 - Side impact air bag3-41
 - Side repeater light bulb replacement7-57
 - Smart key4-5
 - Smooth cornering5-39
 - Snow tires5-42
 - Spare tire
 - Compact spare tire6-13
 - Compact spare tire replacement7-39
 - Removing and storing the spare tire6-8
 - Special driving conditions5-38
 - Driving at night5-39
 - Driving in flooded areas5-40
 - Driving in the rain5-40
 - Hazardous driving conditions5-38
 - Highway driving5-41
 - Rocking the vehicle5-38
 - Smooth cornering5-39
 - Speedometer4-40
 - Sports mode5-18
 - Starting difficulties, see engine will not start6-3
 - Starting the engine5-6, 5-9
 - Steering wheel4-31
 - Horn4-32
 - Power steering4-31
 - Tilt steering4-32
 - Steering wheel audio control4-98
 - Storage compartment4-90
 - Center console storage4-90
 - Glove box4-90
 - Sunglass holder4-91
 - Sunvisor4-93
 - Sunroof4-28
- ## T
- Tachometer4-40
 - Tether anchor system3-28
 - Theft-alarm system4-11
 - Tilt steering4-32
 - Tire specification and pressure label8-7
 - Tires and wheels7-34, 8-3
 - Checking tire inflation pressure7-35
 - Compact spare tire replacement7-39
 - Recommended cold tire inflation pressures7-34
 - Tire care7-34
 - Tire maintenance7-40
 - Tire replacement7-39
 - Tire rotation7-36
 - Tire sidewall labeling7-40
 - Tire traction7-40
 - Wheel alignment and tire balance7-37
 - Wheel replacement7-38
 - Towing6-15

Emergency towing6-17
 Removable towing hook6-16
 Trailer towing5-47
 Transaxle
 Automatic transaxle5-16
 Manual transaxle5-12
 Trip computer4-43
 Tripmeter4-44
 Trunk4-18
 Emergency trunk safety release4-19
 Turn signal light bulb replacement7-55

V

Vehicle break-in process1-4
 Vehicle certification label8-6
 Vehicle identification number (VIN)8-6
 Vehicle weight5-46
 Base curb weight5-46
 Cargo weight5-46
 GAW (Gross axle weight)5-46
 GAWR (Gross axle weight rating)5-46
 GVW (Gross vehicle weight)5-46
 GVWR (Gross vehicle weight rating)5-46

W

Washer fluid7-23
 Warnings and indicators4-46
 Weight5-46
 Base curb weight5-46
 Cargo weight5-46
 GAW (Gross axle weight)5-46
 GAWR (Gross axle weight rating)5-46
 GVW (Gross vehicle weight)5-46
 GVWR (Gross vehicle weight rating)5-46
 Wheel alignment and tire balance7-37
 Wheel replacement7-39
 Windows4-20
 Auto up/down window4-21
 Window opening and closing4-21
 Windshield defrosting and defogging4-87
 Defogging logic4-89
 Winter driving5-42
 Snow tires5-42
 Tire chains5-43
 Wiper blades7-28
 Wipers and washers4-63