



ATOS

Owner's Manual

RESPONSIBILITY FOR MAINTENANCE

The maintenance requirements for your new Hyundai are found in Section 5. As the owner, it is your responsibility to see that all maintenance operations specified by the manufacturer are carried out at the appropriate intervals. When the vehicle is used in severe driving conditions, more frequent maintenance is required for some operations. Maintenance requirements for severe operating conditions are also included in Section 5.

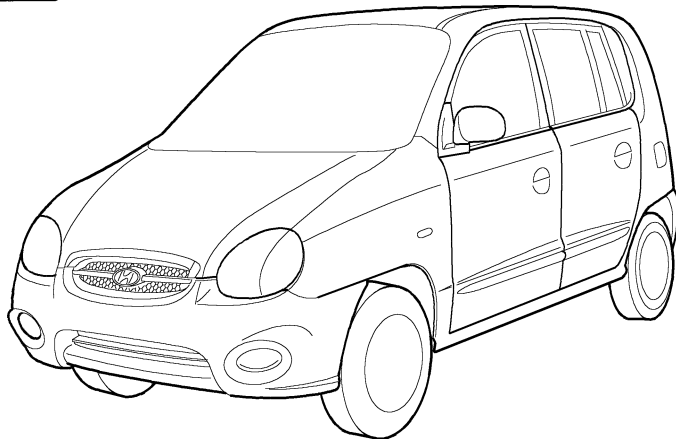
HYUNDAI

ATOS

OWNER'S MANUAL

A030A01X-GAT

Operation Maintenance Specifications



A030A02X

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 current 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 ATOS 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.

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 since 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 transaxle damage may result from the use of poor quality fuels and lubricants that do not meet Hyundai specifications. You must always use high quality fuels and lubricants that meet the specifications listed on Page 9-3 in the Vehicle Specifications section of the Owner's Manual.

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CAUTION: MODIFICATIONS TO YOUR HYUNDAI

Modification of components may void the manufacturer's warranty

Your Hyundai should not be modified in any way. Modifications may adversely affect the safety, durability and performance of your Hyundai. Components which are subjected to modification or are added to the vehicle resulting in consequential damage are not covered by the vehicle manufacturer's warranty.

SAFETY AND VEHICLE DAMAGE WARNING

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

WARNING:

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

CAUTION:

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

NOTE:

This indicates that interesting or helpful information is being provided.

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This Owner's Manual should be considered a part of the car and remain with it when it is sold for the use of the next owner.

OWNER'S I.D.

ORIGINAL:

NAME: _____

ADDRESS:

STREET: _____

TOWN: _____

COUNTRY: _____

P.CODE: _____

DATE OF SALE: _____

SUBSEQUENT:

NAME: _____

ADDRESS:

STREET: _____

TOWN: _____

COUNTRY: _____

P.CODE: _____

TRANSFER DATE: _____

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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 original manufacturing requirements. Using imitation, counterfeit or used salvage parts is not covered under the Hyundai

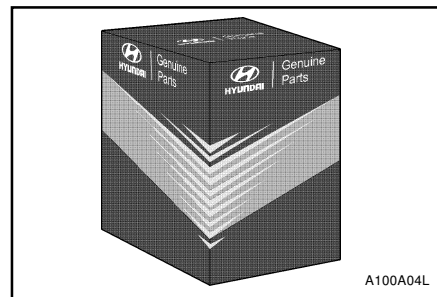
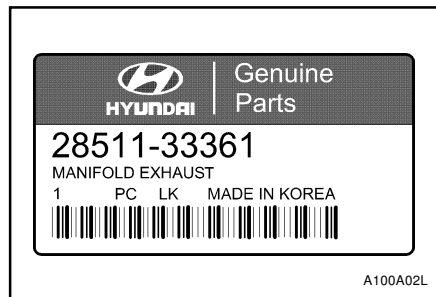
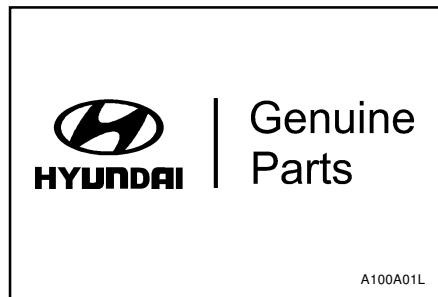
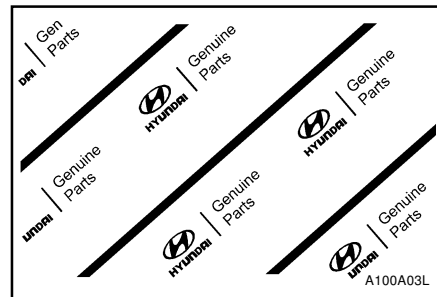
New Vehicle Limited Warranty or any other Hyundai warranty. In addition, any damage to or failure of Genuine Hyundai Parts caused by the installation or failure of an imitation, counterfeit or used salvage part is not covered by Hyundai Motor Company.

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

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

The export specifications are written in English only.

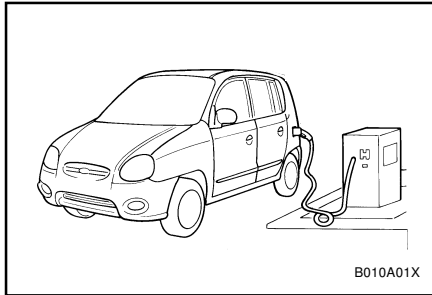
Hyundai Genuine Parts are only sold through authorized Hyundai Dealerships.



1. FEATURES OF YOUR HYUNDAI

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FUEL RECOMMENDATIONS Use Unleaded Gasoline



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Unleaded gasoline with a Pump Octane Rating of 87 (Research Octane Number 91) or higher must be used in Hyundai vehicle. If leaded gasoline is used, it will cause the catalytic converter to become ineffective and the emission control system to malfunction.

This can also result in increased maintenance expense. To avoid accidental use of leaded fuel, the larger nozzle used with leaded gasoline at service stations can not be inserted into fuel tank opening of Hyundai vehicle.

NOTE:

- o For some countries, Hyundai vehicles are designed to use leaded gasoline. When you are going to use leaded gasoline, ask to Hyundai dealer whether leaded gasoline in your vehicle is available or not.
- o Octane Rating of leaded gasoline is same with unleaded one.

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What About Gasohol?

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

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Do not Use Methanol

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

CAUTION:

Your Hyundai's New Vehicle Limited Warranty may not cover damage to the fuel system and performance problems that are caused by the use of methanol or fuels containing methanol.

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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 the Emission Control System performance.

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Operation in Foreign Countries

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

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

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BREAKING IN YOUR NEW HYUNDAI During the First 2,000 km (1,200 Miles)

No formal "break-in" procedure is required with your new Hyundai. However, you can contribute to the economical operation and durability of your Hyundai by observing the following recommendations during the first 2,000 km (1,200 miles).

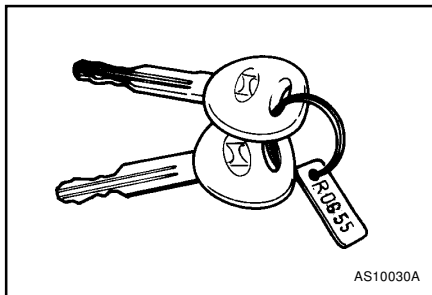
- o Don't drive faster than 88 km/h (55 mph).
- o While driving, keep your engine speed (rpm, or revolutions per minute) between 2000 and 4000 rpm.
- o Use moderate acceleration. Don't start quickly or depress the accelerator pedal fully.

FEATURES OF YOUR HYUNDAI

- o For the first 300 km (200 miles), try to avoid hard stops.
- o Don't lug the engine (in other words, don't drive so slowly in too high a gear that the engine "bucks" shift to a lower gear).
- o Whether going fast or slow, vary your speed from time to time.
- o Don't let the engine idle longer than 3 minutes for a catalytic converter-equipped engine.

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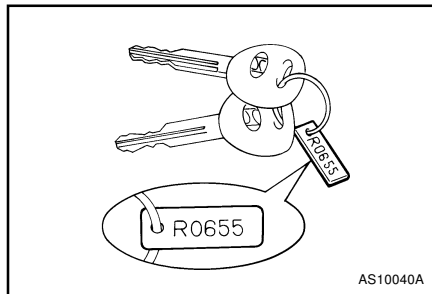
KEYS



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

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Record Your Key Number



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

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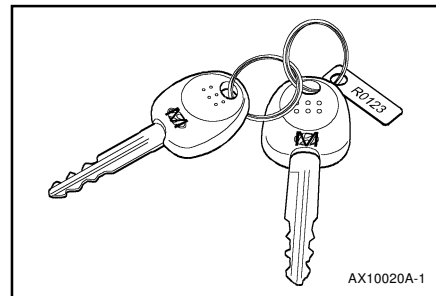
IMMOBILIZER SYSTEM

(If Installed)

The immobilizer system is an anti-theft device, designed to deter automobile theft.

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Keys



All of the locks fitted to the vehicle are operated by the same key. However, since it is possible to lock the doors without the use of the key, care should be exercised to ensure that the key does not become locked inside the vehicle by mistake.

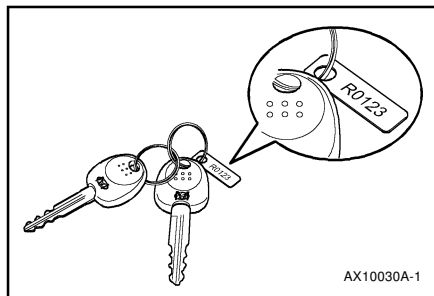
NOTE:

If you make your own duplicate key, you will not be able to cancel the system or start the engine.

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Key Numbers



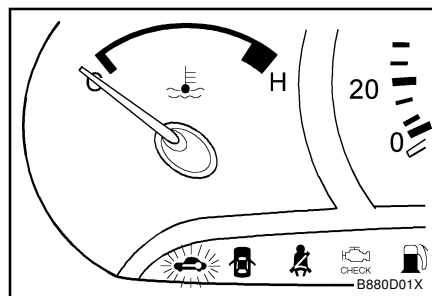
The vehicle key number is recorded upon a metal tag attached to the keys when the vehicle is first delivered to you.

The key number should be recorded and kept in a safe place in case the need to order further keys arises. New keys are available from any Hyundai dealer by quoting the relevant key number.

In the interest of security, the metal tag attached to the keys which bears the key number should be removed from the key ring after you receive your new vehicle. In addition, key numbers cannot be provided by Hyundai for security reasons. If you need additional keys or if you should lose your keys, your authorized Hyundai dealer can make new keys.

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Limp home procedures



In case the immobilizer warning indicator blinks for five seconds when the ignition key is turned to "ON" position, this indicates that the immobilizer system is out of order. And you cannot start the engine without the limp home procedures with ignition key.

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

NOTE:

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

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

NOTE:

If the engine dies while driving after limp home procedure, you can start your engine within 8 seconds without limp home procedure again.

5. If the immobilizer indicator blinks for five seconds, you have to try the limp home procedure again from the beginning.

After doing the limp home procedure, you have to consult with your authorized Hyundai dealer as soon as possible.

FEATURES OF YOUR HYUNDAI

CAUTION:

- o If you fail to try the limp home procedure with the sequence of three times, you have to wait for about one hour to do the limp home procedure again.
- o If you cannot start your engine in spite of limp home procedure, have your vehicle towed by an authorized Hyundai dealer.

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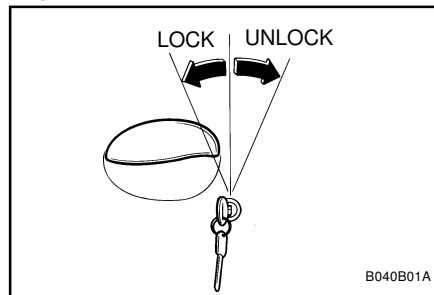
DOOR LOCKS

WARNING:

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

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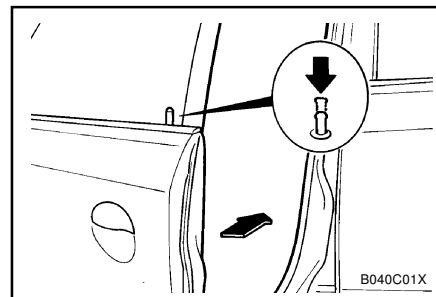
Locking, Unlocking Front Doors With a Key



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

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Locking from Outside



The doors can be locked without a key. First depress the lock button, then close the door.

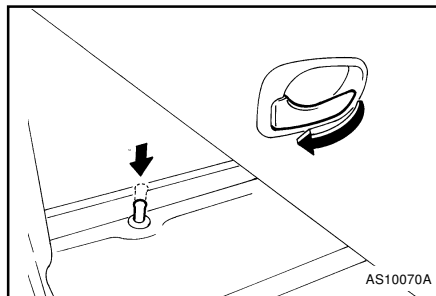
NOTE:

- o When locking the door this way, be careful not to lock the door with the ignition key left in the vehicle.
- o To prevent theft, always remove the ignition key, close all windows, and lock all doors when leaving your vehicle unattended.

FEATURES OF YOUR HYUNDAI

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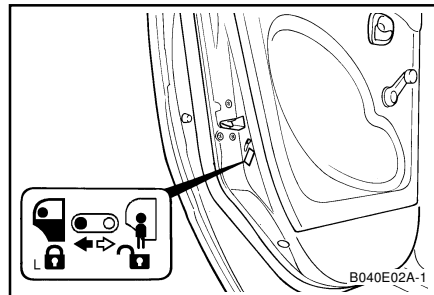
Locking from the Inside





To lock your Hyundai from the inside, simply close the door and push the lock button down. When this is done, the door cannot be opened using either the inside or the outside door handle. To unlock the car from the inside, pull up the lock button and then pull the inside door handle.

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CHILD-PROTECTOR REAR DOOR LOCK



Your Hyundai is equipped with a "child-protector" rear door lock assembly. When the lock mechanism is engaged, the rear door cannot be opened from the inside. It's use is recommended whenever there are small children in the rear seat.

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

If you wish to be able to open the door from the outside, the outside door handle will function normally.

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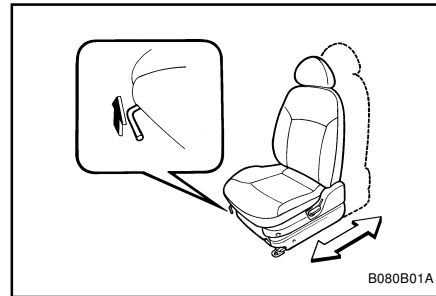
ADJUSTABLE FRONT SEATS

WARNING:

Never attempt to adjust the seat while the vehicle is moving. This could result in loss of control, or an accident which may cause death, serious injury, or property damage.

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Adjusting Seat Forward and Rearward

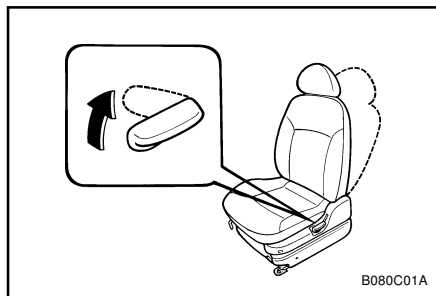


To move the seat toward the front or rear, pull the lock release lever upward. This releases the seat on its track so you can move it forward or rearward to the desired position. When you find the position you want, release the lever and slide the seat forward or rearward on its track until it locks into the desired position and cannot be moved further.

FEATURES OF YOUR HYUNDAI

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Adjusting Seatback Angle



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

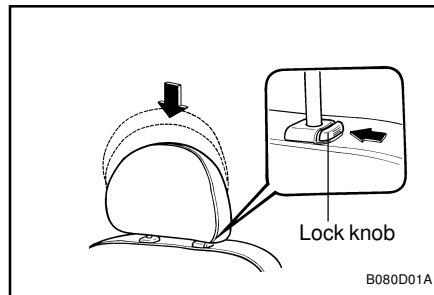
WARNING:

To minimize risk of severe injury in the event of a collision or a sudden stop, both the driver and passenger seatbacks should always be in an upright position while the vehicle is in motion. The protection provided by the seat belts and airbags may be reduced significantly when the seatbacks are reclined. There is greater risk that the driver and passenger will slide under the belt which may result in serious injury if a crash occurs when the seatbacks are reclined.

The seat belt cannot provide full protection to an occupant if the seat back is reclined.

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Adjustable Headrests (If installed)



Headrests are designed to help reduce the risk of neck injuries.

To raise the headrest, pull it up. To lower it, push it down while pressing the lock knob.

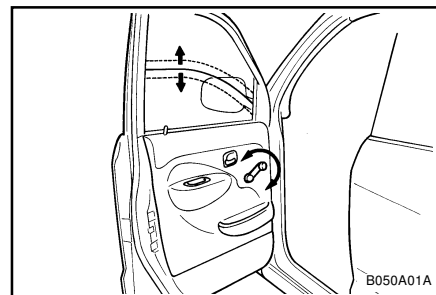
WARNING:

- o For maximum effectiveness in case of an accident the headrest should be adjusted so the top of the headrest is at the same height as the top of the occupant's ears. For this reason, the use of a cushion that holds the body away from the seatback is not recommended.
- o Do not operate vehicle with the headrests removed as severe injury to an occupant may occur in the event of an accident.

Headrests may provide protection against neck injuries when properly adjusted.

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WINDOW GLASS



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

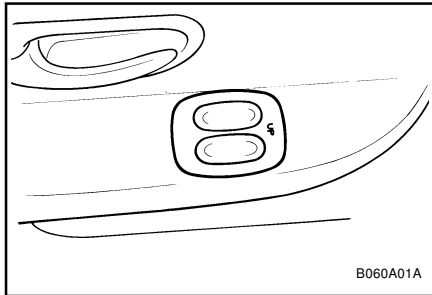
WARNING:

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

FEATURES OF YOUR HYUNDAI

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POWER WINDOWS (If installed)



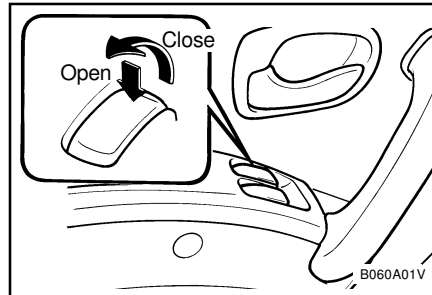
The power windows operate only when the ignition key is in the "ON" position. The main switches are located on the driver's armrest and control the front windows. The windows may be operated by depressing the desired switch.

WARNING:

- o Be careful that head, hands and body are not trapped by a closing window.
- o If passengers remain in the car when you leave, especially if a child remains alone, always remove the ignition key for safety.

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POWER WINDOWS (If installed)



The power windows operate only when the ignition key is in the "ON" position. The main switches are located on the driver's armrest and control the front windows.

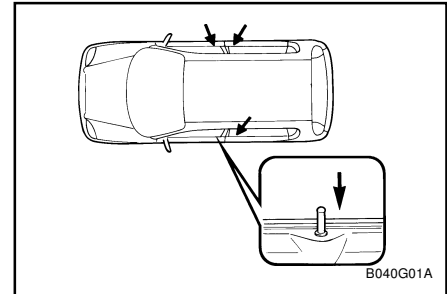
The windows may be opened by depressing the appropriate window switch and closed by pulling up the switch.

WARNING:

- o Be careful that head, hands and body are not trapped by a closing window.
- o If passengers remain in the car when you leave, especially if a child remains alone, always remove the ignition key for safety.

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CENTRAL DOOR LOCKING SYSTEM (If Installed)



This system is controlled by the driver's door lock and operates the passenger door locks. When the driver's door is locked, the passenger doors are locked automatically.

If a rear door is open when the latch is depressed, it will remain locked when closed. If the front passenger door is open when the latch is locked, the outside door handle must be held in the raised position. When the door is closed, the door will remain locked. All doors will be unlocked automatically whenever the driver's door is unlocked whether by key or latch.

B150A01X-GAT

SEAT BELT PRECAUTIONS

All occupants of the vehicle should wear their seat belts at all times. Indeed, your local's laws may require that some or all occupants of the vehicle use seat belts.

FEATURES OF YOUR HYUNDAI

The possibility of injury or the severity of injury in an accident will be decreased if this elementary safety precaution is observed. In addition, the following recommendations are made:

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Infant or Small Child

Some countries require the use of child restraint systems for infants and small children. Whether this is required by law or not, it is strongly recommended that a child restraint seat or infant restraint system be used for infants or small children weighing less than 18 kilograms (40 pounds).

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Larger Children

Children who are too large for child restraint systems should occupy the **rear seat** and use the available lap/shoulder belts. The lap portion should be fastened snug on the hips and as low as possible. Check belt fit periodically. A child's squirming could move the belt out of position.

If the larger child (over age 13) is in the front seat, the child should be securely restrained by the seat belt. Under no circumstances should the child be allowed to stand or kneel on the seat. Children are afforded the most safety in the event of an accident when they are restrained by a proper restraint system in the **rear seat**. Never allow children to ride in the front passenger seat.

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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.

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Injured Person

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

B150F01A-AAT

One Person Per Belt

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

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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 operate properly if the person is lying down in the rear seat or if the front seat is in a reclined position.

WARNING:

Sitting in a reclined position or lying down when your vehicle is in motion can be dangerous. Even if you buckle up, your seat belts can't do their job when you're reclined.

The shoulder belt can't do its job because it won't be against your body. Instead, it will be in front of you. In a crash you could go into it with great force, receiving serious neck or other injuries.

The lap belt can't do its job either. In a crash the belt could go up over your abdomen. The belt forces would be applied there, not at your pelvic bones.

This could cause serious internal injuries. For proper protection when the vehicle is in motion, have the seatback upright. Then sit well back in the seat and wear your seat belt properly.

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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.

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Periodic Inspection

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

FEATURES OF YOUR HYUNDAI

B160C01A-AAT

Keep Belts Clean and Dry

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

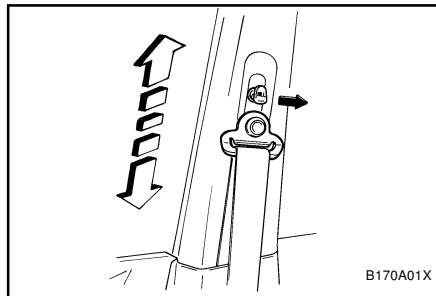
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When to Replace Seat Belts

The entire 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 your Hyundai Dealer.

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HEIGHT ADJUSTABLE FRONT SEAT SHOULDER BELT (If installed)



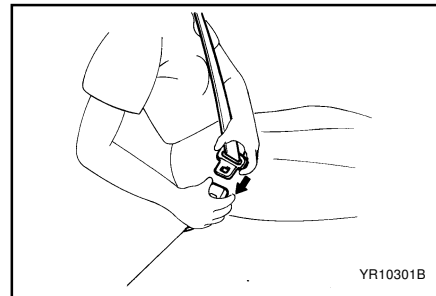
You can adjust the height of the front seat shoulder belt anchor to one of 4 positions. The shoulder belt should be adjusted so that it fits midway over the shoulder, and NEVER across the neck. To adjust the height of the shoulder belt anchor, pull on the height adjuster knob and then lower or raise the height adjuster into an appropriate. To raise the height adjuster, pull it up. To lower it, push it down while pressing the height adjuster button. Release the knob to lock the anchor into position. Try to slide the anchor upward and downward after releasing the knob to make sure that it has locked into position.

WARNING:

- o The height adjuster must be in the locked position whenever the vehicle is moving.
- o The misadjustment of height of the shoulder belt could reduce the effectiveness of the seat belt in a crash.

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



To fasten your seat belt, pull it out of the retractor and insert the metal tab into the buckle. There will be an audible "click" when the tab locks into the buckle.

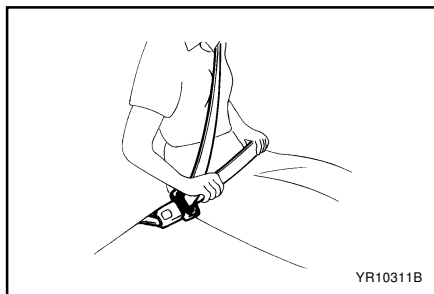
The seat belt automatically adjusts to the proper length only after the lap belt is adjusted manually so that it fits snugly around your hips.

If you lean forward in a slow, easy motion, the belt will extend and let you move around. If there is a sudden stop or impact, however, the belt will lock into position. It will also lock if you try to lean forward too quickly. Check to make sure that the belt is properly locked and that the belt is not twisted.

FEATURES OF YOUR HYUNDAI

B200A01A-GAT

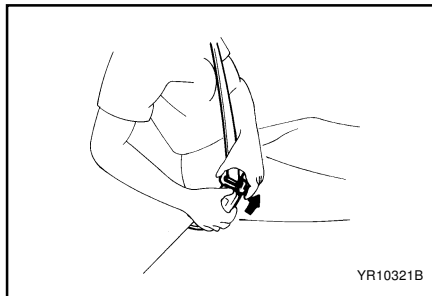
Adjusting Your Seat Belt



You should place the belt as low as possible on your hips, not on your waist. If located too high on your body, the chances of sliding out from under it and suffering serious injury or death are increased. Both arms should not be under or over the belt. Rather, one should be over and the other under, as shown in the illustration.

B210A01A-AAT

To Release the Seat Belt



The seat belt is released by pressing the release button in the locking buckle. When it is released, the belt should automatically draw back into the retractor.

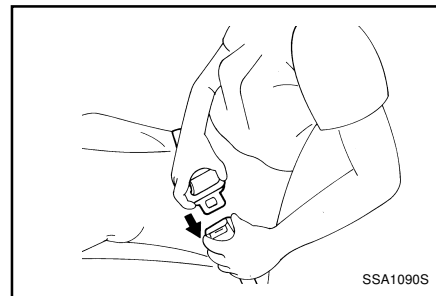
If this does not happen, check the belt to be sure it is not twisted, then try again.

B220A01A-AAT

SEAT BELTS (2-Point Static Type)

(Rear Seat Center)

To Fasten Your Seat Belt

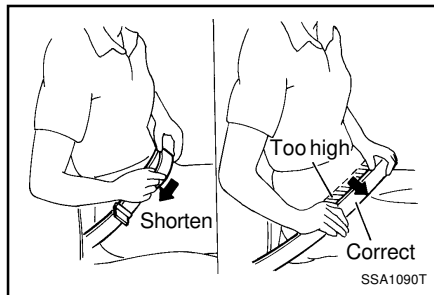


To fasten a 2-point static type belt, insert the metal tab into the locking buckle. There will be an audible "click" when the tab locks into the buckle. Check to make sure the belt is properly locked and that the belt is not twisted.

FEATURES OF YOUR HYUNDAI

B220B01A-AAT

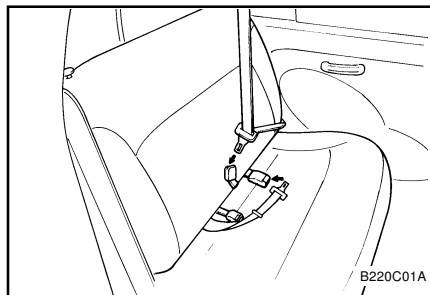
Adjusting Your Seat Belt



With a 2-point static type seat belt, the length must be adjusted manually so it fits snugly around your body. Fasten the belt and pull on the loose end to tighten. The belt should be placed as low as possible on your hips, not on your waist. If the belt is too high, it could increase the possibility of your being injured in an accident.

B220C01A-AAT

To Release the Seat Belt



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

WARNING:

The center lap belt latching mechanism is different from those for the rear seat shoulder belts. When fastening the rear seat shoulder belts or the center lap belt, make sure they are inserted into the correct buckle to obtain maximum protection from the seat belt system and assure proper operation.

B230A02P-GAT

CHILD RESTRAINT SYSTEM

(If installed)

Children riding in the car should sit in the rear seat and must always be 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 should use one of the seat belts provided.

You are required by law to use safety restraints for children. If small children ride in your vehicle you must put them in a child restraint system (safety seat).

Children could be injured 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:

- o **A child restraint system must be placed in the rear seat. Never install a child or infant seat on the front passenger's seat. Should an accident occur and cause the passenger side airbag to deploy, it could severely injure or kill an infant or child seated in an infant or child seat. Thus, only use a child restraint in the rear seat of your vehicle.**

FEATURES OF YOUR HYUNDAI

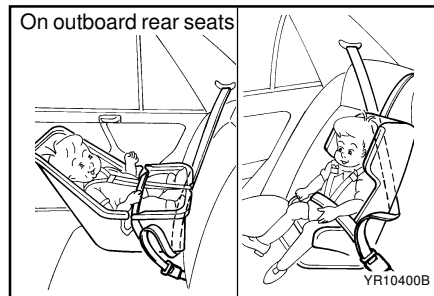
- o Since a safety belt or child restraint system can become very hot if it is left in a closed vehicle, be sure to check the seat cover and buckles before placing a child there.
- o When the child restraint system is not in use, fasten it with a safety belt so that it will not be thrown forward in the case of a sudden stop or an accident.
- o Children who are too large to be in a child restraint should sit in the rear seat and be restrained with the available lap/shoulder belts. Never allow children to ride in the front passenger seat.
- o Always make sure that the shoulder belt portion of the outboard lap/shoulder belt is positioned midway over the shoulder, never across the neck. Moving the child closer to the center of the vehicle may help provide a good shoulder belt fit. The lap belt portion of the lap/shoulder belt or the center seat lap belt must always be positioned as low as possible on the child's hips and as snug as possible.
- o If the seat belt will not properly fit the child, we recommend the use of an approved booster seat in the rear seat in order to raise the child's seating height so that the seat belt will properly fit the child.
- o Never allow a child to stand up or kneel on the seat.
- o Never use an infant carrier or child safety seat that "hooks" over a seatback; it may

not provide adequate security in an accident.

- o Never allow a child to be held in a person's arms while they are in a moving vehicle, as this could result in serious injury to the child in the event of an accident or a sudden stop. Holding a child in a moving vehicle does not provide the child with any means of protection during an accident, even if the person holding the child is wearing a seat belt.

B230G01A-GAT

Installation on Outboard Rear Seats



To install a child restraint system in the outboard rear seats, extend the shoulder/lap belt from its retractor. Install the child restraint system, buckle the seat belt and allow the seat belt to take up any slack. Make sure that the lap portion of the belt is tight around the child restraint system and the shoulder portion of the belt is positioned so that it cannot interfere with the child's head or neck.

After installation of the child restraint system, try to move it in all directions to be sure the child restraint system is securely installed.

If you need to tighten the belt, pull more webbing toward the retractor. When you unbuckle the seat belt and allow it to retract, the retractor will automatically revert back to its normal seated passenger emergency locking usage condition.

NOTE:

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

WARNING:

Do not install any child restraint system in the front passenger seat. Should an accident occur and cause the passenger side airbag to deploy, it could severely injure or kill an infant or child seated in an infant or child seat. Therefore, only use a child restraint system in the rear seat of your vehicle.

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B230H01X-GAT

Child Seat Restraint Suitability For Seat Position

Use child safety seats that have been officially approved and are appropriate for your children.

Age Group	Seating Position		
	Front Passenger	Rear Outboard	Rear Center
0 : Up to 10 kg (0 ~ 9 months)	X	U	X
0+ : Up to 13 kg (0 ~ 2 years)	X	U	X
I : 9kg to 18kg (9 months ~ 4 years)	UF	U	UF
II & III : 15kg to 36kg (4 ~ 12 years)	UF	UF	UF

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

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

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

B180B01X-GAT

Pre-tensioner Seat Belt (If installed)

Ordinarily the pre-tensioner seat belt operates in the same way as E.L.R (Emergency Locking Retractor) type **(When vehicles stop suddenly, the belt will lock into the position. It will also lock if you try to lean forward too quickly.)**. However, when vehicles crash, the retractor rewinds the belt webbing. This will restrain the passenger movement quickly and also reduce the slack between passenger and belt webbing.

NOTE:

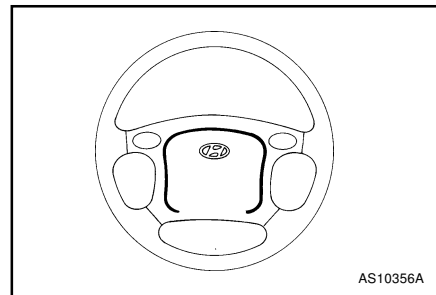
- o When the pre-tensioner seat belt is activated, there may be an explosion noise. This noise is normal and is not hazardous.
- o Pre-tensioner seat belt is designed to operate only when a sufficiently severe impact occurs and it will be only operated once.

WARNING:

If the pre-tensioner seat belt was activated, never attempt to replace it by yourself. It must be replaced by an authorized Hyundai Dealer.

B240A03F-AAT

SUPPLEMENTAL RESTRAINT (AIRBAG) SYSTEM (If installed)



Your Hyundai is equipped with a Supplemental Restraint (Airbag) System. The indications of the system's presence are the letters "SRS AIRBAG" embossed on the airbag pad cover in the steering wheel and the passenger's side front panel pad above the glove box.

The Hyundai SRS consists of airbags installed under the pad covers in the center of the steering wheel and the passenger's side front panel above the glove box. The purpose of the SRS is to provide the vehicle's driver and the front passenger with additional protection when used together with the seat belt, in case of a frontal impact.

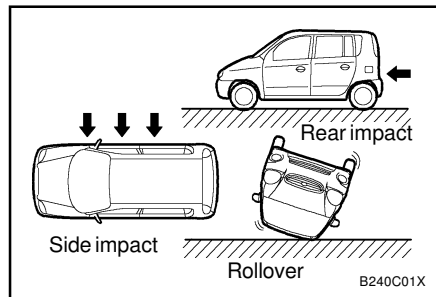
NOTE:

Be sure to read information about the SRS on the labels provided on the backside of the sun visor and in the glove box.

FEATURES OF YOUR HYUNDAI

WARNING:

- o As its name implies, the SRS is designed to work with, and be supplemental to, the driver's and the passenger's three point seat belt systems and is not a substitute for them. Therefore, your seat belts must be worn at all times while the vehicle is in motion. The airbags deploy only in certain frontal impact conditions severe enough to likely cause significant injury to the vehicle occupants.
- o The SRS is designed to deploy the airbags only when an impact is sufficiently severe and when the impact angle is less than 30° from the forward longitudinal axis of the vehicle and will not deploy in side, rear or rollover impacts. Additionally, the airbags will only deploy once. Thus, seat belts must be worn at all times.



- o Front airbags are not intended to deploy in side-impact, rear-impact or rollover

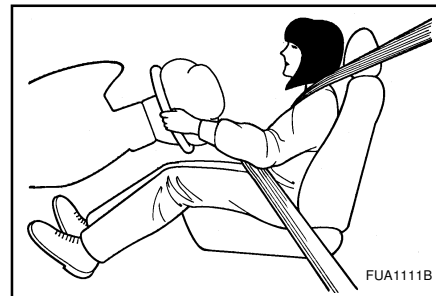
crashes. In addition, airbags will not deploy in frontal crashes below the deployment threshold speed.

- o The driver should sit back as far as possible while still maintaining control of the vehicle. If you are sitting too close to the airbag, it can cause death or serious injury when it inflates.
- o No objects should be placed over or near the airbag modules on the steering wheel, instrument panel, and the front passenger's panel above the glove box, because any such object could cause harm if the vehicle is in a crash severe enough to cause the airbags to deploy.
- o If the airbags deploy, they must be replaced by an authorized Hyundai dealer.
- o Do not tamper with or disconnect SRS wiring, or other components of the SRS system. Doing so could result in injury, due to accidental firing of the airbags or by rendering the SRS inoperative.
- o Do not install a child restraint system in the front passenger seat position. A child restraint system must never be placed in the front seat. The infant or child could be severely injured or killed by an airbag deployment in case of an accident. Do not allow children to ride in the front passenger seat. If also children (teenagers and older) must ride in the front seat, make sure they are always properly belted and that the seat is moved back as far as possible.

- o For maximum safety protection in all types of crashes, all occupants including the driver should always wear their seat belts whether or not an airbag is also provided at their seating position to minimize the risk of severe injury or death in the event of a crash. Do not sit or lean unnecessarily close to the airbag while the vehicle is in motion.
- o The SRS airbag system must deploy very rapidly to provide protection in a crash. If an occupant is out of position because of not wearing a seat belt, the airbag may forcefully contact the occupant causing serious or fatal injuries.

B240B03A-AAT

SRS Components and Functions

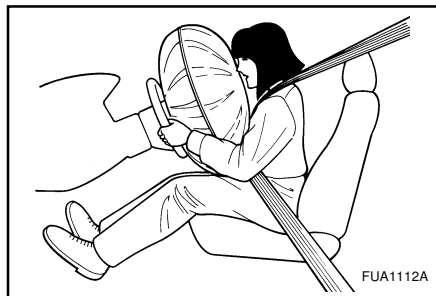


FEATURES OF YOUR HYUNDAI

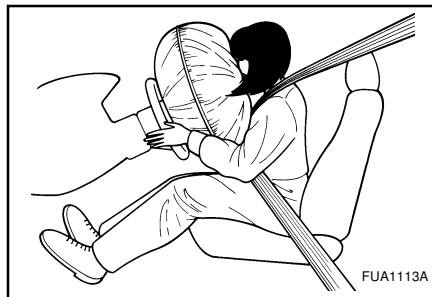
The SRS consists of the following components:

- Driver's Airbag Module
- Passenger's Airbag Module
- SRS Service Reminder Indicator (SRI)
- SRS Control Module (SRSCM)

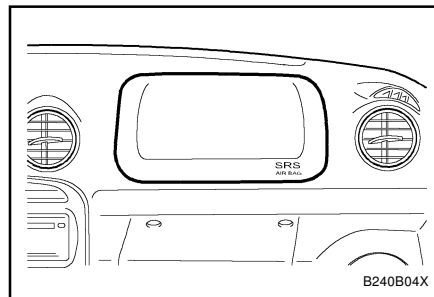
The SRSCM continually monitors all elements while the ignition is "ON" to determine if a frontal or near-frontal impact is severe enough to require airbag deployment.



The SRS service reminder indicator (SRI) on the instrument panel will blink for about 6 seconds after the ignition key is turned to the "ON" position or after the engine is started, after which the SRI should go out.



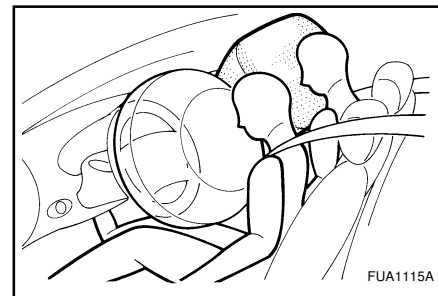
The airbag modules are located both in the center of the steering wheel and in the front passenger's panel above the glove box. When the SRSCM detects a considerable impact to the front of the vehicle, it will automatically deploy the airbags.



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

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

After complete inflation, the airbag immediately starts deflating, enabling the driver to maintain forward visibility.



CAUTION:

When installing a container of liquid air freshener inside a vehicle, do not place it near the instrument cluster nor on the instrument panel pad surface. If there is any leakage from the air freshener onto these areas (Instrument

FEATURES OF YOUR HYUNDAI

cluster, instrument panel pad or air ventilator), it may damage these parts. If the liquid from the air freshener does leak onto these areas, wash them with water immediately.

WARNING:

- o When the SRS is activated, there may be a loud noise and fine dust will be released through out the vehicle. These conditions are normal and are not hazardous. However, the fine dust generated during airbag deployment may cause skin irritation. Be sure to wash your hands and face thoroughly with lukewarm water and a mild soap after an accident in which the airbags were deployed.
- o The SRS can function only when the ignition key is in the "ON" position. If the SRS SRI does not come on, or continuously remains on, after flashing for about 6 seconds when the ignition key is turned to the "ON" position, or after the engine is started, or comes on while driving, the SRS is not working properly. If this occurs, have your vehicle immediately inspected by your Hyundai dealer.
- o Before you replace a fuse or disconnect a battery terminal, turn the ignition key to the "LOCK" position or remove the ignition key. Never remove or replace the air bag related fuse(s) when the ignition key is in the "ON" position. Failure to heed this warning will cause the SRS SRI to illuminate.

B240C01Y-GAT

SRS Care

The SRS is virtually maintenance-free and so there are no parts you can safely service by yourself. The entire SRS system must be inspected by an authorized Hyundai dealer in 10 years after the date that the vehicle was manufactured.

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



WARNING:

- o Extreme Hazard! Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!
- o 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.

- o For cleaning the airbag pad covers, use only a soft, dry cloth or one which has been moistened with plain water. Solvents or cleaners could adversely affect the airbag covers and proper deployment of the system.
- o No objects should be placed over or near the airbag modules on the steering wheel, instrument panel, and the front passenger's panel above the glove box, because any such object could cause harm if the vehicle is in a crash severe enough to cause the airbags to inflate.
- o If the airbags inflate, they must be replaced by an authorized Hyundai dealer.
- o Do not tamper with or disconnect SRS wiring, or other components of the SRS system. Doing so could result in injury, due to accidental firing of the airbags or by rendering the SRS inoperative.
- o Do not install a child restraint system in the front passenger seat position. A child restraint system must never be placed in the front seat. The infant or child could be severely injured by an airbag deployment in case of an accident.
- o If components of the airbag system must be discarded, or if the vehicle must be scrapped, certain safety precautions must be observed. Your Hyundai dealer knows these precautions and can give you the

FEATURES OF YOUR HYUNDAI

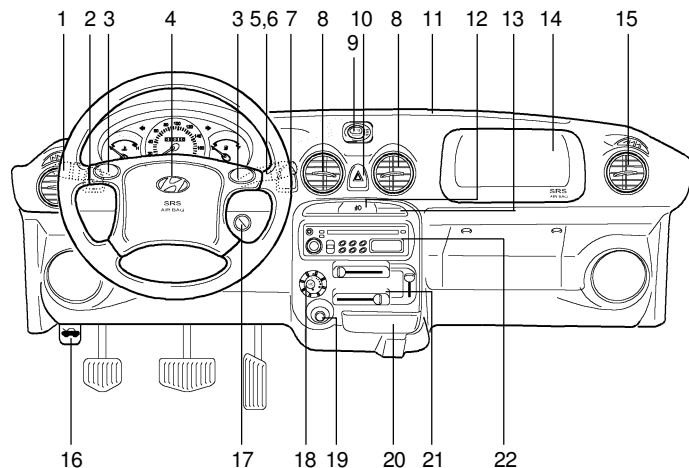
necessary information. Failure to follow these precautions and procedures could increase the risk of personal injury.

- o If you sell your vehicle, be sure to inform the new owner of these important points and make certain that this manual is transferred to the new owner.
- o If your car was flooded and has soaked carpeting or water on flooring, you shouldn't try to start engine; have the car towed to authorized Hyundai dealer.

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B250A02X-GAT

INSTRUMENTS AND CONTROLS



CAUTION:

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

1. Multi-Function Light Switch
2. Headlight Leveling Device (If installed)
3. Horn Button
4. Driver's Airbag (If installed)
5. Windshield Wiper/Washer Switch
6. Rear Wiper Switch/Rear Washer Switch (If installed)
7. Rear Defroster Switch

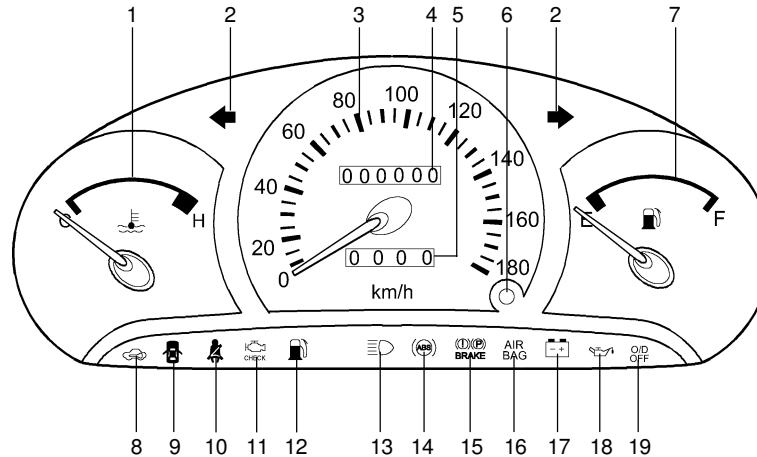
8. Center Air Vent Louver
9. Digital Clock (If installed)
10. Hazard Warning Switch
11. Defroster Ventilation Outlet
12. Front Fog Light Switch (If installed)
13. Rear Fog Light Switch (If installed)
14. Passenger's Airbag (If installed)
15. Side Air Vent Louver

16. Hood Release Lever
17. Ignition Switch and Keys
18. Air Conditioning Switch
19. Cigarette Light
20. Ashtray
21. Heating/Air Conditioning Control Panel
22. Audio System

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B260B01X-GAT

INSTRUMENT CLUSTER AND INDICATOR



B260A03X

- | | | |
|--------------------------------|---|---|
| 1. Temperature Gauge | 8. Immobilizer Warning Indicator Light | 15. Parking Brake/Brake Fluid Level Warning Light |
| 2. Turn Signal Indicator Light | 9. Door Ajar Warning Light | 16. SRS Service Reminder Indicator (If installed) |
| 3. Speedometer | 10. Seat Belt Warning Light | 17. Charging System Warning Light |
| 4. Odometer | 11. Malfunction Indicator Lamp (MIL) (If installed) | 18. Oil Pressure Warning Light |
| 5. Trip Odometer | 12. Low Fuel Warning Light | 19. Overdrive Off Indicator Light (Auto T/A only) |
| 6. Trip Odometer Reset button | 13. High Beam Indicator Light | |
| 7. Fuel Gauge | 14. ABS Service Reminder Indicator (If installed) | |

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B260D01A-AAT



Turn Signal Indicator Lights

The blinking green arrows on the instrument panel show the direction indicated by the turn signals. If the arrow comes on but does not illuminate, 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.

B260P02Y-AAT



ABS Service Reminder Indicator (SRI) (If installed)

When the key is turned to the "ON" position, the ABS SRI will come on and then go off in a few seconds. If the ABS SRI remains on, comes on while driving, or does not come on when the key is turned to the "ON" position, this indicates that there may be a problem with the ABS.

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

CAUTION:

If the both ABSSRI and Parking Brake/Brake fluid level warning lights remain "ON" or come on while driving, there may be a problem with E.B.D (Electronic Brake Force Distribution).

If this occurs, avoid sudden stops and have your vehicle checked by your Hyundai dealer as soon as possible.

B260C01A-AAT



O/D OFF Indicator (If installed)

When the overdrive switch is turned on, the overdrive off indicator will go out. This amber indicator will be illuminated when the overdrive switch is turned off. (Auto T/A only)

B260F01A-AAT



High Beam Indicator Light

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

B260E02A-GAT



Seat Belt Reminder Light

The seat belt reminder light comes on until your seat belt is fastened when the ignition key is turned from the "OFF" position to "ON" or "START".

B260G01A-AAT



Oil Pressure Warning Light

CAUTION:

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

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

B260H03A-AAT



Parking Brake/Brake Fluid Level Warning Light

WARNING:

If you suspect brake trouble, have your brakes checked by a Hyundai dealer as soon as possible. Driving your car with a problem in either the brake electrical system or brake

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hydraulic system is dangerous, and could result in serious injury or death.

Warning Light Operation

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

If the parking brake is not applied, the warning light should come on when the ignition switch is turned to "ON" or "START", then go out when the engine starts. If the light comes on at any other time, you should slow the vehicle and bring it to a complete stop in a safe location off the road-way.

The brake warning light indicates that the brake fluid level in the brake master cylinder is low and hydraulic brake fluid conforming to DOT 3 or DOT 4 specifications should be added. After adding fluid, if no other trouble is found, the car should be immediately and carefully driven to a Hyundai dealer for inspection. If further trouble is experienced, the vehicle should not be driven at all but taken to a dealer by a professional towing service or some other safe method. Your Hyundai is equipped with dual-diagonal braking systems. This means you still have braking on two wheels even if one of the dual systems should fail. With only one of the dual systems working, more than normal pedal travel and greater pedal pressure are required to stop the car. Also, the car will not stop in as short a

distance with only half 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.

B260J01S-GAT



Charging System Warning Light

The charging system warning light should come on when the ignition is turned on, then go out when the engine is running. If the light stays on while the engine is running, there is a malfunction in the electrical charging system. If the light comes on while you are driving, stop, turn off the engine and check under the hood. First, make certain the generator drive belt is in place. If it is, check the tension of the belt.

And then, have the system checked by your Hyundai dealer.

CAUTION:

If the drive belt (generator belt) is loosen, broken, or mission while the vehicle is driving, there may be a serious malfunction, engine could overheat because this belt also drives the water pump.

B260L01A-GAT



Door Ajar Warning Light

The door ajar warning light warns you that a door is not completely closed.

B260M01A-AAT



Low Fuel Level Warning Light

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

B260B01S-GAT



SRS (Airbag) Service Reminder Indicator (SRI) (If installed)

The SRS service reminder indicator (SRI) comes on and flashes for about 6 seconds after the ignition key is turned to the "ON" position or after the engine is started, after which it will go out.

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

B270A01A-AAT

BRAKE PAD WEAR WARNING SOUND

The front disc brake pads have wear indicators that should make a high-pitched squealing or scraping noise when new pads are needed. The sound may come and go or be heard all the time when the vehicle is moving. It may also be heard

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when the brake pedal is pushed down firmly. Excessive rotor damage will result if the worn pads are not replaced. See your Hyundai dealer immediately.

B260N02A-AAT



Malfunction Indicator Light (If installed)

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

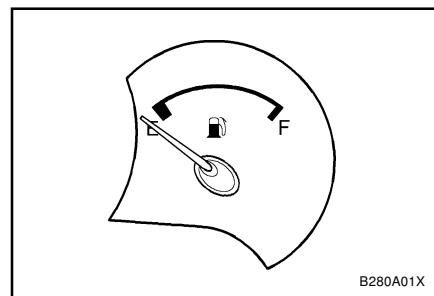
B900A01A-GAT

ACOUSTIC WARNING SOUND (If installed)

The acoustic warning chime sounds when the tail lights are on and the door in driver side is open. This prevents the battery from discharging when the car is left with the tail lights on. The chime sounds until the tail lights are turned off.

B280A01A-AAT

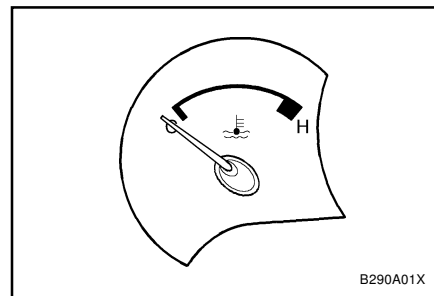
FUEL GAUGE



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

B290A02A-AAT

ENGINE COOLANT TEMPERATURE GAUGE



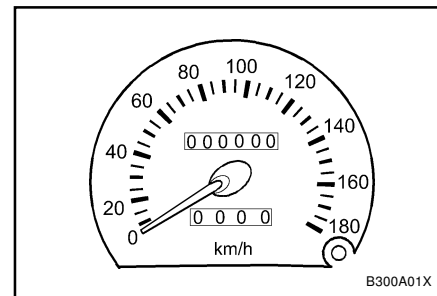
WARNING:

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

The needle on the engine coolant temperature gauge should stay in the normal range. If it moves across the dial to "H" (Hot), pull over and stop as soon as possible and turn off the engine. Then open the hood and check the coolant level and the water pump drive belt. If you suspect cooling system trouble, have your cooling system checked by Hyundai dealer as soon as possible.

B300A01A-GAT

SPEEDOMETER



Your Hyundai's speedometer is calibrated in kilometers per hour or miles per hour.

FEATURES OF YOUR HYUNDAI

B310A01A-GAT

ODOMETER

The odometer records the total driving distance in kilometers or miles, and is useful for keeping a record for maintenance intervals.

NOTE:

Any alteration of the odometer may void your warranty coverage.

B320A01A-GAT

TRIP ODOMETER

The trip odometer may be used to conveniently record trip distances. Push the reset knob to set the counter to zero.

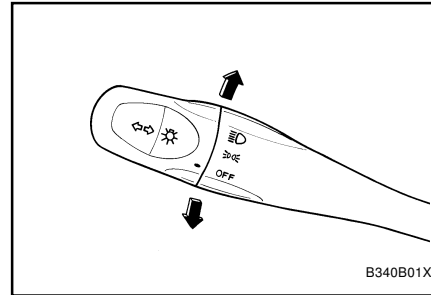
B340A01A-AAT

COMBINATION TURN SIGNAL, HEADLIGHT AND HIGH-BEAM SWITCH Turn Signal Operation

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

B340B01A-AAT

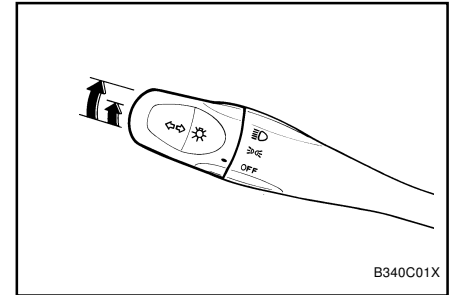
Lane Change Signal



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

B340C01A-AAT

Headlight Switch



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

B340F01A-GAT

Daytime Running Lights (If Installed)

Your Hyundai is equipped with daytime running lights. The daytime running lights are used to improve visibility for oncoming traffic. Your vehicle daytime running lights are designed to remain on continuously when the engine is operating even though the headlight switch is in the "OFF" position. However, the daytime running lights will be off while the parking brake is applied.

FEATURES OF YOUR HYUNDAI

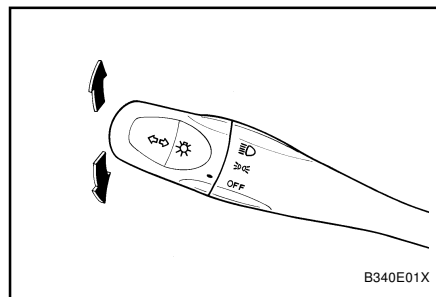
B340D01A-AAT

High-Beam Switch

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

B340E01A-AAT

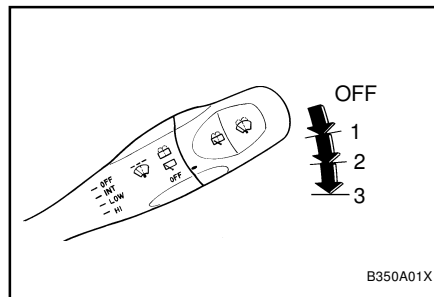
Headlight Flasher



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

B350A01A-AAT

WINDSHIELD WIPER AND WASHER SWITCH



The windshield wiper switch has three positions:

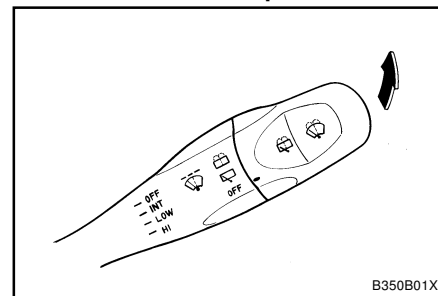
1. Intermittent wiper operation
2. Low-speed operation
3. High-speed operation

NOTE:

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

B350B01A-AAT

Windshield Washer Operation



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

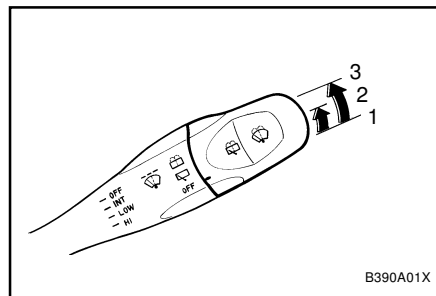
NOTE:

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



FEATURES OF YOUR HYUNDAI

B390A01X-GAT

REAR WINDOW WIPER AND WASHER (If installed)



To operate the rear wiper and washer, turn the barrel on the end of the multifunction switch.

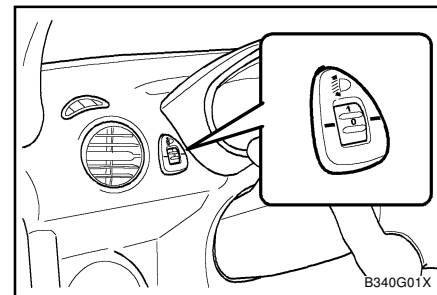
1. OFF
2. When the point indicates the , the rear windshield wiper starts to operate continuously.
3. The washer fluid will be spray onto the rear windshield by indicating the point onto the . The wiper operates continuously after the washer fluid is sprayed.

Do not operate the washer continuously for more than 15 seconds or when the fluid reservoir is empty; this could damage the system. Do not operate the wiper when the window is dry; this can result in scratching as well as premature

wiper blade wear. For the same reason, do not operate the washer when the washer fluid reservoir is empty.

B340G02X-GAT

HEADLIGHT LEVELING DEVICE SYSTEM (If installed)



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.

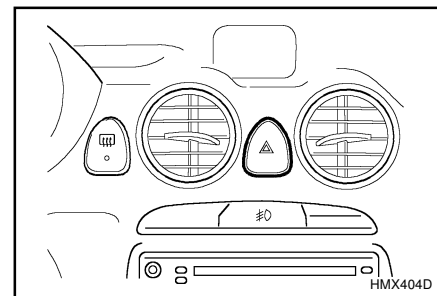
The higher the number of the switch position, the lower the headlight beam level. Always keep the headlight beam at the proper leveling position, or headlights may dazzle other road users.

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 (including driver)	1
Full passengers (including driver) + Permissible load	1
Driver + Permissible load	2

B370A01A-AAT

HAZARD WARNING SYSTEM



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

The hazard warning lights are turned on by pushing in on the hazard switch. This causes all

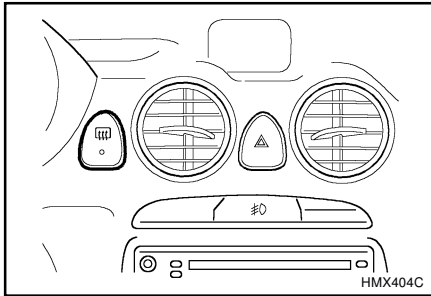
FEATURES OF YOUR HYUNDAI

turn signal lights to blink. The hazard warning lights will operate even though the key is not in the ignition.

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

B380A01A-AAT

REAR WINDOW DEFROSTER SWITCH



The rear window defroster is turned on by pushing in on the switch. To turn the defroster off, push in on the switch a second time. The rear window defroster automatically turns itself off after about 15 minutes. To restart the defroster cycle, push in on the switch again after it has turned itself off.

CAUTION:

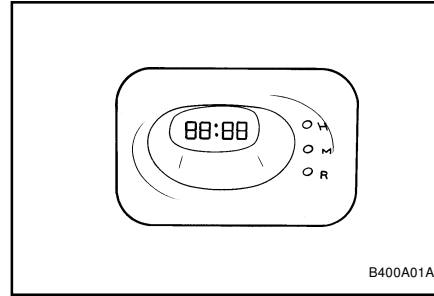
Do not clean the inner side of the rear window glass with an abrasive type of glass cleaner or use a scraper to remove the foreign deposits from the inner surface of the glass as this may cause damage to the defroster elements.

NOTE:

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

B400A01A-AAT

DIGITAL CLOCK (If Installed)



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

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

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

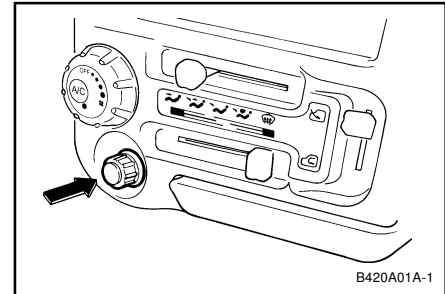
RESET - Push "R" to reset minutes to "-:00" to facilitate resetting the clock to the correct time. When this is done:

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

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

B420A02A-AAT

CIGARETTE LIGHTER



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

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

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

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

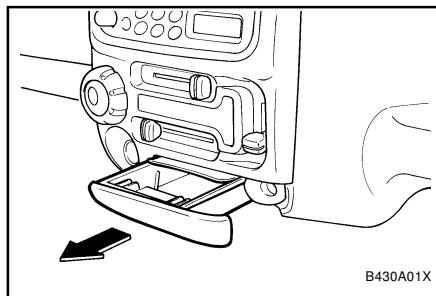
CAUTION:

Do not use electric accessories or equipment other than the Hyundai genuine parts in the socket.

FEATURES OF YOUR HYUNDAI

B430A01X-GAT

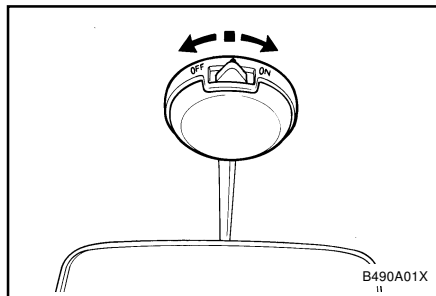
FRONT ASHTRAY



The front ashtray may be opened by pulling it out by its grip. To remove the ashtray to empty or clean it, press down on the spring-loaded tab inside the ashtray and pull it all the way out.

B490A01X-GAT

INTERIOR LIGHT



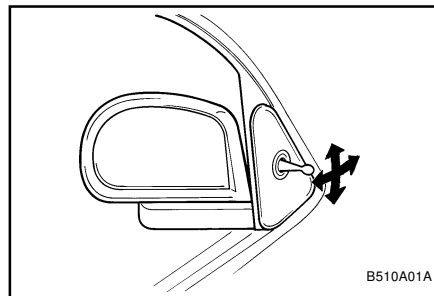
The interior courtesy light has a 3-position switch. The three positions are:

- o "•" In the "MIDDLE" position, the interior courtesy light comes on when any door is opened, then goes out when it is closed.
- o "OFF" In the "LEFT" position, the light stays off even though a door is open.
- o "ON" In the "RIGHT" position, the light stays on at all times.

B510A01A-AAT

OUTSIDE REARVIEW MIRROR

Manual Type



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

Before driving away, always check that your mirrors are positioned so you can see behind

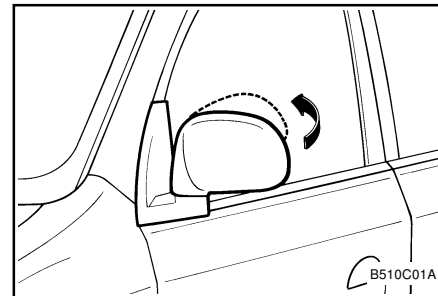
you, both to the left and right sides, as well as directly behind your vehicle. When using the mirror, always exercise caution when attempting to judge the distance of vehicles behind or along side of you.

CAUTION:

If the mirror control is jammed with ice, do not attempt to break it free using the control handle or by manipulating the face of the mirror. Use an approved spray deicer (not radiator antifreeze) to release the frozen mechanism or move the vehicle to a warm place and allow the ice to melt.

B510C01A-AAT

FOLDING THE OUTSIDE REARVIEW MIRRORS



To fold the outside rear view mirrors, push them towards the rear.

FEATURES OF YOUR HYUNDAI

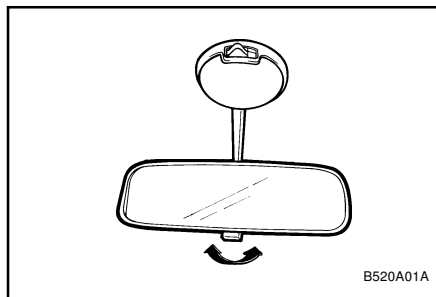
The outside rear view mirrors can be folded rearward for parking in narrow areas.

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.

B520A01A-AAT

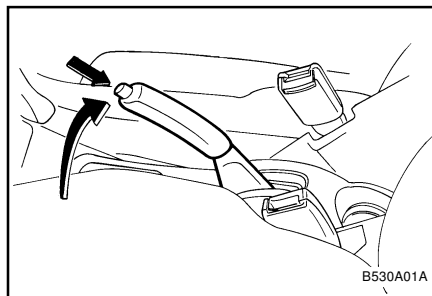
DAY/NIGHT INSIDE REARVIEW MIRROR



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

B530A01A-AAT

PARKING BRAKE

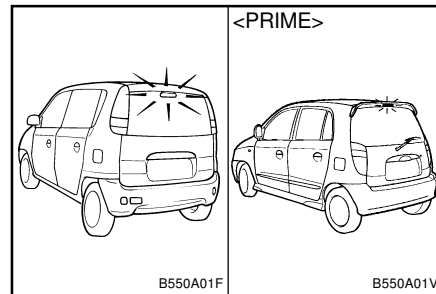


Always engage the parking brake before leaving the car. This also turns on the parking brake indicator light when the key is in the "ON" or "START" position. Before driving away, be sure that the parking brake is fully released and the indicator light is off.

- o To engage the parking brake, pull the lever up as far as possible.
- o To release the parking brake, pull up the lever and press the thumb button. Then, while holding the button in, lower the brake lever.

B550A01S-GAT

HIGH-MOUNTED REAR STOP LIGHT (If Installed)

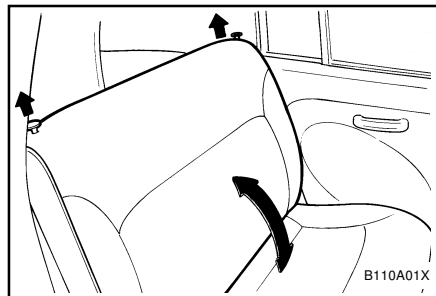


In addition to the lower-mounted rear stoplights on either side of the car, the high mounted rear stoplight in the center of the rear window or installed in the rear spoiler also lights when the brakes are applied.

FEATURES OF YOUR HYUNDAI

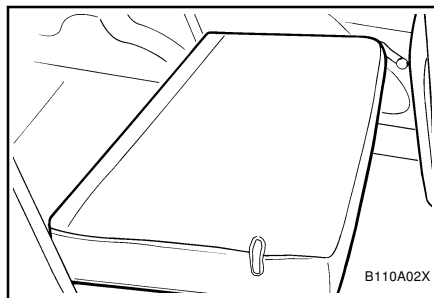
B110A01X-GAT

FOLDING REAR SEATBACK AND SEAT CUSHION

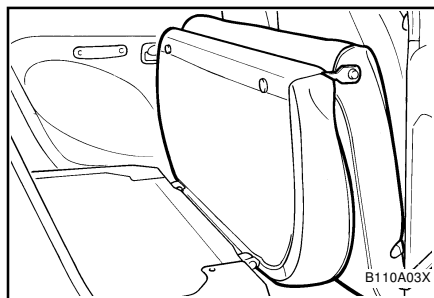


WARNING:

The purpose of the fold-down rear seat back and the fold-up rear seat cushion is to allow you to carry more objects than could otherwise be accommodated. Do not allow passengers to sit on the cargo area while the car is moving as this is not a proper seating position and no seat belts are available for use when the seat back is folded down. This could result in serious injury or death in case of an accident or a sudden stop. Objects 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.



For greater convenience, the entire seatback and seat cushion may be folded down and up.



- o To unlock the seatback, pull up on the seatback locking knob, then pull forward on the seatback.
- o After being folded down rear seat back, fold-up the seat cushion.

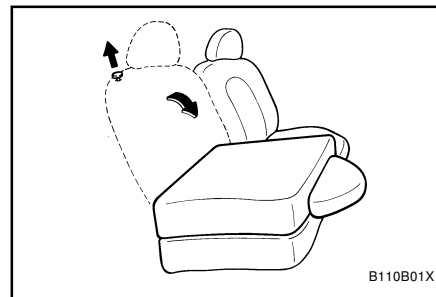
- o When you return the rear seat to its upright position, always be sure it has locked into position by pulling and pushing on the top of the seatback.

WARNING:

When you return the rear seat to its upright position after being folded down and folded up, be careful not to damage the seat belt webbing or buckle. In addition, do not allow the seat belt webbing or buckle to get caught or pinched in the rear seat.

B110B01X-GAT

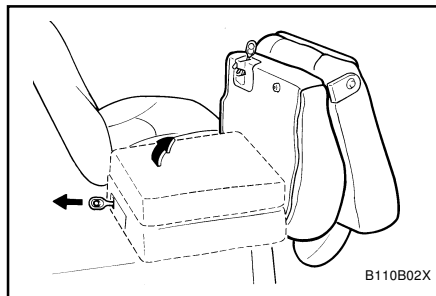
Folding rear seatback and seat cushion individually (If installed)



The entire seatback and seat cushion may be folded down and up individually.

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- o To unlock the seatback, pull up on the seatback locking knob, then pull forward on the seatback.
- o After being folded down rear seat, pull the lever on the rear side of the seat cushion to fold-up the seat cushion.

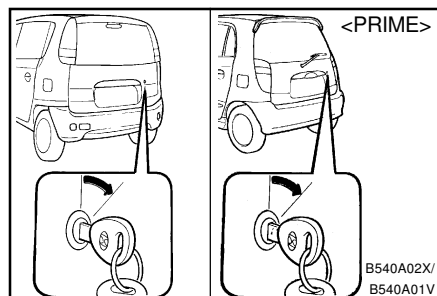


WARNING:

- o When you return the rear seat to its up-right position, always be sure it has locked into position by pulling and pushing on the top of the seatback.
- o When you return the rear seat to its up-right position after being folded down and folded up, be careful not to damage the seat belt webbing or buckle. In addition, do not allow the seat belt webbing or buckle to get caught or pinched in the rear seat.

B540A01X-GAT

TAIL GATE



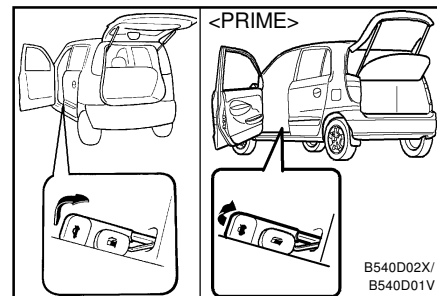
WARNING:

The tail gate should always be kept completely closed while the vehicle is in motion. If it is left open or ajar, poisonous exhaust gases may enter the car resulting in serious injury or death to the occupants. See additional warnings concerning exhaust gases on page 2-1.

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

B540D01X-GAT

Remote Tail Gate Release (If installed)



The tail gate is opened by pulling the lever to release the lock, then raising the tail gate manually.

To close, lower the tail gate, then press down on it until it locks. To be sure the tail gate is securely fastened, always try to pull it up again.

WARNING:

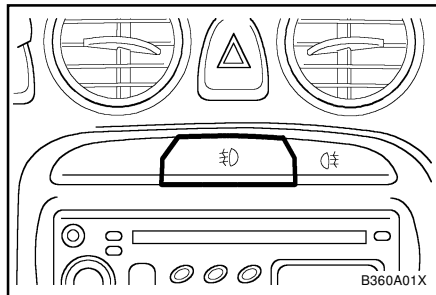
The tail gate should always be kept completely closed while the vehicle is in motion. If it is left open or ajar, exhaust gases may enter the car and serious illness may result.

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B360A01A-GAT

FRONT FOG LIGHT SWITCH

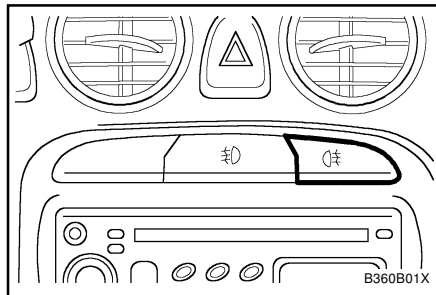
(If Installed)



To turn on the front fog lights, push the switch. They will light when the headlight switch is in the first or second position.

B360B01A-GAT

Rear Fog Light Switch (If installed)

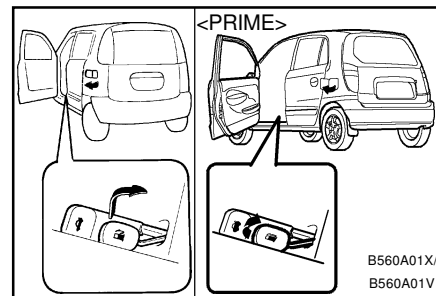


To turn on the rear fog lights, push the switch. They will come on when the headlights are turned on.

B560A01X-AAT

REMOTE FUEL-FILLER LID RELEASE

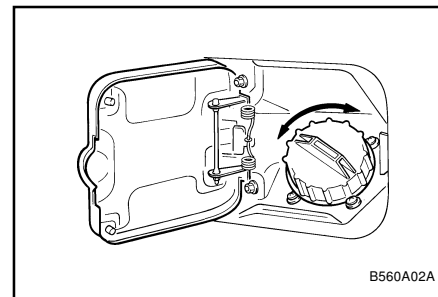
(If installed)



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

NOTE:

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



WARNING:

Gasoline vapors are dangerous. Before refueling, always stop the engine and never allow sparks or open flames near the filler area. If you need to replace the filler cap, use a genuine Hyundai replacement part.

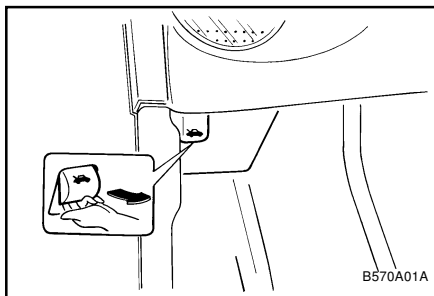
If you open the fuel filler cap during high ambient temperatures, a slight "pressure sound" may be heard. This is normal and not a cause for concern.

Whenever you open the fuel filler cap, turn it slowly.

FEATURES OF YOUR HYUNDAI

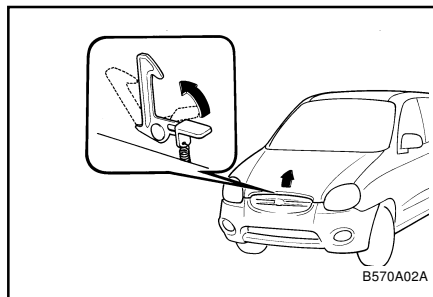
B570A01A-GAT

HOOD RELEASE



1. Pull the release knob to unlatch the hood.
2. Press the safety catch lever up and lift the hood.
3. Hold the hood open with the support rod.

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

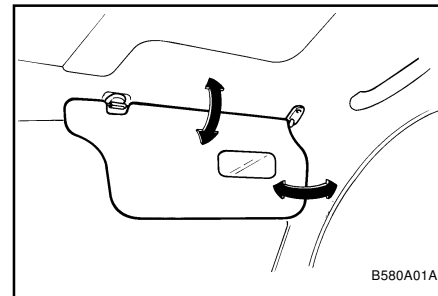


WARNING:

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

B580A01A-AAT

SUNVISOR



Your Hyundai is equipped with sun visors to give the driver and front passenger either frontal or sideward shade. The sun visors are fitted on both sides on all models. To reduce glare or to shut out direct rays of the sun, turn the sun visor down to block the annoyance.

A vanity mirror is provided on the back of the sun visor for the front passenger.

NOTE:

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

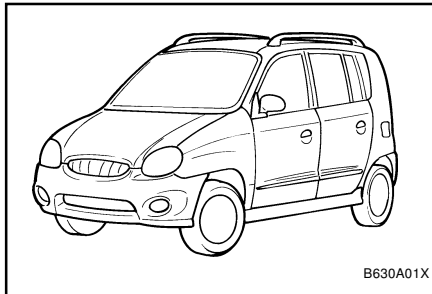
WARNING:

Do not place the sun visor in such a manner that it obscures visibility of the roadway, traffic or other objects.

FEATURES OF YOUR HYUNDAI

B630A02X-GAT

ROOF RACK (If installed)



If your Hyundai has a roof rack, you can load things on top of your vehicle. Crossrails and fixing components to adapt the roof rack on your vehicle may be obtained from an authorized Hyundai dealer.

Hyundai dealers are prepared to provide high quality service that may be required.

CAUTION:

- o The following specifications are recommended when loading cargo or luggage.

ROOF RACK	30 kg (66 lb)
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- o Loading cargo or luggage above 30 kg (66 lb) on the roof rack may damage your vehicle.
- o When you carry large objects, never let them hang over the rear or the sides of your vehicle.

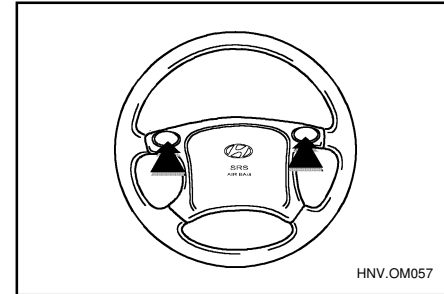
- o Always drive your vehicle at a moderate speed.
- o To use the roof rails as a roof rack, you must fit the roof rails with two or more crossrails or equivalent.

WARNING:

- o In case of hectic steering movements or bad fixation the luggage can fall from the vehicle and injure persons or property. Make sure that the luggage is properly fixed and avoid sudden movement (e.g. dashing start, fast turning manoeuvres, hard cornering, sudden braking) Check frequently whether the roof rack is properly fastened.
- o Voluminous, large, long or flat objects can change the aerodynamic drag of vehicle or can suddenly be lifted by the wind. The driver could lose control of the car and provoke an accident and injuries. For this reason, drive at reduced speed when you transport such objects.
- o The maximum load limit of the roof rack including luggage load is 30 kg.

B610A01A-GAT

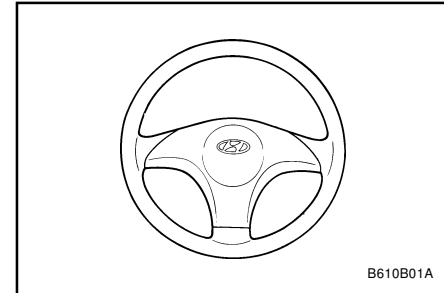
HORN (With Airbag) (If installed)



Press either of the side buttons on the steering wheel to sound the horn.

B610B01A-GAT

HORN (Without Airbag)



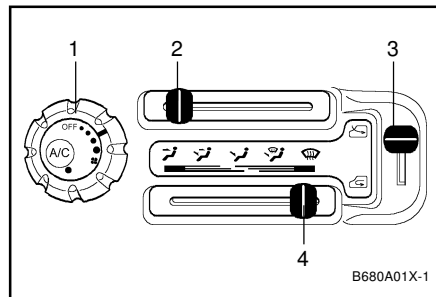
Press the center hub of the steering wheel to sound the horn.

FEATURES OF YOUR HYUNDAI

B680A01X-GAT

HEATING AND VENTILATION

(If installed)

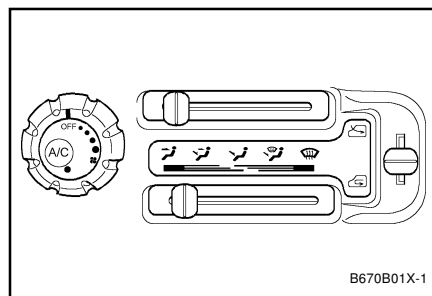


There are four controls for the heating and cooling system. They are:

1. **Fan Speed Control.**
This is used to turn the fan on and select the fan speed.
2. **Air Flow Control.**
This is used to direct the flow of air. 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 positions.
3. **Air Intake Control.**
This allows you to select fresh outside air or to circulate inside air.
4. **Temperature Control.**
This is used to turn the heating system on and off and to select the degree of heating desired.

B670B02X-GAT

Fan Speed Control (Blower Control)

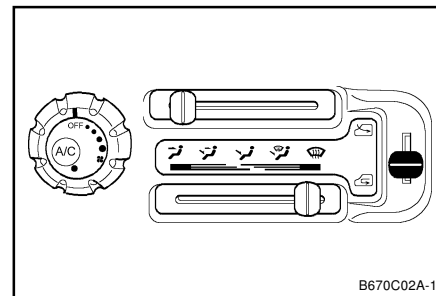


This is used to turn the blower fan on and off and to select the fan speed.

The blower fan speed, and therefore the volume of air delivered from the system, may be controlled manually by setting the blower control between the "1" and "4" position.

B670C02A-AAT


Air Intake Control




This is used to select fresh outside air or recirculation of inside air.

 **Fresh**

 **Recirculation**

With the "  " mode selected, air enters the vehicle from outside and is heated or cooled according to the other functions selected.

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

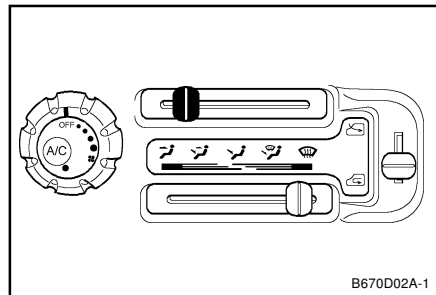
FEATURES OF YOUR HYUNDAI

NOTE:

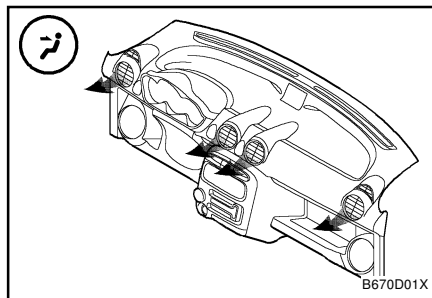
It should be noted that prolonged operation of the heating system in "☁" mode will give rise to misting of the windshield and side windows and the air within the passenger compartment will become stale. In addition prolonged use of the air conditioning with the "☁" mode selected may result in the air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

B670D02A-AAT

Air Flow Control

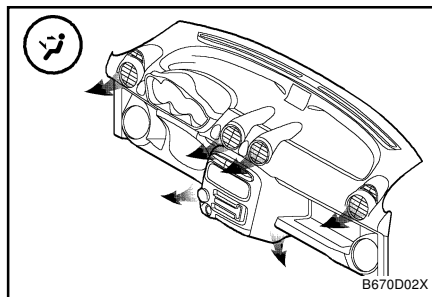


This is used to direct the flow of air. Air can be directed to the floor, dashboard outlets, or windshield. Five symbols are used to represent Face, Bi-Level, Floor, Floor-Defrost and Defrost air position.



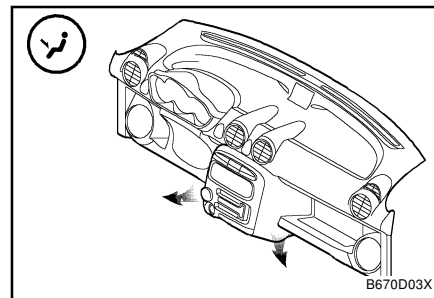
Face-Level

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



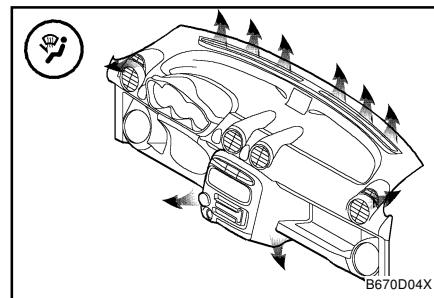
Bi-Level

Air is discharged through the face vents and the floor vents. This makes it possible to have cooler air from the dashboard vents and warmer air from the floor outlets at the same time.



Floor-Level

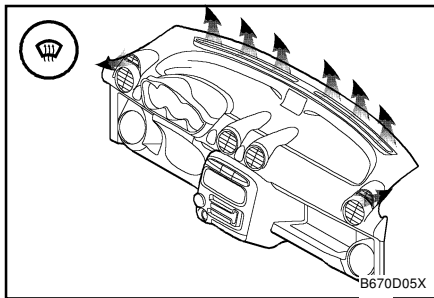
Air is discharged through the floor vents.



Floor-Defrost Level

Air is discharged through the windshield defrost vents and the floor vents.

FEATURES OF YOUR HYUNDAI

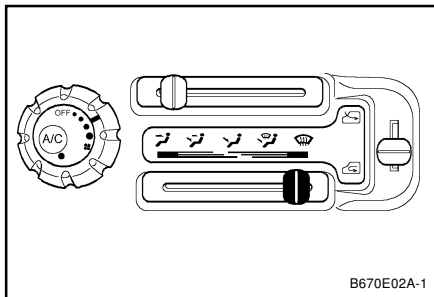


Defrost-Level

Air is discharged through the windshield defrost vents.

B670E02A-AAT

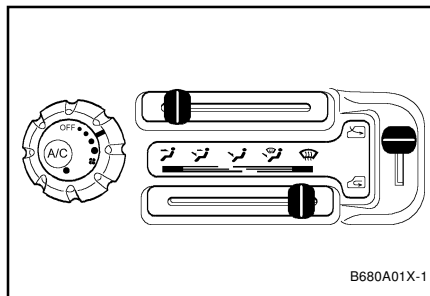
Temperature Control



This is used to turn the heating system on and off and to select the degree of heating desired.

B690A01A-AAT

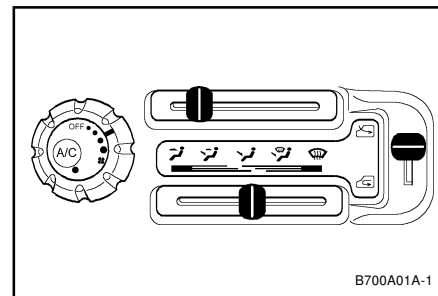
HEATING CONTROLS



For normal heating operation, set the air intake control to the fresh air (🌬️) position and the air flow control to the floor (👤) position. For faster heating, the air intake control should be set in the recirculate (🔄) position. If the windows fog up, set the air flow control to the defrost (👤) position and the air intake control to the fresh air (🌬️) position. For maximum heat, move the temperature control to "Warm".

B700A01A-AAT

BI-LEVEL HEATING



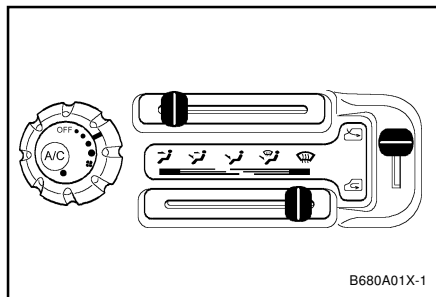
Your Hyundai is equipped with bi-level heating controls. This makes it possible to have cooler air from the dashboard vents and warmer air from the floor outlets at the same time. To use this feature:

- o Set the air intake control to the fresh air (🌬️) position.
- o Set the air flow control at the bi-level (👤) position.
- o Set the temperature control between "Cool" and "Warm".



FEATURES OF YOUR HYUNDAI

B710A01A-AAT

VENTILATION

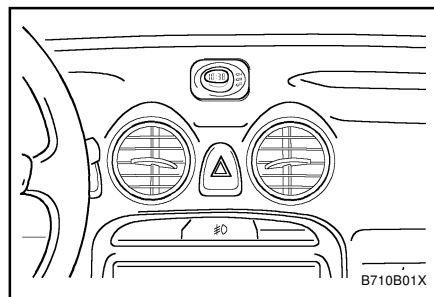


To operate the ventilation system:

- o Set the air intake control at the fresh air () position.
- o To direct all intake air to the dashboard vents, set the airflow control to the face () position.
- o Adjust the fan speed control to the desired speed.
- o Set the temperature control between "Cool" and "Warm".

B710B01S-AAT

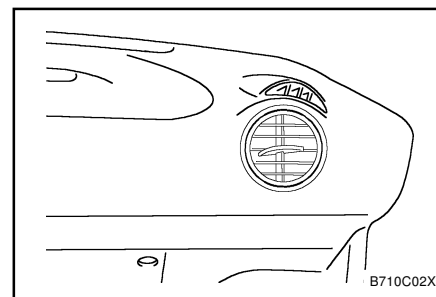
Center Ventilator



The center ventilators are located in the middle of the dashboard. The direction of air flow from the vents in the center of dashboard is adjustable. To control the direction of the air flow, move the knob in the center of vent up-and-down and side-to-side.

B710C01X-GAT

Side Ventilator



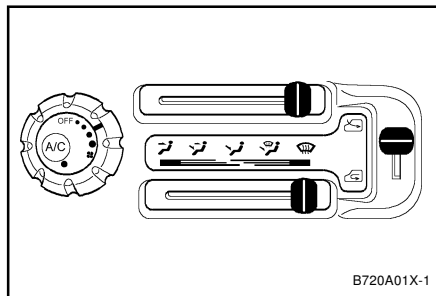
The side ventilators are located on each side of the dashboard.

To change the direction of the air flow, move the knob in the center of vent up-and-down and side-to-side.

FEATURES OF YOUR HYUNDAI

B720A02X-GAT

DEFROSTING/DEFOGGING



To use the heating/ventilation system to defrost or defog the windshield:

- o Set the air intake control to the position.
- o Set the air flow control to the position.
- o Set the temperature control to a comfortably warm position.
- o Set the fan speed control to position 3 or 4.
- o If vehicle is so equipped, push on the A/C for increased defogging action.

NOTE:

In high humidity areas the A/C can be used with the air intake in the position for increased defogging action.

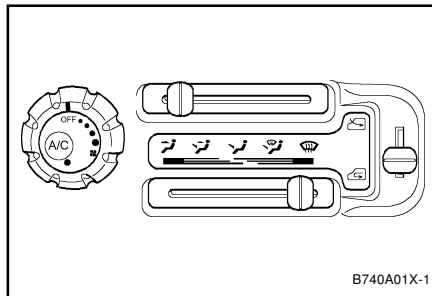
B730A01A-AAT

OPERATION TIPS

- o To keep dust or unpleasant fumes from entering the car through the ventilation system, temporarily set the air intake control at the position. Be sure to return the control to the position when the irritation has passed to keep fresh air in the vehicle. This will help keep the driver alert and comfortable.
- o 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.

B740A01X-GAT

AIR CONDITIONING SWITCH (If installed)

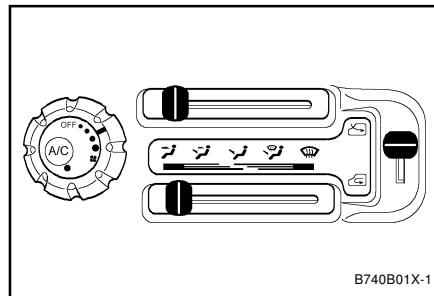


The air conditioning is turned on by pushing the A/C button in the fan control rotary switch.

B740B01X-GAT

Air Conditioning Operation (If installed)

Cooling

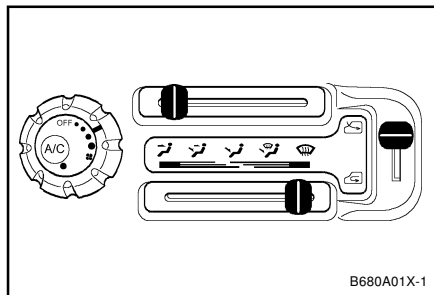


To use the air conditioning to cool interior:



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

B740C01X-GAT

De-Humidified Heating



For dehumidified heating:

- o Turn on the fan control switch.
- o Turn on the air conditioning switch.
- o Set the air intake control to the  position.
- o Set the air flow control to the  position.
- o Adjust the fan control to the desired speed.
- o For more rapid action, set the fan at one of the higher speeds.
- o Adjust the temperature control to provide the desired amount of warmth.

B740D01A-AAT

Operation Tips

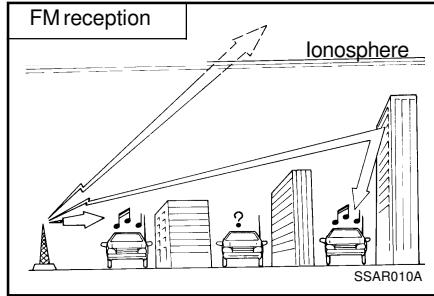
- o If the interior of the car is hot when you first get in, open the windows for a few minutes to expel the hot air.
- o When you are using the air conditioning system, keep all windows closed to keep hot air out.
- o When moving slowly, as in heavy traffic, shift to a lower gear. This increases engine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

FEATURES OF YOUR HYUNDAI

B750A02A-AAT

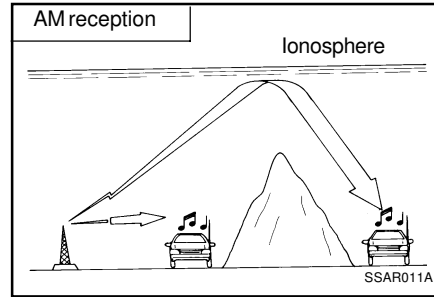
STEREO SOUND SYSTEM

How Car Audio Works

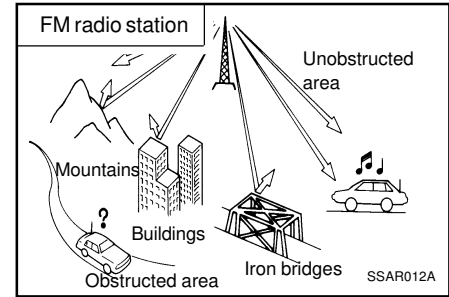


AM and FM radio signals are broadcast from transmitter towers located around your city. They are intercepted by the radio antenna on your car. This signal is then received by the radio and sent to your car speakers.

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

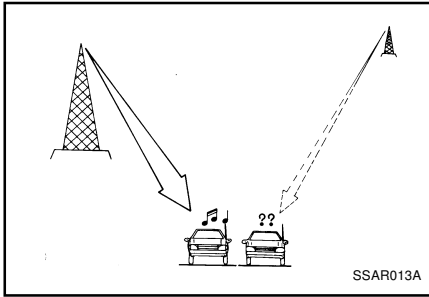


AM broadcasts can be received at greater distances than FM broadcasts. This is because AM radio waves are transmitted at low frequency. These long, low frequency radio waves can follow the curvature of the earth rather than travelling straight out into the ionosphere. In addition, they curve around obstructions so that they can provide better signal coverage.

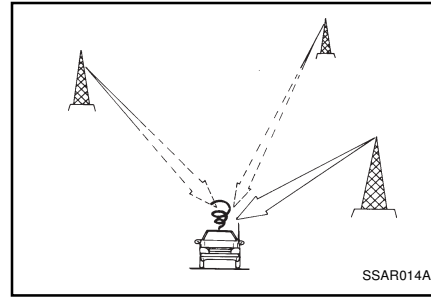


FM broadcasts are transmitted at high frequency and do not bend to follow the earth's surface. Because of this, FM broadcasts generally begin to fade at short distances from the station. Also, FM signals are easily affected by buildings, mountains, or other obstructions. These can result in certain listening conditions which might lead you to believe a problem exists with your radio. The following conditions are normal and do not indicate radio trouble:

FEATURES OF YOUR HYUNDAI



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



- o Station Swapping - As 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.
- o Multi-Path Cancellation - Radio signals being received from several directions can cause distortion or fluttering. This can be caused by a direct and a 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.

B750B02Y-AAT

Using a cellular phone or a two-way radio

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

CAUTION:

When using a communication system such as a cellular phone or a radio 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.

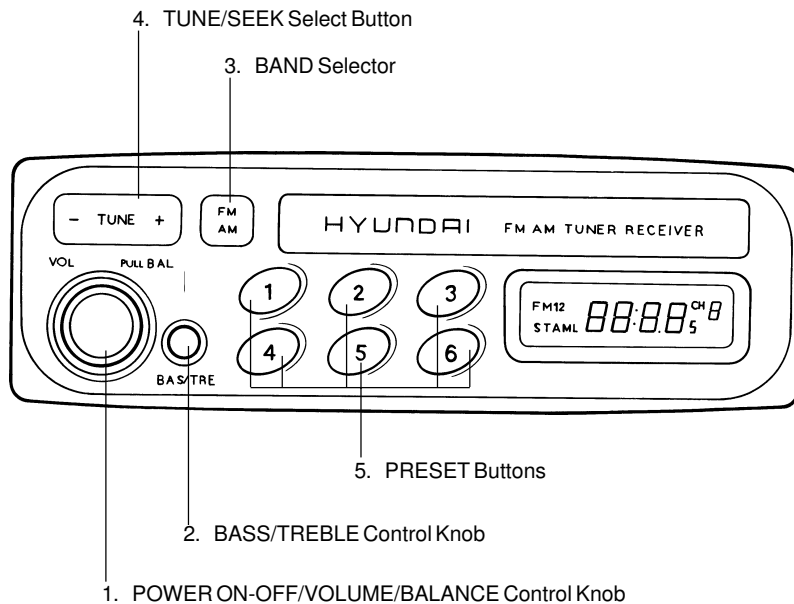
WARNING:

Don't use a cellular phone when you are driving, you must stop at a safe place to use a cellular phone.

FEATURES OF YOUR HYUNDAI

B901A02X-GAT

STEREO RADIO OPERATION (HMR 90) (If installed)



B901A01X

B901B02X-GAT

1. POWER ON-OFF/VOLUME CONTROL KNOB

The radio unit may be operated when the ignition key is in the "ACC" or "ON" position. Rotate the knob clockwise to switch the radio unit on, and to increase the volume.

The LCD shows the radio frequency in the radio mode. Turn the knob counterclockwise to reduce the volume, and to switch the radio unit off.

BAL (Balance Control) Knob

Pull and turn the control knob clockwise to emphasize right speaker sound. (Left speaker sound will be attenuated). When the control knob is turned counterclockwise, left speaker sound will be emphasized. (Right speaker sound will be attenuated).


2. BASS Control Knob

Press to pop the knob out and turn to the left or right for the desired bass tone.

TREBLE Control Knob

Further pull-lock position of popped-up knob. Turn to the left or right for the desired treble tone.

3. BAND Selector

Pressing the  button changes the AM, FM1 and FM2 bands. The mode selected is displayed on LCD.

4. TUNE (manual) Select Button

Press the (+) side or (-) side to increase or to decrease the frequency. With the button held down for 0.5 sec. or more, the stop signal (broadcasting radio wave) is ignored and channel selection continues.

SEEK Operation (Automatic Channel Selection)

Press the TUNE select button 1 sec. or more. When the (+) side is pressed, the unit will automatically tune to the next higher frequency and when the (-) side is pressed, it will automatically tune to the next lower frequency.

5. PRESET STATION SELECT

Six (6) stations for AM, FM and FM2 respectively can be preset in the electronic memory circuit on this unit.

HOW TO PRESET STATIONS

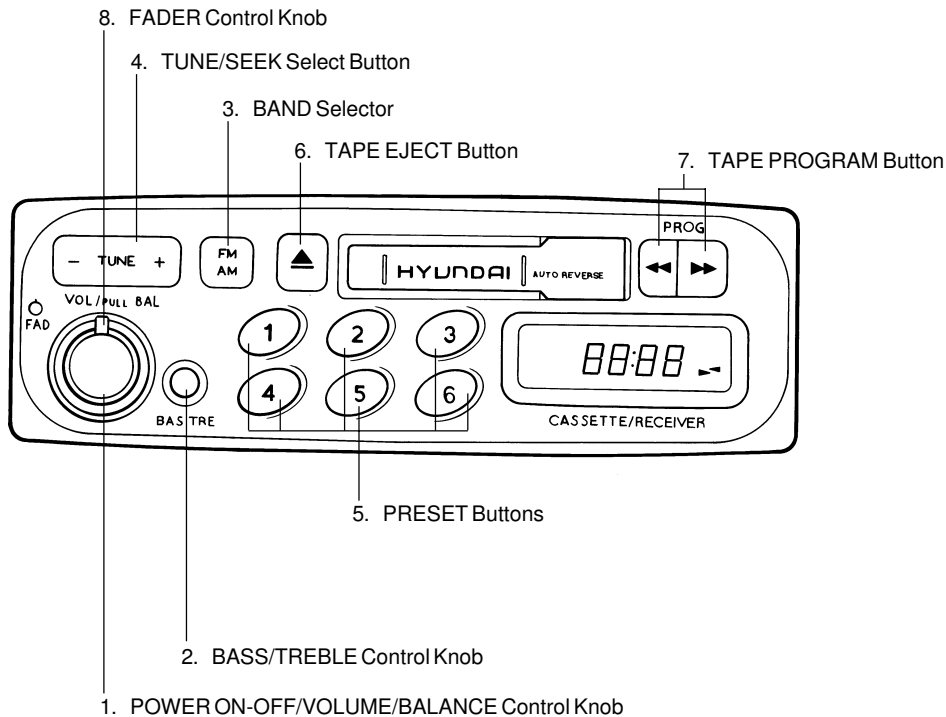
Six AM and twelve FM stations may be programmed into the memory of the radio. Then, by simply pressing the band select button and/or one of the six station select buttons, you may recall any of these stations instantly. To program the stations, follow these steps:

- o Press band selector to set the band for AM, FM and FM2.
- o Select the desired station to be stored by seek, scan or manual tuning.
- o Determine the preset station select button you wish to use to access that station.
- o Press the station select button for more than two seconds. A select button indicator will show in the display indicating which select button you have depressed. The frequency display will flash after it has been stored into the memory. You should then release the button, and proceed to program the next desired station. A total of 18 stations can be programmed by selecting one AM and two FM stations per button.
- o When completed, any preset station may be recalled by selecting AM, FM or FM2 band and the appropriate station button.

FEATURES OF YOUR HYUNDAI

B900A02X-GAT

STEREO RADIO AND CASSETTE TAPE PLAYER OPERATION (H900A) (If installed)



B900A01X

FEATURES OF YOUR HYUNDAI

B900B02X-GAT

1. POWER ON-OFF/VOLUME CONTROL KNOB

The radio unit may be operated when the ignition key is in the "ACC" or "ON" position. Rotate the knob clockwise to switch the radio unit on and to increase the volume.

The LCD shows the radio frequency in the radio mode, or the tape direction indicator in the tape mode. Turn the knob counterclockwise to reduce the volume and to switch the radio unit off.

BAL (Balance Control) Knob

Pull and turn the control knob clockwise to emphasize right speaker sound. (Left speaker sound will be attenuated) When the control knob is turned counterclockwise, left speaker sound will be emphasized. (Right speaker sound will be attenuated)


2. BASS Control Knob

Press to pop the knob out and turn to the left or right for the desired bass tone.

TREBLE Control Knob

Further pull-lock position of popped-up knob. Turn to the left or right for the desired treble tone.

3. BAND Selector

Pressing the  button changes the AM, FM1 and FM2 bands. The mode selected is displayed on LCD.

4. TUNE (manual) Select Button

Press the (+) side or (-) side to increase or to decrease the frequency. With the button held down for 0.5 sec. or more, the stop signal (broadcasting radio wave) is ignored and channel selection continues.

SEEK Operation (Automatic Channel Selection)

Press the TUNE select button 1 sec. or more. When the (+) side is pressed, the unit will automatically tune to the next higher frequency and when the (-) side is pressed, it will automatically tune to the next lower frequency.

5. PRESET STATION SELECT Button

Six (6) stations for AM, FM and FM2 respectively can be preset in the electronic memory circuit on this unit.

HOW TO PRESET STATIONS

Six AM and twelve FM stations may be programmed into the memory of the radio. Then, by simply pressing the band select button and/or one of the six station select buttons, you may recall any of these stations instantly. To program the stations, follow these steps:

- o Press band selector to set the band for AM, FM, and FM2.
- o Select the desired station to be stored by seek, scan or manual tuning.
- o Determine the preset station select button you wish to use to access that station.
- o Press the station select button for more than two seconds. A select button indicator will show in the display indicating which select button you have depressed. The frequency display will flash after it has been stored into the memory. You should then release the button, and proceed to program the next desired station. A total of 18 stations can be programmed by selecting one AM and one FM station per button.
- o When completed, any preset station may be recalled by selecting AM, FM or FM2 band and the appropriate station button.

6. TAPE EJECT Button

To eject the tape, press the button.

7. TAPE PROGRAM

When you press the button whose arrow is in the same direction as the tape play arrow in the display the tape will advance at high speed.

When you press the button whose arrow is in the opposite direction to the tape play arrow in the display the tape will rewind at high speed.

To stop FF or REW action, press the opposite button. When you press two buttons simultaneously you play the reverse side of the tape and an arrow will appear in the display to show tape direction.

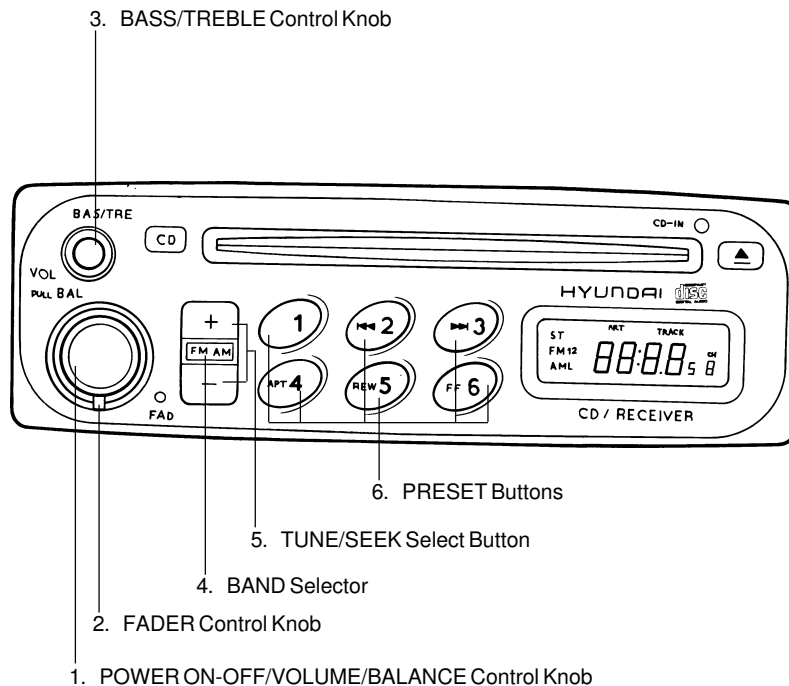
8. FAD (Fader Control) Knob

Turn the control knob clockwise to emphasize front speaker sound (Rear speaker sound will be attenuated). When the control knob is turned counterclockwise, rear speaker sound will be emphasized (Front speaker sound will be attenuated).

FEATURES OF YOUR HYUNDAI

B922A02X-GAT

STEREO RADIO OPERATION (H922M) (If installed)



B922A01X

FEATURES OF YOUR HYUNDAI

B922B03X-GAT

1. POWER ON-OFF/VOLUME CONTROL KNOB

The radio unit may be operated when the ignition key is in the "ACC" or "ON" position. The clock will be displayed automatically, although the radio unit has gone out. Press the button to switch the power on. The LCD shows the radio frequency in the radio mode or the CD track indicator in the CD mode. To switch the power off, press the button again.

VOLUME Control

Rotate the knob clockwise to increase the volume and turn the knob counterclockwise to reduce the volume.

BALANCE Control

Pull and turn the control knob clockwise to emphasize right speaker sound. (Left speaker sound will be attenuated) When the control knob is turned counterclockwise, left speaker sound will be emphasized. (Right speaker sound will be attenuated)

2. FAD (Fader Control) Knob

Turn the control knob counterclockwise to emphasize front speaker sound. (Rear speaker sound will be attenuated) When the control knob is turned clockwise, rear speaker sound will be emphasized. (Front speaker sound will be attenuated)

3. BASS/TREBLE Control Knob

BASS Control Knob

Press to pop the knob out and turn to the left or right for the desired bass tone.

TREBLE Control Knob

Further pull-lock position of popped-up knob. Turn to the left or right for the desired treble tone.

4. BAND Selector

Pressing the **[FM/AM]** button changes the AM, FM1 and FM2 bands. The mode selected is displayed on LCD.

5. TUNE (Manual) Select Button

Press the (+) side or (-) side to increase or to decrease the frequency. With the button held down for 0.5 sec. or more, the stop signal (broadcasting radio wave) is ignored and channel selection continues.

SEEK Operation (Automatic Channel Selection)

Press the TUNE select button 1 sec. or more, and releasing will automatically tune the next available station. When the (+) side is pressed longer than 1 second and releasing will automatically tune the next higher frequency and when the (-) side is pressed longer than 1 second and releasing will automatically tune the next lower frequency.

6. PRESET STATION SELECT Button

Six (6) stations for AM, FM and FM2 respectively can be preset in the electronic memory circuit on this unit.

HOW TO PRESET STATIONS

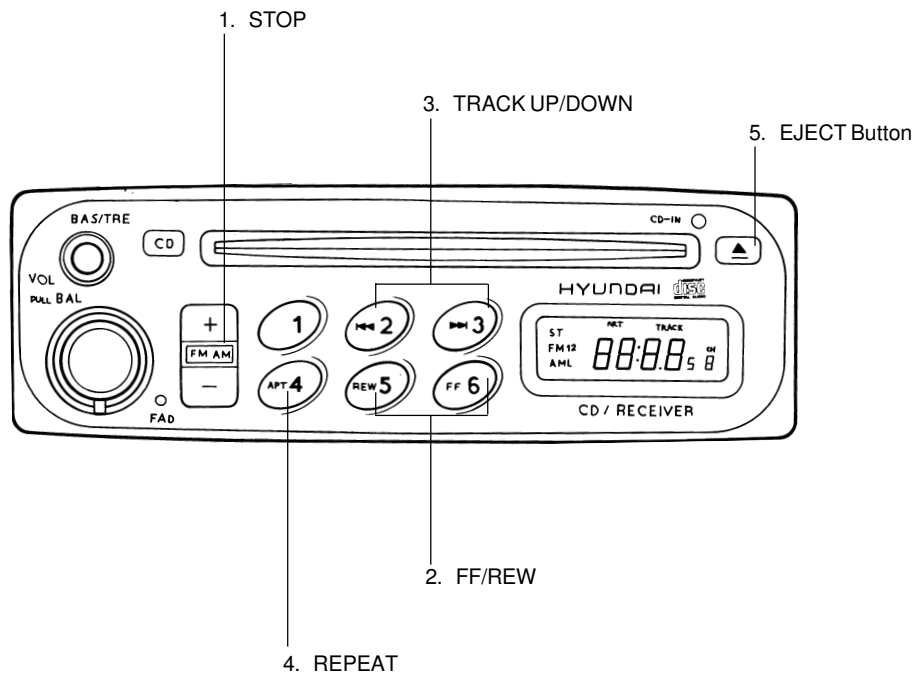
Six AM and twelve FM stations may be programmed into the memory of the radio. Then, by simply pressing the band select button and/or one of the six station select buttons, you may recall any of these stations instantly. To program the stations, follow these steps:

- o Press band selector to set the band for AM, FM, and FM2.
- o Select the desired station to be stored by seek, scan or manual tuning.
- o Determine the preset station select button you wish to use to access that station.
- o Press the station select button for more than two seconds. A select button indicator will show in the display indicating which select button you have depressed. The frequency display will flash after it has been stored into the memory. You should then release the button, and proceed to program the next desired station. A total of 18 stations can be programmed by selecting one AM and one FM station per button.
- o When completed, any preset station may be recalled by selecting AM, FM or FM2 band and the appropriate station button.

FEATURES OF YOUR HYUNDAI

B922E02X-GAT

COMPACT DISK PLAYER OPERATION (H922M) (If installed)



B922A01X

FEATURES OF YOUR HYUNDAI

B922F01X-GAT

1. STOP

- o Insert the CD to start CD playback, during the radio operation.
- o Press the **FM/AM** button to stop CD playback and to change the source to the radio.

2. FF/REW

While the disc is playing, press and hold FF button to quickly move forward until you reach the desired section of the track and vice versa.

3. TRACK UP/DOWN

- o The desired track on the disc currently being played can be selected using the track number.
- o Pressing the **▶▶** button once increases the track number by one and pressing the **◀◀** button decreases it.

4. REPEAT

- o To repeat the music you are listening to, press the RPT button and to cancel music repeat, press again.

5. EJECT Button

When the EJECT button is pressed with the CD loaded, the CD is ejected.

NOTE:

- o To ensure proper operation of the unit, keep the vehicle interior temperature within a normal range by using the vehicle's air conditioning or heating system.
- o When replacing the fuse, replace it with a fuse having the correct capacity.
- o The preset station frequencies are all erased when the car battery is disconnected. Therefore, all data will have to be set again if this should occur.
- o Do not add any oil to the rotating parts.
- o This equipment is designed to be used only in a 12 volt DC battery system with negative ground.
- o This unit is made of precision parts. Do not attempt to disassemble or adjust any parts.
- o When driving your vehicle, be sure to keep the volume of the unit set low enough to allow you to hear sounds coming from the outside.
- o Do not expose this equipment (including the speakers and tape) to water or excessive moisture.

FEATURES OF YOUR HYUNDAI

B922G01A-GAT

AUDIO FAULT CODE

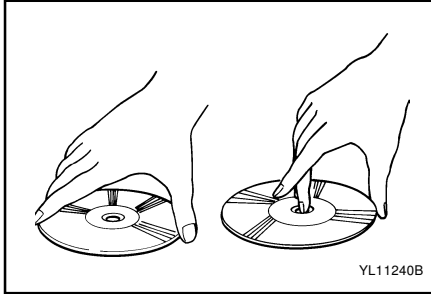
If you see any error indication in the display while using the CD or Tape mode, find the cause in the chart below. If you cannot clear the error indication, take the car to your Hyundai dealer.

INDICATION	CAUSE	SOLUTION
Er2	CDP DECK MECHANICAL ERROR (EJECT ERROR, LOADING ERROR)	AFTER RESETTING THE AUDIO, PUSH THE EJECT BUTTON. IF DISC IS NOT EJECTED, CONSULT YOUR HYUNDAI DEALER.
Er3	FOCUS ERROR DATA READ ERROR	MAKE SURE THE DISC IS NOT SCRATCHED OR DAMAGED. PRESS THE EJECT BUTTON AND PULL OUT THE DISC. THEN INSERT A NORMAL CD DISC.
Er6	DISC ERROR	CHECK IF THE DISC IS INSERTED CORRECTLY IN THE CD PLAYER. MAKE SURE THE DISC IS NOT SCRATCHED OR DAMAGED.

FEATURES OF YOUR HYUNDAI

B850A01F-AAT

CARE OF DISC Proper Handling



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

Damaged Disc

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

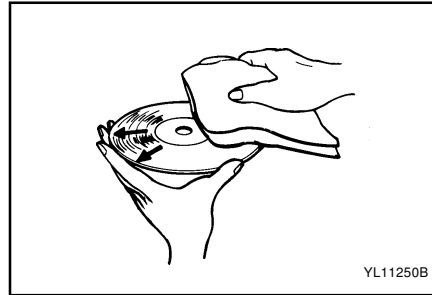
Storage

When not in use, place your discs in their individual case and store them in a cool place away from the sun, heat, and dust.

Do not grip or pull out the disc with your hand while the disc is being pulled into the unit by the self loading mechanism.

Do not pull the unit from the dash immediately after a disc is inserted or the eject switch has been pressed. If the unit is pulled out before an operation is completed, the disc will be unstable in the unit and may be damaged. Do not attempt to insert a disc into the unit when the unit is out of the dash or the power is off.

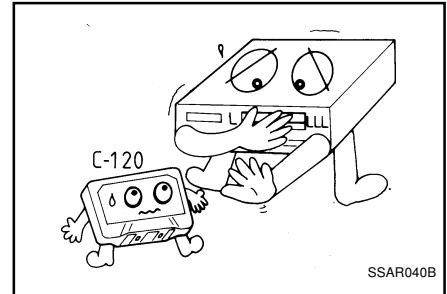
Keep Your Discs Clean



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

B860A01A-AAT

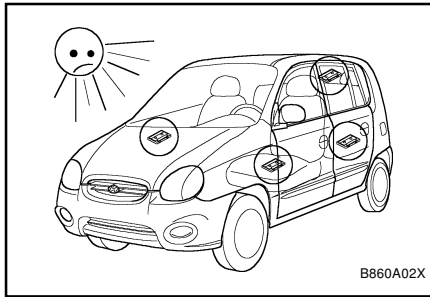
CARE OF CASSETTE TAPES



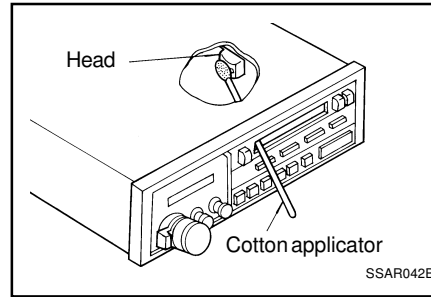
Proper care of your cassette tapes will extend the tape life and increase your listening enjoyment. Always protect your tapes and cassette cases from direct sunlight, severely cold and dusty conditions. When not in use, cassettes should always be stored in the original protective cassette case. When the vehicle is very hot or cold, allow the interior temperature to become more comfortable before listening to your cassettes.

- o Never leave a cassette inserted in the player when not being played. This could damage the tape player unit and the cassette tape.
- o We strongly recommend against the use of tapes longer than C-60 (60 minutes total). Tapes such as C-120 or C-180 are very thin and do not perform as well in the automotive environment.

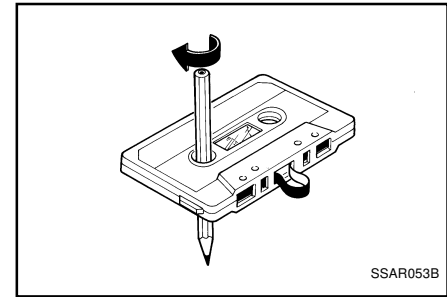
FEATURES OF YOUR HYUNDAI



- o Be sure that the cassette label is not loose or peeling off or tape ejection may be difficult.
- o Never touch or soil the actual audio tape surfaces.
- o Keep all magnetized objects, such as electric motors, speakers or transformers away from your cassette tapes and tape player unit.
- o Store cassettes in a cool, dry place with the open side facing down to prevent dust from settling in the cassette body.
- o Avoid repeated fast reverse usage to replay one given tune or tape section. This can cause poor tape winding to occur, and eventually cause excessive internal drag and poor audio quality in the cassette. If this occurs, it can sometimes be corrected by fast winding the tape from end to end several times. If this does not correct the problem, do not continue to use the tape in your vehicle.



- o The playback head, capstan and pinch rollers will develop a coating of tape residue that can result in deterioration of sound quality, such as a wavering sound. They should be cleaned monthly using a commercially available head cleaning tape or special solution available from audio specialty shops. Follow the supplier's directions carefully and never oil any part of the tape player unit.
- o Always be sure that the tape is tightly wound on its reel before inserting in the player. Rotate a pencil in the drive sprockets to wind up any slack.



NOTE:

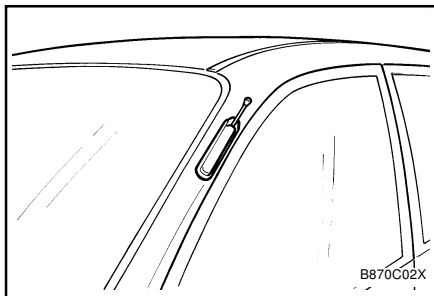
Look at a tape before you insert it. If the tape is loose, tighten it by turning one of the hubs with a pencil or your finger. If the label is peeling off, do not put it in the drive mechanism.

Do not leave tapes sitting where they are exposed to hot, warm, or high humidity, such as on top of the dashboard or in the player. If a tape is exposed to extreme heat or cold, let it reach a moderate temperature before putting it in the player.

FEATURES OF YOUR HYUNDAI

B870C01X-GAT

ANTENNA



Your car uses a manual stainless steel antenna to receive both AM and FM broadcast signals. Pull up the antenna using your fingers, as shown in the drawing.

NOTE:

Before entering an automatic car wash or a place with a low height clearance, turn off the radio and be sure that the antenna is fully retracted.

2. DRIVING YOUR HYUNDAI

C010A01A-AAT

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.

o Do not inhale exhaust fumes.

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

o Be sure the exhaust system does not leak.

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

o Do not run the engine in an enclosed area.

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

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

If it is necessary to idle the engine for a prolonged period with people inside the car, be sure to do so only in an open area with the air intake set at "Fresh" and the fan operating at one of the higher speeds so fresh air is drawn into the interior. If you must drive with the tail gate open because you are carrying objects that make this necessary:

1. Close all windows.
2. Open side vents.
3. Set the air intake control at "Fresh", the air flow control at "Floor" or "Face" and the fan at one of the higher speeds.

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

DRIVING YOUR HYUNDAI

C020A01A-AAT

BEFORE STARTING THE ENGINE

Before you start the engine, you should always:

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

C030A02X-GAT

COMBINATION IGNITION SWITCH

To Start the Engine

- o If your Hyundai is equipped with a manual transaxle, place the shift lever in neutral and depress the clutch pedal fully.
- o If your Hyundai has an automatic transaxle, place the shift lever in "P" (park).

- o To start the engine, insert the ignition key and turn it to the "START" position. Release it as soon as the engine starts. Do not hold the key in the "START" position for more than 15 seconds.

NOTE:

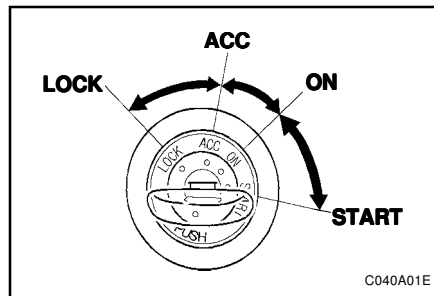
For safety, the engine will not start if the shift lever is not in "P" or "N" Position (Automatic Transaxle).

C040A01A-AAT

KEY POSITIONS

WARNING:

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



o "START"

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

NOTE:

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

o "ON"

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

o "ACC"

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

o "LOCK"

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

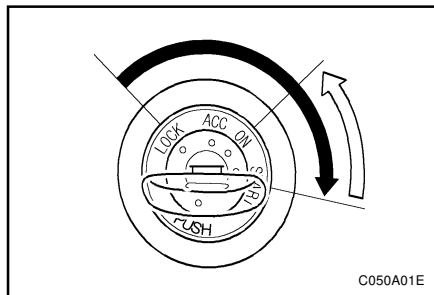
NOTE:

To unlock the steering wheel, insert the key, and then turn the steering wheel and key simultaneously.

DRIVING YOUR HYUNDAI

C050A01X-GAT

STARTING



Normal starting with either a cold or warm engine is obtained without pumping or depressing the accelerator pedal. Simply turn the key to the "START" position and release when the engine starts. After the engine has started, allow the engine to run for 10 to 20 seconds prior to placing the vehicle in gear. The starter should not be operated for more than 15 seconds at a time. Wait 15-30 seconds between starting attempts to protect the starter from overheating.

WARNING:

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

C050B02X-GAT

Normal Conditions:

The Starting Procedure:

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

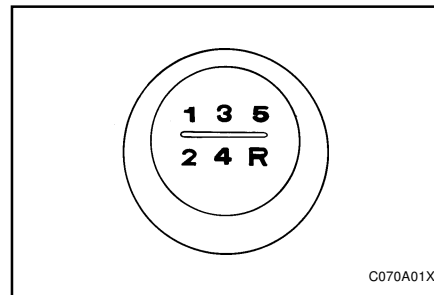
WARNING:

Be sure that the clutch is fully depressed when starting a manual transaxle vehicle. Otherwise, there is the potential to cause damage to the vehicle or injury to someone inside or outside the vehicle as a result of the forward or backward movement of the vehicle that will occur if the clutch is not depressed when the vehicle is started.

4. Turn the ignition key to the "Start" position and release it when the engine starts.

C070A04X-GAT

OPERATING THE MANUAL TRANSAXLE



Your Hyundai's manual transaxle has a conventional shift pattern. This shift pattern is also imprinted on the shift knob. The transaxle is fully synchronized in all forward gears so shifting to either a higher or a lower gear is easily accomplished.

CAUTION:

- o Do not attempt to engage reverse gear when the car is moving.
- o To avoid damaging the selector mechanism, do not use the gear shift lever as a hand rest. Release the lever immediately the shift is completed.
- o To avoid premature clutch wear, do not use the clutch pedal as a foot rest, and do not hold the vehicle on a gradient using the clutch.

DRIVING YOUR HYUNDAI

- o Ensure that the engine is not over-revved by upshifting.
- o Do not coast with the shift lever at the neutral position.
- o When descending long gradients, make use of the engine braking to assist the footbrake to avoid brake fade or overheating.
- o When slippery conditions are encountered, increased caution should be executed when gear changing, braking or accelerating. Abrupt changes in speed may cause a loss of traction.
- o To shift into reverse, rest the lever in neutral for at least 3 seconds after your car is completely stopped. Then move the lever into the reverse position.
- o During cold weather, shifting may be difficult until the transaxle lubricant has warmed up. This is normal and not harmful to the transaxle.
- o 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 let up on the clutch. Press the clutch pedal back down, and then shift into 1st or R(Reverse) gear position.
- o Do not use the shift lever as a handrest during driving, as this can result in premature wear of the transaxle shift forks.

WARNING:

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 over revving of the engine may possibly cause engine damage.

C070B01X-GAT

Using the Clutch of Manual transaxle

The clutch should be pressed all the way to the floor before shifting, then released slowly. The clutch pedal should be always used after fully returning to the original position. Do not rest your foot on the clutch pedal while driving. This can cause unnecessary wear. Do not partially engage the clutch to hold the car on an incline. This causes unnecessary wear. Use the parking brake to hold the car on an incline. Do not operate the clutch pedal rapidly and repeatedly.

C070D01X-GAT

Good Driving Practices

- o Never take the car out of gear and coast down a hill. This is extremely hazardous. Always leave the car in gear.
- o 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.
- o Slow down before shifting to a lower gear. This will help avoid over-revving the engine, which can cause damage.

- o Slow down when you encounter cross winds. This gives you much better control of your car.
- o Be sure the car is completely stopped before you attempt to shift into reverse. The transaxle can be damaged if you do not. To shift into reverse, depress the clutch (manual transaxle), move the shift lever to neutral, wait three seconds, then shift to the reverse position.
- o 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.

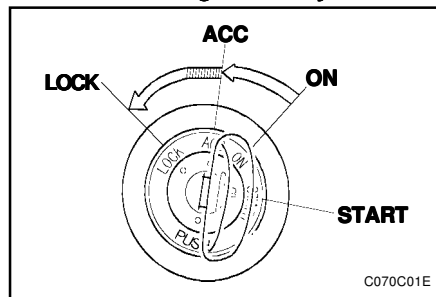
CAUTION:

- o **The risk of rollover is greatly increased if you lose control of your vehicle at high-way speeds.**
- o **Loss of control often occurs if two or more wheels drop off the roadway and the driver oversteers to reenter the roadway.**
- o **In the event your vehicle leaves the roadway, do not steer sharply. Instead, slow down before pulling back into the travel lanes.**
- o **In a collision crash, an unbelted person is significantly more likely to die than a person wearing a seatbelt.**

DRIVING YOUR HYUNDAI

C070C01A-AAT

To Remove the Ignition Key



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

C070E02A-GAT

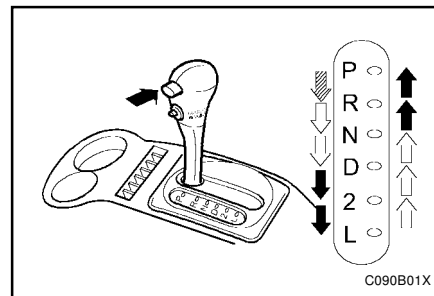
Recommended Shift Points

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

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

C090A01A-GAT

AUTOMATIC TRANSAXLE



The highly efficient Hyundai automatic transaxle has four forward speeds and one reverse speed. It has a conventional shift pattern as shown in the illustration. At night, with the first position of the multi-function switch, the appropriate symbol on the shift pattern indicator will be illuminated according to the range selected.

CAUTION:

Never shift into "R" or "P" position while the vehicle is moving.

NOTE:

➡ **Depress the brake pedal and push the button when shifting.**

➡ **Push the button when shifting.**

➡ **The selector lever can be shifted freely.**

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

C090B01A-AAT

The function of each position is as follows:

o P (Park):

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

CAUTION:

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

DRIVING YOUR HYUNDAI

C090C01A-AAT

o R(Reverse):

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

C090D02A-AAT

o N (Neutral):

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

C090E01A-GAT

o D (Drive):

Use for normal driving. The transaxle will automatically shift through a four-gear sequence, giving best economy and power. Never downshift manually to "2" position or "L" position when vehicle speed is more than 95 km/h (60 mph).

C090F01A-AAT

o 2 (Second gear):

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

C090G01S-GAT

o L (Low gear):

Use for driving up a very steep grade or for engine braking when descending steep hills. When downshifting to "L", the transaxle will temporarily remain in second gear until the vehicle has slowed enough for low gear to engage. Do not exceed 50 km/h (30 mph) in low gear.

"L" shifts to 1st gear only. However, shift up to 2nd is performed when the car exceeds a certain speed and, as speed increases, the transaxle will shift up to 3rd gear to prevent over-revving the engine.

C090H01E-GAT

NOTE:

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

C090I01E-AAT

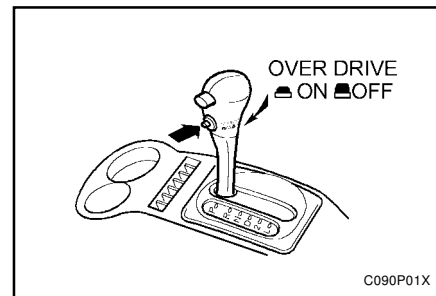
CAUTION:

- o Shift into "R" and "P" position only when the vehicle has completely stopped.**

- o Do not accelerate the engine in reverse or any of the forward positions with the brakes applied.**
- o Always apply the footbrake when shifting from "P" or "N", to "R", "D", "2" or "L" position.**
- o Do not use the "P" (Park) position in place of the parking brake. Always set the parking brake, shift the transaxle into "P" (Park) position and turn off the ignition when you leave the vehicle, even momentarily. Never leave the vehicle unattended while the engine is running.**
- o Check the automatic transaxle fluid level regularly, and add fluid as necessary.**

C090P01A-GAT

Overdrive Switch



When the overdrive switch is turned on, the transaxle will automatically upshift to the second, third and overdrive gears. When the over-

DRIVING YOUR HYUNDAI

drive switch is turned off, the transaxle will not upshift to the overdrive gear. For normal driving, the selector lever should be left in the "D" position and the overdrive switch turned on. If you need to accelerate rapidly, press the accelerator pedal all the way to the floor. The transaxle will automatically shift to a lower gear, depending on the vehicle speed and load.

C090N02A-AAT

Good Driving Practices

- o Never move the gear selector lever from "P" or "N" to any other position with the accelerator pedal depressed.
- o Never move the gear selector lever into "P" when the vehicle is in motion.
- o Be sure the car is completely stopped before you attempt to shift into "R".
- o 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.
- o 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.
- o Slow down before shifting to a lower gear. Otherwise, the lower gear may not be engaged.
- o Always use the parking brake. Do not depend on placing the transaxle in "P" to keep the car from moving.

- o 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.
- o Turn the overdrive switch on for good fuel economy and smooth driving. If engine braking is needed in the "D" range or if repeated upshifting and downshifting between 3rd and 4th gear is needed when climbing a gentle slope, it is recommended that the overdrive switch be turned off. Turn the overdrive switch back on immediately afterward.

CAUTION:

- o **The risk of rollover is greatly increased if you lose control of your vehicle at high-way speeds.**
- o **Loss of control often occurs if two or more wheels drop off the roadway and the driver oversteers to reenter the roadway.**
- o **In the event your vehicle leaves the roadway, do not steer sharply. Instead, slow down before pulling back into the travel lanes.**
- o **In a collision crash, an unbelted person is significantly more likely to die than a person wearing a seatbelt.**

C130A01A-AAT

GOOD BRAKING PRACTICES

WARNING:

Do not allow passengers to sit on the cargo area while the car is moving as this is not a proper seating position and no seat belts are available for use when the seat back is folded down. This could result in serious injury or death in case of an accident or a sudden stop. Objects 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.

- o After being parked, check to be sure the parking brake is not engaged and that the parking brake indicator light is out before driving away.
- o 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 and it may also pull to one side. To dry the brakes, apply the brakes lightly until the braking action returns to normal, taking care to keep the car under control at all times. If the braking action does not return to normal, stop as soon as it is safe to do so and call your Hyundai dealer for assistance.
- o 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.

- o 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.
- o 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.
- o If your car is equipped with an automatic transaxle, don't let your car creep forward. To avoid creeping forward, keep your foot on the brake pedal when the car is stopped.
- o Use caution when parking on a hill. Engage the parking brake and place the gear selector lever in "P" (automatic transaxle) or in first or reverse gear (manual transaxle). If your car is facing downhill, turn the front wheels into the curb to help keep the car from rolling. If your car is facing uphill, turn the front wheels away from the curb to help keep the car from rolling. If there is no curb or if it is required by other conditions to keep the car from rolling, block the wheels.
- o Under some conditions your parking brake can freeze in the engaged position. This is most likely to happen when there is an accumulation of snow or ice around or near the rear brakes or if the brakes are wet. If there is a risk that the parking brake may freeze, apply it only temporarily while you

put the gear selector lever in "P" (automatic) or in first or reverse gear (manual transaxle) and block the rear wheels so the car cannot roll. Then release the parking brake.

- o Do not hold the vehicle on the upgrade with the accelerator pedal. This can cause the transaxle to overheat. Always use the brake pedal or parking brake.

C120A02A-AAT

ANTI-LOCK BRAKE SYSTEM (If installed)

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

NOTE:

During ABS operation, a slight pulsation may be felt in the brake pedal when the brakes are applied. Also, a noise may be heard in the engine compartment while braking. These conditions are normal and indicate that the anti-lock brake system is functioning properly.

WARNING:

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

- o **Driving on rough, gravel or snow-covered roads.**
- o **Driving with tire chains installed.**
- o **Driving on roads where the road surface is pitted or has different surface height.**

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

DRIVING YOUR HYUNDAI

C140A01A-AAT

DRIVING FOR ECONOMY

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

- o 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.
- o 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.
- o 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 over-heat, which reduces their effectiveness and may lead to more serious consequences.
- o 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.
- o 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.
- o Keep your car in good condition. For better fuel economy and reduced maintenance costs, maintain your car in accordance with the maintenance schedule in Section 5. If you drive your car in severe conditions, more frequent maintenance is required (see Section 5 for details).
- o Keep your car clean. For maximum service, your Hyundai should be kept clean and free of corrosive materials. It is especially important that mud, dirt, ice, etc. not be allowed to accumulate on the underside of the car. This extra weight can result in increased fuel consumption and also contribute to corrosion.
- o Travel lightly. Don't carry unnecessary weight in your car. Weight reduces fuel economy.
- o 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.
- o Remember, your Hyundai does not require extended warm-up. As soon as the engine is running smoothly, you can drive away. In very cold weather, however, give your engine a slightly longer warm-up period.
- o 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.

- o Use your air conditioning sparingly. The air conditioning system is operated by engine power so your fuel economy is reduced when you use it.

C150A01A-AAT

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.

C160A01A-AAT

WINTER DRIVING

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

C160B01A-AAT

Snowy or Icy Conditions

To drive your vehicle in deep snow, it may be necessary to use snow tires or to install tire chains on your tires. If snow tires are needed, it is necessary to select tires equivalent in size and type to the original equipment tires.

Failure to do so may adversely affect the safety and handling of your car. 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 front and your vehicle. Also, apply the brake gently.

It should be noted that installing tire chains on the tire will provide a greater driving force, but will not prevent side skids.

NOTE:

Tire chains are not legal in all provinces. Check province laws before fitting tire chains.

C160C01A-AAT

Use High Quality Ethylene Glycol Coolant

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

C160D01A-AAT

Check Battery and Cables

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

C160E01A-AAT

Change to "Winter Weight" Oil If Necessary

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

C160F01A-AAT

Check Spark Plugs and Ignition System

Inspect your spark plugs as described in Section 6 and replace them if necessary. Also check all ignition wiring and components to be sure they are not cracked, worn or damaged in any way.

C160G01A-GAT

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 burning your fingers.

NOTE:

The proper temperature for using the Immobilizer key is from -40°C to 80°C. If you heat the Immobilizer key over 80°C to open the frozen lock, it may cause damage to the transponder in its head.

C160H01A-AAT

Use Approved Anti-Freeze in Window Washer System

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

C160I01X-GAT

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 tempo-

rarily while you put the gear selector lever in "P" (automatic transaxle) or in first or reverse gear (manual transaxle) and block the rear wheels so the car cannot roll. Then release the parking brake.

C160J01A-AAT

Don't Let Ice and Snow Accumulate Underneath

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

C160K01A-AAT

Carry Emergency Equipment

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

C170A01A-AAT

HIGHER SPEED MOTORING

Pre-Trip Inspections

1. Tires:

Adjust the tire inflation pressures to specification driving. Low tire inflation pressures will result in overheating and possible failure of the tires.

Avoid using worn or damaged tires which may result in reduced traction or tire failure.

NOTE:

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

2. Fuel, engine coolant and engine oil:

High speed travel consumes 1.5 times more fuel than urban motoring. Do not forget to check both engine coolant and engine oil.

3. Drive belt:

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

C180A01A-AAT

USE OF LIGHTS

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

C190A01A-GAT

TRAILER OR VEHICLE TOWING

If you are considering towing with your car, you should first check with your Province Department of Motor Vehicles to determine their legal requirements.

Since laws vary from province to province the requirements for towing trailers, cars, or other types of vehicles or apparatus may differ. Ask your Hyundai dealer for further details before towing.

CAUTION:

Do not do any towing with your car during its first 2,000 km (1,200 miles) in order to allow the engine to properly break in. Failure to heed this caution may result in serious engine or transaxle damage.

C190B01S-AAT

Trailer Hitches

Select the proper hitch and ball combination, making sure that it's location is compatible with that of the trailer or vehicle being towed.

Use a quality non-equalizing hitch which distributes the tongue load uniformly throughout the chassis.

The hitch should be bolted securely to the car and installed by a qualified technician. **DO NOT USE A HITCH DESIGNED FOR TEMPORARY INSTALLATION AND NEVER USE ONE THAT ATTACHES ONLY TO THE BUMPER.**

C190C01X-GAT

Trailer Brakes

If your trailer is equipped with a braking system, make sure it conforms to federal and/or local regulations and that it is properly installed and operating correctly.

NOTE:

If you tow a trailer or vehicle, your car will require more frequent maintenance due to the additional load. See "Maintenance Under Severe Usage Conditions" on page 5-4.

CAUTION:

- o Never connect a trailer brake system directly to the vehicle brake system.
- o When towing a trailer on steep grades (in excess of 12%) pay close attention to the engine coolant temperature gauge to ensure the engine does not overheat. If the needle of the coolant temperature gauge moves across the dial towards "H" (HOT), pull over and stop as soon as it is safe to do so, and allow the engine to idle until it cools down. You may proceed once the engine has cooled sufficiently.

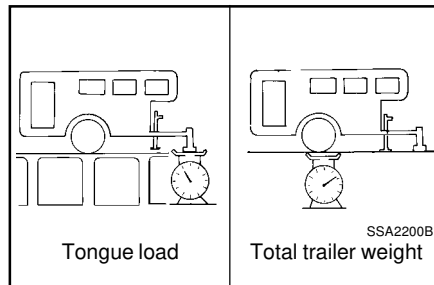
C190D01A-GAT

Safety Chains

Should the hitch connection between your car and the trailer or vehicle you are towing fail, the trailer or vehicle could wander dangerously across other lanes of traffic and ultimately collide with another vehicle. To eliminate this potentially dangerous situation, safety chains, attached between your car and the trailer or towed vehicle, are required in most provinces.

C190E04X-GAT

Trailer Weight Limit

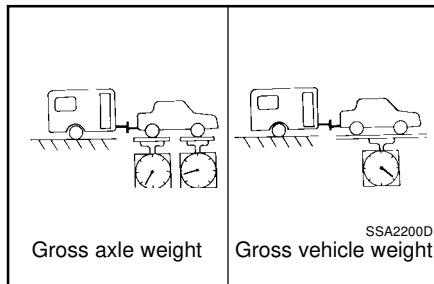
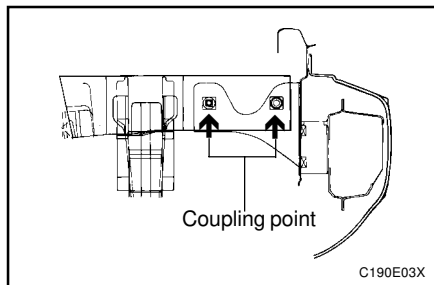


Tongue loads can be increased or decreased by redistributing the load in the trailer. This can be verified by checking the total weight of the loaded trailer and then checking the load on the tongue.

NOTE:

1. **Never load the trailer with more weight in the back than in the front. About 60% of the trailer load should be in the front half on the trailer and the remaining 40% in the rear.**
2. **The total gross vehicle weight with trailer must not exceed the Gross Vehicle Weight Rating (GVWR) shown on the vehicle identification plate (see page 8-1). The total gross vehicle weight is the combined weight of the vehicle, driver, all passengers and their luggage, cargo, hitch, trailer tongue load and other optional equipment.**
3. **The front or rear axle weight must not exceed the Gross Axle Weight Rating (GAWR) shown on the vehicle identification plate (see page 8-1). It is possible that your towing package does not exceed the GVWR but exceeds the GAWR. Improper trailer loading and/or too much luggage in the trunk can overload the rear axle. Redistribute the load and check the axle weight again.**
4. **The maximum permissible overhang of the coupling point is 570 mm. (ATOS VAN : 568mm)**

DRIVING YOUR HYUNDAI



CAUTION:

The following specifications are recommended when towing a trailer. The loaded trailer weight cannot safely exceed the values in the chart.

	Maximum Towable Weight	
	Trailer	
	Auto Transaxle	Manual Transaxle
With Brake Type	400	700
Without Brake Type	400	400

WARNING:

- o The tongue load should never exceed;
Auto: 25kg
Manual : 28kg
- o Maximum permissible mass of the coupling device (ATOS VAN only) : 20kg
- o Improperly loading your car and trailer can seriously affect its steering and braking performance causing a crash which could cause serious injury or death.

C190F01A-GAT

Trailer or Vehicle Towing Tips

1. Before towing, check hitch and safety chain connections as well as proper operation of the trailer running lights, brake lights, and turn signals.
2. Always drive your vehicle at a moderate speed (Less than 100 km/h)
3. Trailer towing requires more fuel than normal conditions.

4. To maintain engine braking efficiency and electrical charging performance, do not use fifth gear (manual transaxle) or overdrive (automatic transaxle).
5. Always secure items in the trailer to prevent load shift while driving.
6. Check the condition and air pressure of all tires on the trailer and your car. Low tire pressure can seriously affect the handling. Also check the spare tire.
7. The vehicle/trailer combination is more affected by crosswind and buffeting. When being passed by a large vehicle, keep a constant speed and steer straight ahead. If there is too much wind buffeting slow down to get out of the other vehicle's air turbulence.
8. When parking your car and trailer, especially on a hill, be sure to follow all the normal precautions. Turn your front wheel into the curb, set the parking brake firmly, and put the transaxle in 1st or Reverse (manual) or Park (automatic). In addition, place wheel chocks at each of the trailer's tires.
9. If the trailer has electric brakes, start your vehicle and trailer moving, and then apply the trailer brake controller by hand to be sure the brakes are working. This lets you check your electrical connection at the same time.
10. During your trip, check occasionally to be sure that the load is secure, and that the lights and any trailer brakes are still working.

11. Avoid jerky starts, sudden acceleration or sudden stops.
 12. Avoid sharp turns and rapid lane changes.
 13. Avoid holding the brake pedal down too long or too frequently. This could cause the brakes to overheat, resulting in reduced braking efficiency.
 14. When going down a hill, shift into a lower gear and use the engine braking effect. When ascending a long grade, downshift the transaxle to a lower gear and reduce speed to reduce chances of engine overloading and/or overheating.
 15. If you have to stop while going uphill, do not hold the vehicle in place by pressing on the accelerator. This can cause the automatic transaxle to overheat. Use the parking brake or footbrake.
1. Turn off the air conditioner.
 2. Reduce highway speed.
 3. Select a lower gear when going uphill.
 4. While in stop and go traffic, place the gear selector in park or neutral and idle the engine at a higher speed.

NOTE:

When towing check transaxle fluid more frequently.

CAUTION:

If overheating should occur when towing, (temperature gauge reads near red zone), taking the following action may reduce or eliminate the problem.

WHAT TO DO IN AN EMERGENCY

3. WHAT TO DO IN AN EMERGENCY

D010A01A-AAT

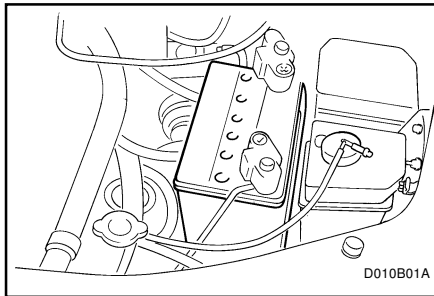
IF THE ENGINE WILL NOT START

CAUTION:

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

D010B01A-AAT

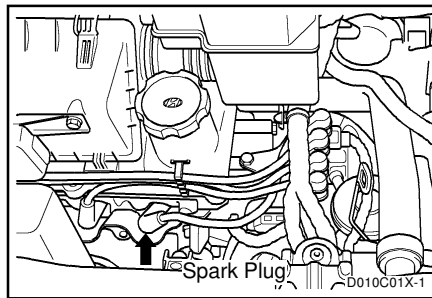
If Engine Doesn't Turn Over or Turns Over Slowly



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

D010C01A-AAT

If Engine Turns Over Normally but Does Not Start



1. Check fuel level.
2. Check all connectors at ignition, coil and spark plugs. Reconnect any that may be disconnected or loose.

3. Check the fuel line in the engine room.
4. If the engine still refuses to start, call a Hyundai dealer or seek other qualified assistance.

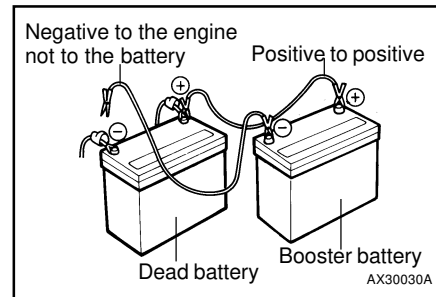
D010D01A-AAT

If the Engine Stalls While Driving

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

D020A02A-AAT

JUMP STARTING



WHAT TO DO IN AN EMERGENCY

WARNING:

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

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

2. Turn off all unnecessary lights and accessories in both vehicles.
3. Attach the clamps of the jumper cable in the exact order shown in the illustration. That is, first, attach one clamp of the jumper cable to the positive (+) post or cable of the discharged battery. Then attach the other end of the same cable to the positive (+) post or cable of the booster battery. Next, using the other cable, attach one clamp to the negative (-) post or cable of the booster battery. Then attach the other end of that cable to a solid metal part of the engine away from the battery. Do not connect the cable to any moving part.
4. Start the engine in the car with the booster battery and let it run for a few minutes. This will help to assure that the booster battery is fully charged. During the jumping operation, run the engine in this vehicle at about 2,000 rpm.
5. Start your engine using the normal starting procedure. After the engine starts, leave the jumper cables connected and let the engine run at fast idle or about 2,000 rpm for several minutes.
6. Carefully remove the jumper cables in the reverse order of attachment.

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

D030A01A-AAT

IF THE ENGINE OVERHEATS

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

1. Pull off the road and stop as soon as it is safe to do so.
2. Place the gear selector lever in "P" (automatic transaxle), or neutral (manual transaxle) 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 engine 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 engine 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).

WHAT TO DO IN AN EMERGENCY

WARNING:

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

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

WARNING:

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

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

CAUTION:

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

D040A01A-GAT

SPARE TIRE

The following instructions for the FULL SIZE spare tire should be observed:

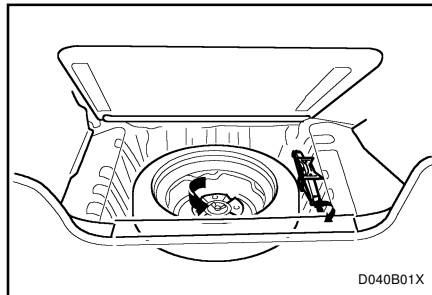
Check inflation pressure as soon as practical after installing the spare tire, and adjust to the specified pressure. The tire pressure should be periodically checked and maintained at the specified pressure while the tire is stored.

Spare Tire Pressure

Tire Size	Full Size
Inflation Pressure	210 kPa (30 psi)

D040B01A-AAT

Handling the Spare Tire



Remove the installation bolt to remove the spare tire. To replace the spare tire in its storage

compartment, tighten the bolt firmly with your fingers until there is no more play in the spare tire.

D050A01A-AAT

IF YOU HAVE A FLAT TIRE

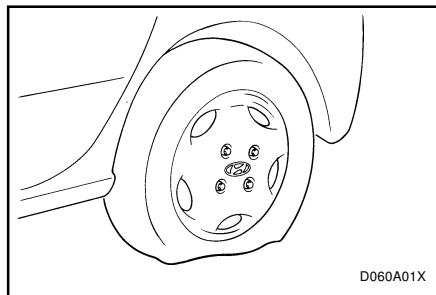
If a tire goes flat while you are driving:

- 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.
- When the car is stopped, turn on your emergency hazard flashers, set the parking brake and put the transaxle in "P" (automatic transaxle) or reverse (manual transaxle)
- 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.
- Change the tire according to the instructions provided as following.

WHAT TO DO IN AN EMERGENCY

D060A01A-AAT

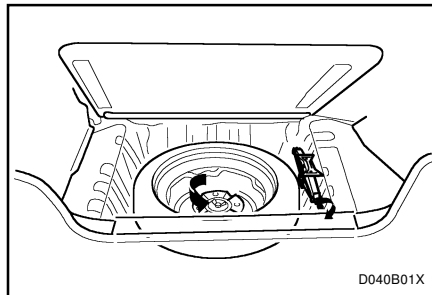
CHANGING A FLAT TIRE



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

D060B01FC-GAT

1. Obtain Spare Tire and Tool



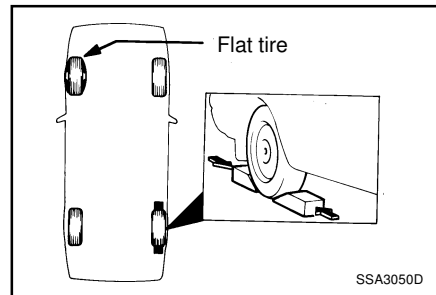
Remove the spare tire and take out the jack and tool bag from the luggage room.

NOTE:

The jack is located beneath the luggage mat in the vehicle.

D060C01A-AAT

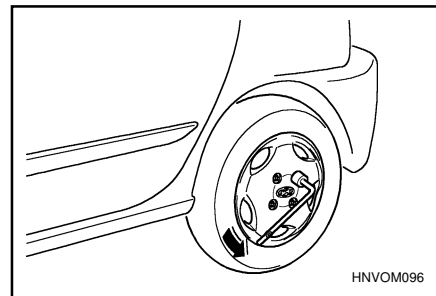
2. Block the Wheel



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

D060D01A-AAT

3. Loosen Wheel Nuts

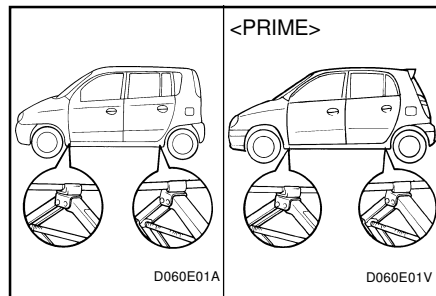


WHAT TO DO IN AN EMERGENCY

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

D060E01A-AAT

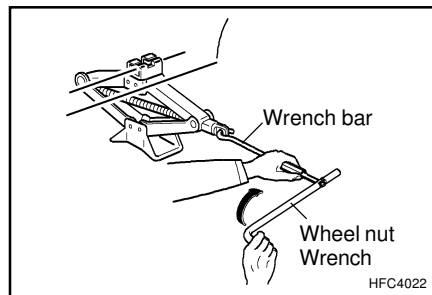
4. Put the Jack in Place



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

D060F02E-AAT

5. Raising the Car



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

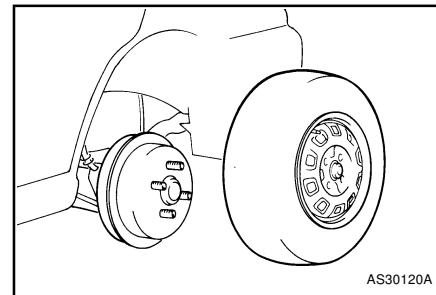
Raise the car high enough so that the fully inflated spare tire can be installed. To do this, you will need more ground clearance than is required to remove the flat tire.

WARNING:

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

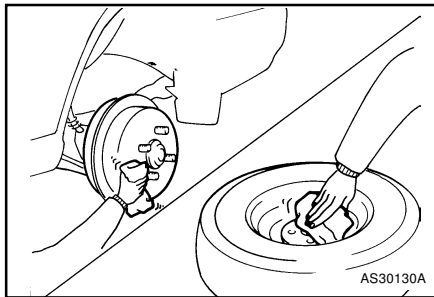
D060G01A-AAT

6. Changing Wheels



Use the wrench to loosen the wheel nuts, then remove them with your fingers. Remove the wheel cover (if installed) from the wheel and 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.

WHAT TO DO IN AN EMERGENCY



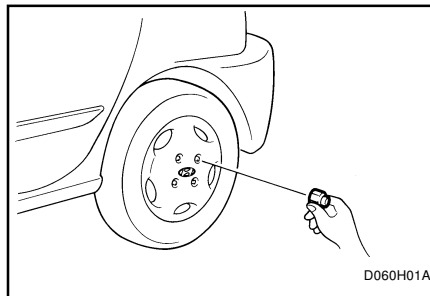
WARNING:

Wheel covers may have sharp edges. Handle them carefully to avoid possible severe injury.

Before putting the wheel into place, be sure that there is nothing on the hub or wheel (such as mud, tar, gravel, etc.) that interferes with the wheel fitting solidly against the hub. If there is, remove it. 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.

D060H01A-AAT

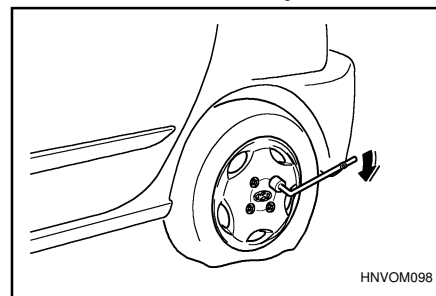
7. Re-install Wheel Nuts



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

D060J01E-GAT

8. Lower Vehicle and Tighten Nuts



Lower the car to the ground by turning the wheel nut wrench counterclockwise. Then position the wrench as shown in the drawing and tighten the wheel nuts. Be sure the socket is seated completely over the nut. Do not stand on the wrench 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 a technician tighten the wheel nuts to their proper torque as soon as possible.

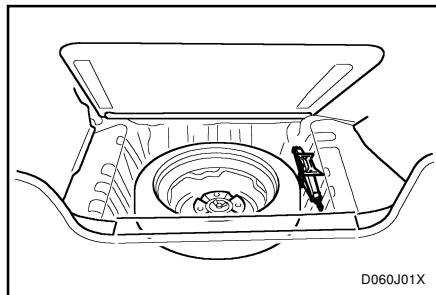
Wheel nut tightening torque:

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

WHAT TO DO IN AN EMERGENCY

D060J01FC-GAT

After Changing Wheels

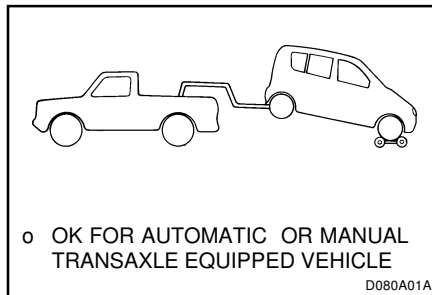


If you have a tire gauge, remove the valve cap and check the air pressure. If the pressure is lower than recommended, drive slowly to the nearest service station and inflate to the correct pressure. If it is too high, adjust it until it is correct. Always reinstall the valve cap after checking or adjusting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

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

D080A01A-GAT

IF YOUR CAR MUST BE TOWED



o OK FOR AUTOMATIC OR MANUAL
TRANSAXLE EQUIPPED VEHICLE

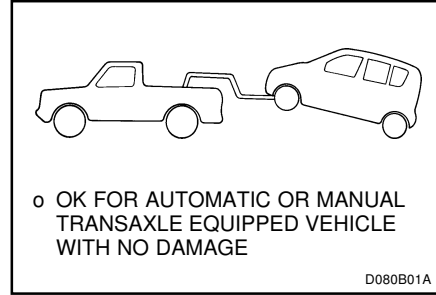
CAUTION:

Your car can be damaged if towed incorrectly!

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

D080B01A-AAT

Towing a Car With a Manual Transaxle



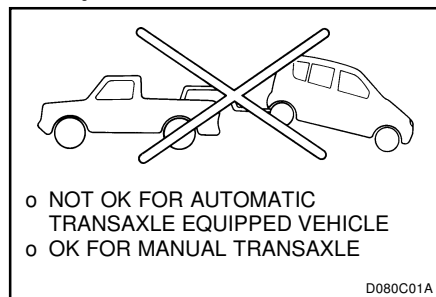
o OK FOR AUTOMATIC OR MANUAL
TRANSAXLE EQUIPPED VEHICLE
WITH NO DAMAGE

- o If the car is being towed with the rear wheels on the ground, be sure the parking brake is released.
- o If the car is being towed with the front wheels on the ground, be sure that the transaxle is in neutral. Also, be sure that the ignition key is in the "ACC" position. This is necessary to prevent damage to the steering lock mechanism, which is not designed to hold the front wheels straight while the car is being towed.
- o If any of the loaded wheels or suspension components are damaged, a towing dolly must be used.

WHAT TO DO IN AN EMERGENCY

D080C02A-GAT

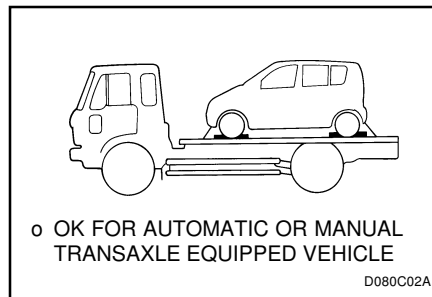
Towing a Car With Automatic Transaxle



CAUTION:

A car with an automatic transaxle should never be towed from the rear with the front wheels on the ground. This can cause serious damage to the transaxle. If the car must be towed from the rear, a towing dolly must be used under the front wheels.

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

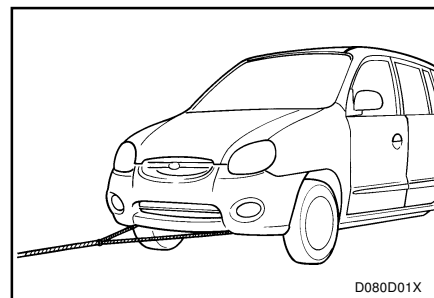


NOTE:

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

D080D02X-GAT

Emergency Towing



For emergency towing when no commercial tow vehicle is available, attach a tow cable, chain or strap to the two hooks under the front of your car. Do not attempt to tow your vehicle in this manner on any unpaved surface. This could result in serious damage to your car.

Nor should it be attempted if the wheels, drive train, axles, steering or brakes are damaged. Before towing, be sure the transaxle is in neutral and the key is in "ACC" (with the engine off) or in the "ON" position (with the engine running). A driver must be in the towed car to steer it and operate the brakes.

CAUTION:

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

D120A01A-GAT

IF YOU LOSE YOUR KEYS

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

Information about the key of immobilizer system (If installed) will be found on page 1-2.

4. CORROSION PREVENTION & APPEARANCE CARE

E010A01A-AAT

CORROSION PROTECTION

Protecting Your Hyundai from Corrosion

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

E010B01A-AAT

Common Causes of Corrosion

The most common causes of corrosion on your car are:

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

E010C01A-AAT

High-Corrosion Areas

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

E010D01A-AAT

Moisture Breeds Corrosion

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

Mud is 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.

E020A01A-AAT

TO HELP PREVENT CORROSION

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

E020B01A-AAT

Keep Your Car Clean

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

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

CORROSION PREVENTION AND APPEARANCE CARE

E020C01A-AAT

Keep Your Garage Dry

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

E020D01A-AAT

Keep Paint and Trim in Good Condition

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

E020E01A-AAT

Don't Neglect the Interior

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

E030A01A-AAT

WASHING AND WAXING

Washing Your Hyundai

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

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

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

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

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

To clean cast aluminum alloy wheels, use a mild soap or neutral detergent. Do not use abrasive cleaners. Protect the bare-metal surfaces by cleaning, polishing and waxing. Because aluminum is subject to corrosion, be sure to give aluminum alloy wheels special attention in winter. If you drive on salted roads, clean the wheels thoroughly afterwards.

After washing, be sure to rinse thoroughly. If soapy water dries on the finish, streaking will result.

When the weather is warm and the humidity low, you may find it necessary to rinse each section immediately after washing to avoid streaking.

After rinsing, dry the car using a damp chamois or soft, absorbent cloth. The reason for drying the car is to remove water from the car so it will dry without water spots. Don't rub, this can damage the finish.

If you find any nicks or scratches in the paint, use touch-up paint to cover them to prevent corrosion. To protect the paintwork of the car against corrosion, you must clean your Hyundai

CORROSION PREVENTION AND APPEARANCE CARE

(at least once a month). Give special attention to the removal of salt, mud and other substances on the underside of the splashboards of the car. Make sure that the outlets and the underside of the doors are open. Paint damage can be caused by small accumulation of tar, industrial precipitation, tree resin, insects and bird droppings, when not removed immediately. If water alone is not strong enough to remove the accumulated dirt, use a mild car washing solution. Be sure to rinse the surface after washing to remove the solution. Never allow the solution to dry on the painted surfaces.

E030B01A-AAT

Spot Cleaning

Don't use gasoline, strong solvents or corrosive cleaning agents. These can damage the finish of the car. To remove road tar, use turpentine on a clean, soft cloth or commercially available bug and tar remover. Be gentle.

To remove dead insects or tree sap, use warm water and mild soap or car-washing solution. Soak the spot and rub gently. If the paint has lost its luster, use a commercial car-cleaning polish.

E030C01A-AAT

Polishing and Waxing

Always wash and dry the car before polishing or waxing or using a combination cleaner and wax. Use a good quality commercial product and follow the manufacturer's directions on the container. Polish and wax the bright trim pieces as well as the paint.

E030D01A-AAT

When to Wax Again

You should polish and wax the car again when water no longer beads on a clean surface but spreads out over a larger area.

E030E01A-AAT

Maintaining Bumpers

Special precautions must be observed to preserve the appearance of the bumpers on your Hyundai. They are:

- o Be careful not to spill battery electrolyte or hydraulic brake fluid on the bumpers. If you do, wash it off immediately with clean water.
- o Be gentle when cleaning the bumper surfaces. They are made of soft plastic and the surface can be damaged if mistreated. Do not use abrasive cleaners. Use warm water and mild soap or car-washing solution.

- o Do not expose the bumpers to high temperatures. For example, if you have your car repainted, do not leave the bumpers on the car if the car is going to be placed in a high temperature paint booth.

E040A01A-AAT

CLEANING THE INTERIOR

To Clean the Vinyl Upholstery

To clean the vinyl upholstery, first remove loose dirt and dust with a vacuum cleaner. Then apply a solution of mild soap or detergent and water using a clean sponge or soft cloth. Allow this to stay on the surface to loosen the dirt, then wipe with a clean damp sponge or cloth. If all the dirt stains are not removed, repeat this procedure until the upholstery is clean. Do not use gasoline, solvent, paint thinner or other strong cleaners.

E040B01A-AAT

To Clean the Leather Upholstery (If Installed)

In the normal course of use, leather upholstered surfaces will, like any material, pick-up dust and dirt. This dust and dirt must be cleaned off or it may work into the surface of the leather, causing damage.

Fine leather needs care, and should be cleaned when necessary. Washing leather thoroughly with soap and water will keep your leather lustrous, beautiful and ensure you have many years of wear.

Take a piece of cheese cloth and using any mild soap and lukewarm water, work up a good lather. Thoroughly wash the leather. Wipe clean with a slightly damp cloth and dry with soft cloth. Do this as often as the leather becomes soiled.

During tanning operations, sufficient oils are incorporated through processing that none need be applied during the life of the leather. Oil applied to the finished surface will in no way help the leather and may do more harm than good. Varnishes and furniture polishes should never be used under any conditions.

E040C01A-AAT

Cleaning the Carpets

Use a foam-type carpet cleaner. Cleaners of this type are available in aerosol cans in liquid form or powder. Read the instructions and follow them exactly. Using a vacuum cleaner with the appropriate attachment, remove as much dirt from the carpets as possible. Apply the foam following the manufacturer's directions, then rub in overlapping circles. Do not add water. These cleaners work best when the carpet is kept as dry as possible.

E040D01A-AAT

Cleaning the Seat Belts

To clean the seat belts, use a cloth or sponge with mild soap or detergent and warm water. Do not use strong detergents, dye, bleach or abrasive materials on the seat belts as this may weaken the fabric.

While cleaning the belts, inspect them for excessive wear, cuts, fraying or other signs of damage and replace them if necessary.

E040E01A-AAT

Cleaning the Windows

You may use any household window cleaner on the windows. However, when cleaning the inside of the rear window be careful not to damage the rear window defroster wiring.

E050A01A-AAT

ANY QUESTIONS?

If you have any questions about the care of your car, consult your Hyundai dealer.

5. VEHICLE MAINTENANCE REQUIREMENTS

F010A01A-GAT

MAINTENANCE INTERVALS

Service requirements

To assure that you receive the greatest number of kilometers of satisfying operation from your Hyundai, certain maintenance procedures must be performed. Although careful design and engineering have reduced these to a minimum, those that are required are of the utmost importance.

It is your responsibility to have these maintenance procedures performed to comply with the terms of the warranties covering your new Hyundai. The Service Passport supplied with your new vehicle provides further information about these warranties.

F010B01A-AAT

Maintenance Requirements

The maintenance required for your Hyundai can be divided into three main areas:

- o Specified scheduled procedures
- o General everyday checks
- o Do-it-yourself maintenance

F010C01A-GAT

Specified Scheduled Procedures

These are the procedures such as inspections, adjustments and replacements that are listed in the maintenance charts starting on page 5-2. These procedures must be performed at the intervals shown in the maintenance schedule to assure that your warranty remains in effect. Although it is strongly recommended that they be performed by the factory-trained or distributor-trained technicians at your Hyundai dealer, these procedures may be performed at any qualified service facility.

It is suggested that genuine Hyundai service parts be used for any required repairs or replacements. Other parts of equivalent quality such as engine oil, engine coolant, manual or auto transaxle oil, brake fluid and so on which are not supplied by Hyundai Motor Company or its distributor may be used without affecting your warranty coverage but you should always be sure these are equivalent to the quality of the original Hyundai parts. Your Service Passport provides further information about your warranty coverage.

F010D01A-AAT

General Checks

These are the regular checks you should perform when you drive your Hyundai or you fill the fuel tank. A list of these items will be found on page 6-2.

F010E01A-AAT

Do-It-Yourself Maintenance

If you are mechanically inclined, own a few tools that are required and want to take the time to do so, you can inspect and service a number of items. For more information about doing it yourself, see Section 6.

F010F01A-AAT

A Few Tips

- o Whenever you have your Hyundai serviced, keep copies of the service records in your glovebox. This will help ensure that you can document that the required procedures have been performed to keep your warranties in effect. This is especially important when service is not performed by an authorized Hyundai dealer.
- o If you choose to do your own maintenance and repairs, you may find it helpful to have an official Hyundai Shop Manual. A copy of this publication may be purchased at your Hyundai dealer's parts department.

F020A02X-GAT

SCHEDULED MAINTENANCE REQUIREMENTS

Inspection should be performed any time a malfunction is experienced or suspected. Receipts for all emission control system services should be retained to demonstrate compliance with conditions of the emissions system warranty. For severe usage maintenance requirements, see page 5-4 of this section.

VEHICLE MAINTENANCE REQUIREMENTS

F030A01A-GAT

SCHEDULED MAINTENANCE

The following maintenance services must be performed to assure good vehicle control and performance. Keep receipts for all vehicle services to protect your warranty.

Where both mileage and time are shown, the frequency of service is determined by whichever occurs first.

F030B01X-GAT

R : Replace I : Inspect and, after inspection, clean, adjust, repair or replace if necessary

No.	DESCRIPTION	KILOMETERS X 1000	15	30	45	60	75	90	105	120
		MONTHS	12	24	36	48	60	72	84	96
ENGINE CONTROL SYSTEM MAINTENANCE										
1	ENGINE OIL & FILTER (SG OR ABOVE)	See Note (1)	R	R	R	R	R	R	R	R
2	DRIVE BELT (WATER PUMP & GENERATOR)			I		R		I		R
3	FUEL FILTER (MFI)					R				R
4	FUEL LINES, FUEL HOSES & CONNECTIONS		I	I	I	I	I	I	I	I
5	TIMING BELT					I		R		
6	VAPOR HOSE & FUEL FILLER CAP			I		I		I		I
7	VACUUM CRANKCASE VENTILATION HOSES			I		I		I		I
8	AIR CLEANER FILTER		I	R	I	R	I	R	I	R
9	SPARK PLUGS			I	R		I	R		I
10	VALVE CLEARANCE			I		I		I		I

Note : (1) SF OR LOWER : EVERY 10,000 KM OR 6 MONTHS : "R"

VEHICLE MAINTENANCE REQUIREMENTS

F030C06X-GAT

R : Replace I : Inspect and, after inspection, clean, adjust, repair or replace if necessary

NO.	DESCRIPTION		KILOMETERS X 1000	15	30	45	60	75	90	105	120
			MONTHS	12	24	36	48	60	72	84	96
GENERAL MAINTENANCE											
1	COOLING SYSTEM			I	I	I	I	I	I	I	I
2	ENGINE COOLANT			See Note (2)							
3	MANUAL TRANSAXLE OIL			I	I	I	I	I	I	I	I
4	AUTOMATIC TRANSAXLE FLUID	European Community Only	I	I	I	I	I	R	I	I	
		Except European Community	I	I	I	I	I	I	I	I	
5	BRAKE HOSES AND LINES			I	I	I	I	I	I	I	I
6	BRAKE FLUID				I		I		I		I
7	REAR BRAKE DRUMS/LININGS, PARKING BRAKE				I		I		I		I
8	BRAKE PADS, CALIPERS AND ROTORS			I	I	I	I	I	I	I	I
9	EXHAUST PIPE AND MUFFLER			I	I	I	I	I	I	I	I
10	SUSPENSION MOUNTING BOLTS			I	I	I	I	I	I	I	I
11	STEERING GEAR BOX, LINKAGE & BOOTS/LOWER ARM BALL JOINT			I	I	I	I	I	I	I	I
12	POWER STEERING PUMP, BELT AND HOSES			I	I	I	I	I	I	I	I
13	DRIVESHAFTS AND BOOTS				I		I		I		I
14	AIR CONDITIONING REFRIGERANT			I	I	I	I	I	I	I	I
15	REAR WHEEL BEARING GREASE				I		I		I		I

Note : (2) FOR EVERY 24 MONTHS OR 45,000 KM, WHICHEVER OCCURS FIRST : "R"

VEHICLE MAINTENANCE REQUIREMENTS

F040A05X-GAT

MAINTENANCE UNDER SEVERE USAGE CONDITIONS

The following items must be serviced more frequently on cars normally used under severe driving conditions. Refer to the chart below for the appropriate maintenance intervals.

R : Replace I : Inspect and, after inspection, clean, adjust, repair or replace if necessary

MAINTENANCE ITEM		MAINTENANCE OPERATION	MAINTENANCE INTERVALS	DRIVING CONDITION
ENGINE OIL AND FILTER		R	EVERY 7,500 KM OR 6 MONTHS	A, B, C, F, H
AIR CLEANER FILTER		R	MORE FREQUENTLY	C, E
SPARK PLUGS		R	MORE FREQUENTLY	B, H
TIMING BELT		R	EVERY 60,000 KM OR 48 MONTHS	D, E, F, G
BRAKE PADS, CALIPERS AND ROTORS		I	MORE FREQUENTLY	C, D, G, H
REAR BRAKE DRUMS/LININGS, PARKING BRAKE		I	MORE FREQUENTLY	C, D, G, H
STEERING GEAR BOX, LINKAGE & BOOTS/LOWER ARM BALL JOINT		I	MORE FREQUENTLY	C, D, E, F
DRIVESHAFTS AND BOOTS		I	EVERY 15,000 KM OR 12 MONTHS	C, D, E, F
MANUAL TRANSAXLE OIL		R	EVERY 100,000 KM	A, C, D, E, F, G, H, I, J
AUTOMATIC TRANSAXLE FLUID	European community Only	R	EVERY 45,000 KM	A, C, E, F, G, H, I
	Except European community		EVERY 40,000 KM	

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 170 km/h

VEHICLE MAINTENANCE REQUIREMENTS

F060A01A-AAT

EXPLANATION OF SCHEDULED MAINTENANCE ITEMS

F060M01A-AAT

o Engine oil and filter

The engine oil and filter should be changed at the intervals specified in the maintenance schedule. If the car is being driven in severe conditions, more frequent oil and filter changes are required.

F060B01A-AAT

o Drive belts

Inspect all drive belts for evidence of cuts, cracks, excessive wear or oil and replace if necessary. Drive belts should be checked periodically for proper tension and adjusted as necessary.

F060C01A-AAT

o Fuel filter

A clogged filter can limit the speed at which the vehicle may be driven, damage the emission system and cause hard starting. If an excessive amount of foreign matter accumulates in the fuel tank, the filter may require replacement more frequently.

After installing a new filter, run the engine for several minutes, and check for leaks at the connections.

F060D01A-GAT

o Fuel lines, fuel hoses and connections

Check the fuel lines, fuel hoses and connections for leakage and damage. Replace any damaged or leaking parts immediately.

F060E01A-AAT

o Timing belt

Inspect all parts related to the timing belt for damage and deformation. Replace any damaged parts immediately.

F060G01A-AAT

o Vapor hose and fuel filler cap

The vapor hose and fuel filler cap should be inspected at those intervals specified in the maintenance schedule. Make sure that a new vapor hose or fuel filler cap is correctly replaced.

F060F01A-AAT

o Vacuum, crankcase ventilation hoses

Inspect the surface of hoses for evidence of heat and/or mechanical damage. Hard and brittle rubber, cracking, tears, cuts, abrasions, and excessive swelling indicate deterioration. Particular attention should be paid to examine those hose surfaces nearest to high heat sources, such as the exhaust manifold.

Inspect the hose routing to assure that the hoses do not come in contact with any heat source, sharp edges or moving component which might cause heat damage or mechanical wear. Inspect all hose connections, such as clamps and couplings, to make sure they are secure, and that no leaks are present. Hoses should be replaced immediately if there is any evidence of deterioration or damage.

F060H01A-AAT

o Air cleaner filter

A Genuine Hyundai air cleaner filter is recommended when filter is replaced.

F060J01A-AAT

o Spark plugs

Make sure to install new spark plugs of the correct heat range.

F060N01X-GAT

o Valve clearances

Incorrect valve clearance will not only result in unsteady engine operation, but will also cause excessive noise and reduced engine performance. Inspect valve clearance and adjust as required while the engine is hot.

Valve-to-rocker arm clearance

Intake valves 0.2 mm (0.008 in.)

Exhaust valves 0.25 mm (0.010 in.)

VEHICLE MAINTENANCE REQUIREMENTS

F070B01A-GAT

o Cooling System

Check the cooling system part, such as radiator, coolant reservoir, hoses and connections for leakage and damage. Replace any damaged parts.

F070C01A-AAT

o Engine coolant

The coolant should be changed at the intervals specified in the maintenance schedule.

F070D02X-GAT

o Manual transaxle oil

Inspect the manual transaxle oil according to the maintenance schedule.

NOTE:

If the oil level is low, check for possible leaks before adding oil. Do not overfill.

F070E01X-GAT

o Automatic transaxle fluid

The fluid level should be in the "HOT" range of the dipstick, after the engine and transaxle are at normal operating temperature. Check the Automatic Transaxle Fluid level with the engine running and the transaxle in neutral, with the parking brake properly applied. Use ESSO JWS-3314 when adding or changing fluid.

F070F01A-AAT

o Brake hoses and lines

Visually check for proper installation, chafing, cracks, deterioration and any leakage. Replace any deteriorated or damaged parts immediately.

F070G01A-AAT

o Brake fluid

Check brake fluid level in the brake fluid reservoir. The level should be between "MIN" and "MAX" marks on the side of the reservoir. Use only hydraulic brake fluid conforming to DOT 3 or DOT 4.

F070H01A-AAT

o Rear brake drums/linings, parking brake

Check the rear brake drums and linings for scoring, burning, leaking fluid, broken parts, and excessive wear. Inspect the parking brake system including the parking brake lever and cables. For detailed service procedures, refer to the Shop Manual.

F070J01A-AAT

o Brake pads, calipers and rotors

Check the pads for excessive wear, discs for run out and wear, and calipers for fluid leakage.

F070K01A-AAT

o Exhaust pipe and muffler

Visually inspect the exhaust pipes, muffler and hangers for cracks, deterioration, or damage. Start the engine and listen carefully for any exhaust gas leakage. Tighten connections or replace parts as necessary.

F070L01A-AAT

o Suspension mounting bolts

Check the suspension connections for looseness or damage. Retighten to the specified torque.

F070M01A-AAT

o Steering gear box, linkage & boots/ lower arm ball joint

With the vehicle stopped and engine off, check for excessive free-play in the steering wheel. Check the linkage for bends or damage. Check the dust boots and ball joints for deterioration, cracks, or damage. Replace any damaged parts.

F070N01A-AAT

o Power steering pump, belt and hoses

Check the power steering pump and hoses for leakage and damage. Replace any damaged or leaking parts immediately. Inspect the power steering belt for evidence of cuts, cracks, excessive wear, oiliness and proper tension. Replace or adjust it if necessary.

VEHICLE MAINTENANCE REQUIREMENTS

F070P01A-AAT

o Driveshafts and boots

Check the drive shafts, boots and clamps for cracks, deterioration, or damage. Replace any damaged parts and, if necessary, repack the grease.

F070Q01A-AAT

o Air conditioning refrigerant

Check the air conditioning lines and connections for leakage and damage. Check air conditioning performance according to the relevant shop manual if necessary.

F070R02X-GAT

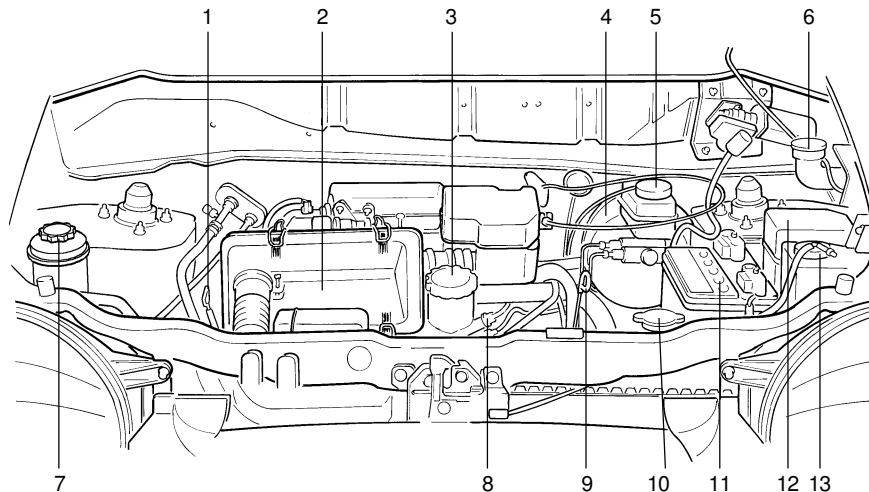
o Rear wheel bearing grease

Check rear wheel bearing grease whenever the brake drums are removed to inspect the rear brake system.

6. DO-IT-YOURSELF MAINTENANCE

G010A02X-GAT

ENGINE COMPARTMENT (For Multiport Fuel Injection)



1. Engine oil level dipstick
2. Air cleaner
3. Engine oil filler cap
4. Brake booster
5. Brake fluid reservoir

6. Windshield washer fluid reservoir cap
7. Power steering fluid reservoir
8. Spark plug
9. Automatic transaxle fluid level dipstick
(Automatic T/A only)

10. Radiator cap
11. Battery
12. Relay box
13. Engine coolant reservoir

DO-IT-YOURSELF MAINTENANCE

G020A01A-AAT

GENERAL CHECKS

Engine Compartment

The following should be checked regularly:

- o Engine oil level and condition
- o Transaxle fluid level and condition
- o Brake fluid level
- o Clutch fluid level
- o Engine coolant level
- o Windshield washer fluid level
- o Accessory drive belt condition
- o Engine coolant hose condition
- o Fluid leaks (on or below components)
- o Power steering fluid level
- o Battery Condition

G020B01A-AAT

Vehicle Exterior

The following should be checked monthly:

- o Overall appearance and condition
- o Wheel condition and wheel nut torque
- o Exhaust system condition
- o Light condition and operation
- o Windshield glass condition
- o Wiper blade condition
- o Paint condition and body corrosion
- o Fluid leaks
- o Door and hood lock condition
- o Tire pressure and condition (including spare tire)
- o Air filter condition

G020C01X-GAT

Vehicle Interior

The following should be checked each time when the vehicle is driven:

- o Lights operation
- o Windshield wipers operation
- o Horn operation
- o Defroster, heating system operation (and air conditioning, if installed)
- o Steering operation and condition
- o Mirror condition and operation
- o Turn signal operation
- o Accelerator pedal operation
- o Brake operation, including parking brake
- o Manual transaxle operation, including clutch operation
- o Automatic transaxle operation, including "Park" mechanism operation
- o Seat control condition and operation
- o Seat belt condition and operation
- o Sunvisor operation

If you notice anything that does not operate correctly or appears to be functioning in correctly, inspect it carefully and seek assistance from your Hyundai dealer if service is needed.

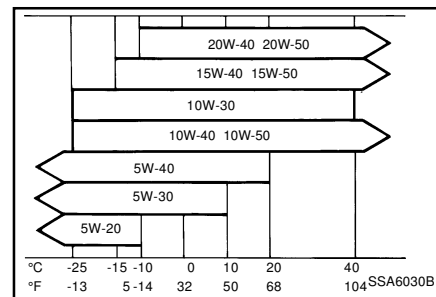
G030A01A-AAT

CHECKING THE ENGINE OIL

Engine oil is essential to the performance and service of the engine. It is suggested that you check the oil level at least once a week in normal use and more often if you are on a trip or driving in severe conditions.

G030B01A-GAT

Recommended Oil



SH, SG or SG/CD (API) multi-grade and fuel efficient oil is recommended.

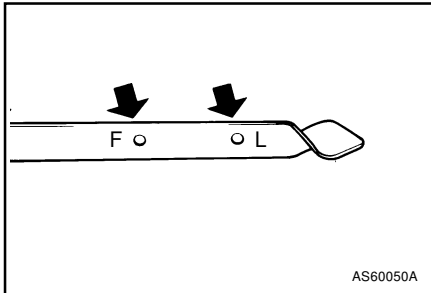
NOTE:

SAE 5W-20 is not recommended for sustained high speed vehicle operation.

DO-IT-YOURSELF MAINTENANCE

G030C01A-AAT

To Check the Oil Level

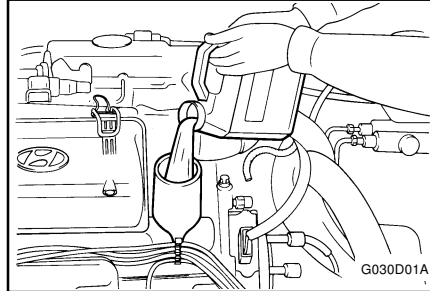


Before checking the oil, warm up the engine to the normal operating temperature and be sure your car is parked on level ground. Turn the engine off.

Wait a minute, then remove the dipstick, wipe it off, fully reinsert the dipstick and withdraw it again. Then note the highest level the oil has reached on the dipstick. It should be between the upper ("FULL") and lower ("LOW") range.

G030D01A-GAT

Adding Oil



If the oil level is close to or below the "L" mark, add oil until it reaches the "F" mark. To add oil:

1. Remove the oil filler cap by turning it counter-clockwise.
2. Add oil, then check the level again. Do not overfill.
3. Replace the cap by turning it clockwise.

The distance between the "F" and "L" marks is equal to about 1 liter of oil.

G350A01A-GAT

ENGINE OIL CONSUMPTION

Function of Engine Oil

Engine oil has the primary function of lubricating and cooling the inside of the engine.

Engine oil consumption

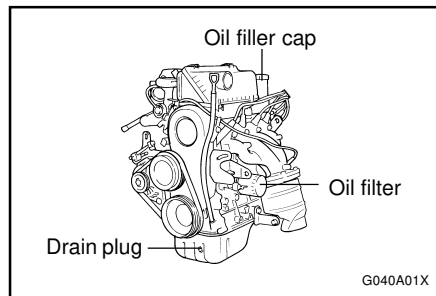
It is normal that an engine should consume some engine oil while normal driving. The cause of oil consumption in a normal engine are as follows;

- o Engine oil is used to lubricate pistons, piston rings and cylinders.
A thin film of oil is left on the cylinder wall when a piston moves downwards in the cylinder. High negative pressure generated during engine operation sucks some of the oil into the combustion chamber.
This oil with some oil of the cylinder wall is burned by the high temperature combustion gases during the combustion process.
- o The engine oil consumption is strongly affected by the viscosity and quality of oil, engine rpm and driving condition etc. The engine oil is more consumed under severe driving conditions such as high speeds and frequent acceleration and deceleration than normal driving condition.

DO-IT-YOURSELF MAINTENANCE

G040A03X-GAT

CHANGING THE OIL AND FILTER



The engine oil and filter should be changed at those intervals specified in the maintenance schedule in Section 5. If the car is being driven in severe conditions, more frequent oil and filter changes are required.

The procedure for changing the oil and filter is as follows:

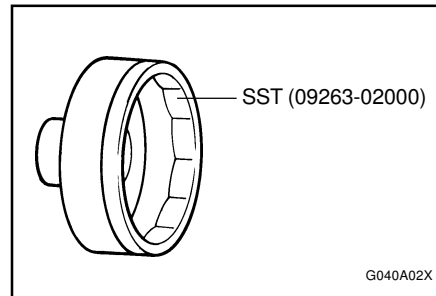
1. Park the car on level ground and set the parking brake. Start the engine and let it warm up until the needle on the coolant temperature gauge moves above the lowest mark. Turn the engine off and place the gear selector lever in "P" (automatic transaxle) or reverse gear (manual transaxle).
2. Open the hood and remove the engine oil filler cap.

3. Slide underneath the car and loosen the drain plug by turning it counterclockwise with a wrench of the proper size. Be sure that a drain pan is in position to catch the oil as it drains out, then remove the drain plug.

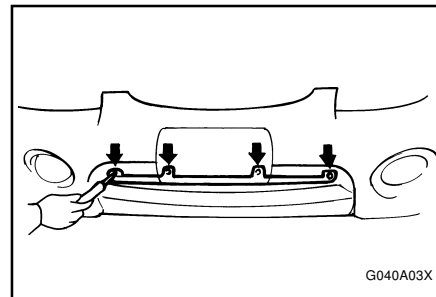
WARNING:

Be very careful when draining the engine oil as it may be hot enough to burn you!

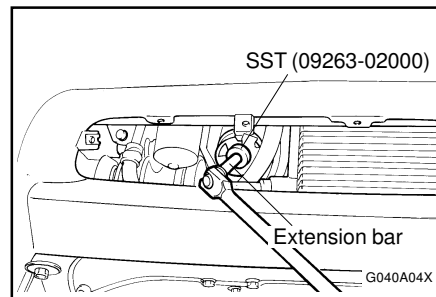
4. When the oil has stopped draining, replace the drain plug using a new washer and retighten by turning it clockwise.



5. Before removing the oil filter, prepare the special tool (oil filter wrench), extension bar and ratchet handle.

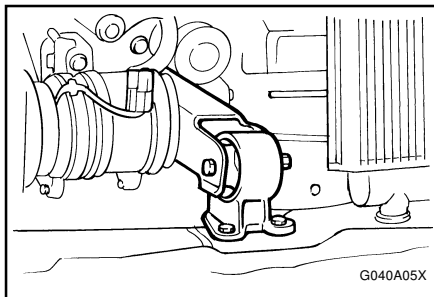


6. First, remove the vehicle number plate. Unscrew the tapping screws (4EA) and remove the front bumper grille.

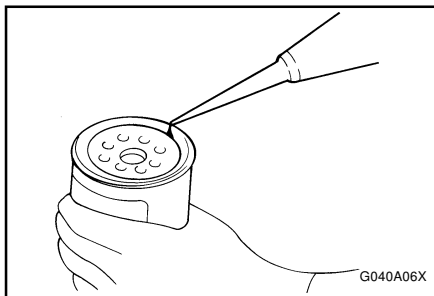


7. Using the special tool (09263-02000), remove the oil filter through the bumper hole.

DO-IT-YOURSELF MAINTENANCE

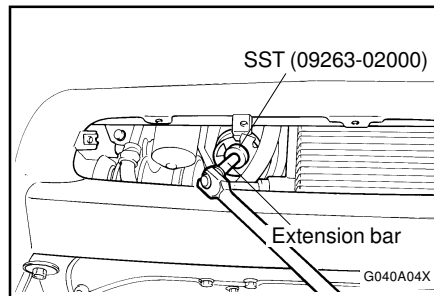


8. Before installing the new oil filter on the engine, apply clean engine oil to the surface of the rubber gasket. Temporarily tighten the oil filter by hand.



9. Using the special tool (09263-02000) and torque wrench, tighten the oil filter to the specified torque.

Tightening torque 12-16 Nm
(120-160 kg.cm, 9-12 lb.ft)



NOTE:

- o Be careful not to drop the engine oil on the rubber parts of the engine mounting insulator.
- o You can purchase the SST from your Hyundai dealer.
- o If you aren't sure how to use, consult your Hyundai dealer.

10. Refill the crankcase with the recommended engine oil. Refer to the specification in chapter 9 for engine oil capacity.
11. Start the engine and check to be sure no oil is leaking from the drain plug or oil filter.
12. Shut off the engine and recheck the oil level.

NOTE:

Always dispose of used engine oil in an environmentally acceptable manner. It is suggested that it be placed in a sealed container and taken to a service station for reclamation. Do not pour the oil on the ground or put it into the household trash.

WARNING:

Used motor oil may cause irritation or cancer of the skin if left in contact with the skin for prolonged periods of time. Wash your hands thoroughly with soap and warm water as soon as possible after handling used oil.

G050A01A-AAT

CHECKING AND CHANGING THE ENGINE COOLANT

WARNING:

Do not remove the radiator cap when the engine is hot. When the engine is hot, the engine coolant is under pressure and may erupt through the opening if the cap is removed. You could be seriously burned if you do not observe this precaution. Do not remove the radiator cap until the radiator is cool to the touch.

DO-IT-YOURSELF MAINTENANCE

G050B01A-AAT

Recommended Engine Coolant

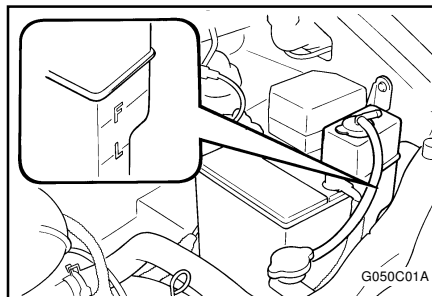
Use a high quality ethylene-glycol coolant in a 50/50 mix with water. The engine coolant should be compatible with aluminum engine parts. Additional corrosion inhibitors or additives should not be used. The cooling system must be maintained with the correct concentration and type of engine coolant to prevent freezing and corrosion.

Never allow the concentration of antifreeze to exceed the 60% level or go below the 35% level or damage to the coolant system may result. For proper concentration when adding or replacing the coolant, refer to the following table.

Ambient temperature °C (°F)	Engine coolant concentration	
	Antifreeze solution	Water
-15 (5)	35%	65%
-25 (-13)	40%	60%
-35 (-31)	50%	50%
-45 (-49)	60%	40%

G050C01A-AAT

To Check the Coolant Level



The coolant level can be seen on the side of the plastic coolant reservoir. The level of the coolant should be between the "LOW" and "FULL" lines on the reservoir when the engine is cold. If the level is below the "LOW" mark, add engine coolant to bring it up between "LOW" and "FULL". If the level is low, inspect for coolant leaks and recheck the fluid level frequently. If the level drops again, visit your Hyundai dealer for an inspection and diagnosis of the reason.

G050D02A-AAT

To Change the Engine Coolant

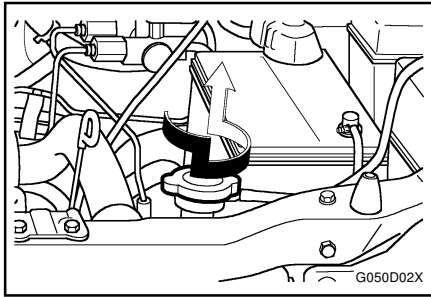
The engine coolant should be changed at those intervals specified in the vehicle maintenance schedule in Section 5.

CAUTION:

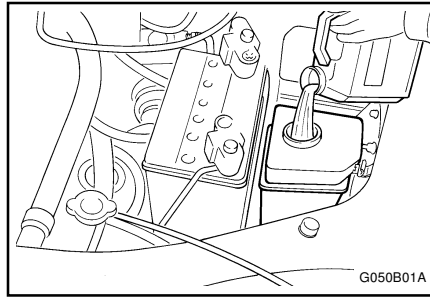
Engine coolant can damage the finish of your car. If you spill engine coolant on the car, wash it off thoroughly with clean water.

1. Park the car on level ground, set the parking brake and remove the radiator cap when cool.
2. Be sure your drain receptacle is in place. Open the drain cock on the radiator. Allow all the engine coolant to drain from the cooling system, then securely close the drain cock.
3. Check Section 9 for the capacity of the cooling system in your car. Then, following the manufacturer's directions on the engine coolant container, add the appropriate quantity of engine coolant to the radiator.

DO-IT-YOURSELF MAINTENANCE



4. Turn the radiator cap counterclockwise without pressing down on it, until it stops. This relieves any pressure remaining in the cooling system. And remove the radiator cap by pushing down and turning counterclockwise. Now fill the radiator with clean demineralized or distilled water. Continue to add clean demineralized or distilled water in small quantities until the fluid level stays up in the radiator neck.



5. Start the engine, top off the radiator with water and then add engine coolant to the reservoir until the level is between "LOW" and "FULL".
6. Replace the radiator and reservoir caps and check to be sure the drain cocks are fully closed and not leaking.

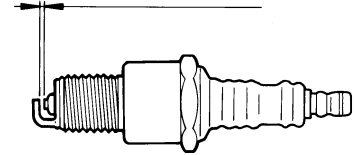
WARNING:

The cooling fan is controlled by engine coolant temperature and may sometimes operate even when the engine is not running. Use extreme caution when working near the blades of the cooling fan so that you are not injured by a rotating fan blade. As the engine coolant temperature decreases, the fan will automatically shut off. This is a normal condition.

G060B02A-GAT

REPLACING THE SPARK PLUGS

Unleaded: 1.0 ~ 1.1 mm (0.039 ~ 0.043 in.)
Leaded: 0.8 ~ 0.9 mm (0.031 ~ 0.035 in.)



The spark plugs should be changed at the intervals specified in the vehicle maintenance schedule in Section 5 or whenever engine performance indicates they should be changed. Symptoms that suggest poor spark plug performance include engine misfiring under load, loss of fuel economy, poor acceleration, etc. When spark plugs are replaced, always use spark plugs recommended by Hyundai. The use of other spark plugs can result in loss of performance, radio interference or engine damage.

NOTE:

When replacing the spark plug, always use the genuine parts recommended.

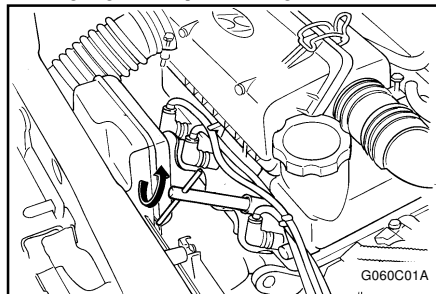
DO-IT-YOURSELF MAINTENANCE

Recommended Spark Plugs:

	Unleaded	Leaded
CHAMPION	RC9YC4	RC9YC
	RC10YC4	RC10YC
NGK	BKR5ES-11	BKR5ES

G060C02A-AAT

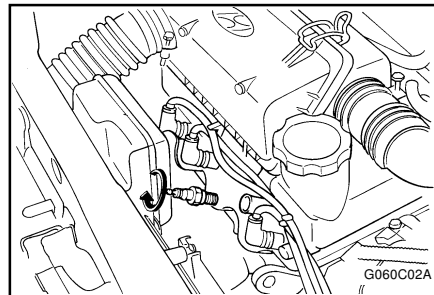
Changing the Spark Plugs



You will find it easier to change spark plugs if the engine is cold. Always change one spark plug at a time. This helps avoid getting the wires mixed up.

1. Using a clean cloth, remove any dirt that has accumulated around the base of the spark plug so it cannot fall into the cylinder when the spark plug is removed.

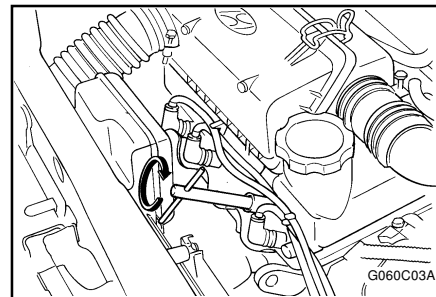
2. To remove the spark plug cable, pull straight up on the insulated connector, not the cable. Pulling on the cable may damage the carbon core conductor.



WARNING:

It is recommended that the engine be cool or cold when changing the spark plugs. If the engine is hot, you could burn yourself on the insulated connector, the spark plug or the engine itself.

3. When preparing to remove the old spark plug, guide the socket down over the spark plug, being careful not to damage the ceramic insulator.
4. To remove the old spark plug, turn the wrench handle in a counterclockwise direction.
5. To install the new spark plug, guide the socket down over the spark plug, being careful not to damage the ceramic insulator.



NOTE:

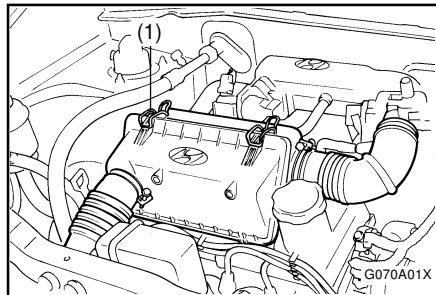
Spark plugs should be tightened firmly. Over-tightening can damage the threads in the aluminum cylinder head. Also, leaving them too loose can cause the spark plug to get very hot and possibly result in damage to the engine.

6. Replace the cable by pushing the insulated connector directly down onto the electrode. Check to be sure it has snapped into place and can't fall off.

DO-IT-YOURSELF MAINTENANCE

G070A01X-GAT

CHANGING THE AIR CLEANER FILTER



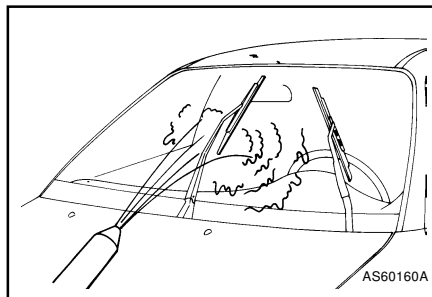
To change the filter, loosen the clamps (1) on the cover. When this is done, the cover can be lifted off, the old filter removed and the new filter put in its place. Genuine Hyundai replacement parts are recommended.

CAUTION:

Operating your vehicle without a proper air filter in place can result in excessive engine wear.

G080A02A-AAT

WINDSHIELD WIPER BLADES



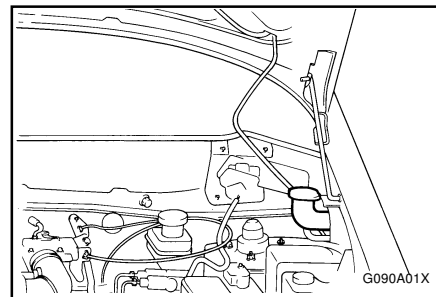
The wiper blades should be carefully inspected from time to time and cleaned to remove accumulations of road film or other debris. To clean the wiper blades and arms, use a clean sponge or cloth with a mild soap or detergent and water. If the wipers continue to streak or smear the glass, replace them with Genuine Hyundai Replacement Parts or their equivalent.

CAUTION:

- o Do not operate the wipers on dry glass. This can result in more rapid wear of the wiper blades and may scratch the glass.
- o Keep the blade rubber out of contact with petroleum products such as engine oil, gasoline etc.

G090A01X-GAT

FILLING THE WASHER RESERVOIR



The washer fluid reservoir supplies fluid to the windshield washer system.

A good quality washer fluid should be used to fill the washer reservoir. The fluid level should be checked more frequently during bad weather or whenever the washer system is in more frequent use.

The capacity of the washer reservoir is 2.5 liters (2.63 U.S. quarts).

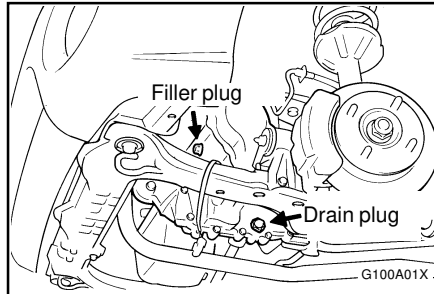
CAUTION:

- o Radiator antifreeze (engine coolant) should not be used in the washer system because it will damage the car's finish.
- o The washer lever should not be pulled and the washer should not be operated if the washer reservoir is empty. This can damage the washer fluid pump.

DO-IT-YOURSELF MAINTENANCE

G100A04X-GAT

CHECKING THE TRANSAXLE OIL (MANUAL)



Transaxle lubricant in the manual and transaxle should be checked at those intervals specified in the vehicle maintenance schedule in Section 5.

Recommended Oil

Use only HYUNDAI GENUINE PARTS MTF 75W/90 (API GL-4) in the manual transaxle.

Manual Transaxle Oil Capacity

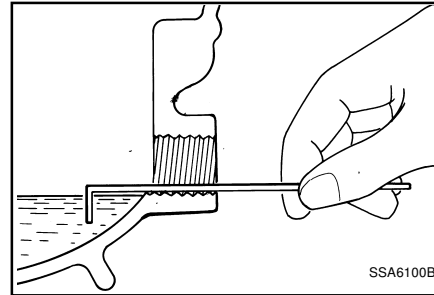
The oil capacity of the manual transaxle is 2.45 liters (2.58 U.S. quarts).

WARNING:

It is always better to check the transaxle oil level when the engine is cool or cold. If the engine is hot, you should exercise great caution to avoid burning yourself on hot engine or exhaust parts.

G100B01A-AAT

To check the Manual Transaxle Fluid Level



Park the car on level ground with the engine off.

1. Using a wrench of the correct size, loosen the oil filler plug by turning it counterclockwise and remove it with your fingers.
2. Use your finger or suitable tool to feel inside the hole. The oil level should be at its bottom edge. If it is not, check for leaks before adding oil. To refill the transaxle or bring the oil level up, add oil slowly until it reaches the proper level. Do not overfill.
3. Replace the plug and washer, screw it in with your fingers and then tighten securely with the wrench.

G110A01A-AAT

CHECKING THE TRANSAXLE FLUID (AUTOMATIC)

Transaxle fluid in the automatic transaxle should be checked at those intervals specified in the vehicle maintenance schedule in Section 5.

G110B01X-AAT

Recommended Fluid

Your Hyundai automatic transaxle is specially designed to operate with ESSO JWS3314. Damage caused by a nonspecified fluid is not covered by your new vehicle limited warranty.

G110C01X-GAT

Transaxle Fluid Capacity

The fluid capacity of the automatic transaxle is 5.2 liters (5.48 U.S. quarts).

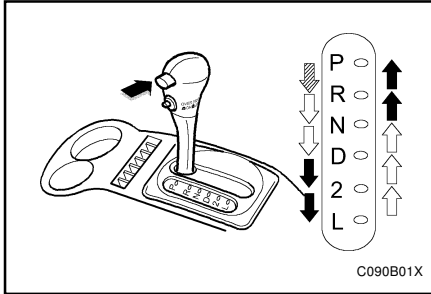
WARNING:

The transaxle fluid level should be checked when the engine is at normal operating temperature. This means that the engine, radiator, exhaust system etc., are very hot. Exercise great care not to burn yourself during this procedure.

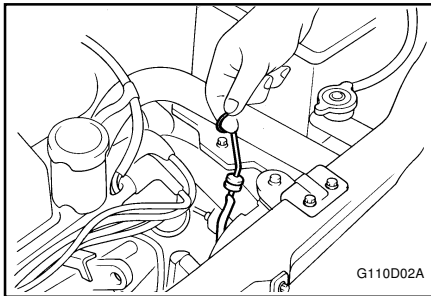
DO-IT-YOURSELF MAINTENANCE

G110D02A-GAT

To Check the Automatic Transaxle Fluid Level

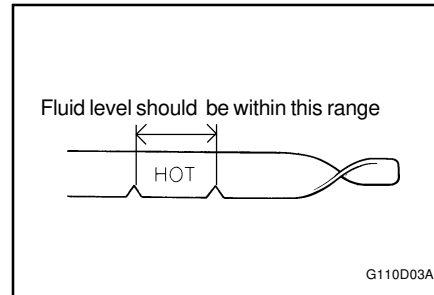


Park the car on level ground with the parking brake engaged. When the transaxle fluid level is checked, the transaxle fluid should be at normal operating temperature and the engine idling.



While the engine is idling, apply the brakes and move the gear selector lever from "P" to each of its other positions — "R", "N", "D", "2", "L" — and then return to "N" or "P" with the engine still idling:

1. Open the hood, being careful to keep hands, long hair and clothing clear of any moving parts.
2. Remove the transaxle dipstick, wipe it clean, reinsert the dipstick as far as it will go, then remove it again. Now check the fluid level on the dipstick. It should be in the "HOT" range on the dipstick.



3. If the transaxle fluid level is low, use a funnel to add transaxle fluid through the dipstick tube until the level reaches the "HOT" range. Do not overfill.

WARNING:

The cooling fan is controlled by engine coolant temperature and may sometimes operate even when the engine is not running. Use extreme caution when working near the blades of the cooling fan, so that you are not injured by a rotating fan blade. As the engine coolant temperature decreases, the fan will automatically shut off. This is a normal condition.

G120A01A-AAT

CHECKING THE BRAKES

CAUTION:

Because brakes are essential to the safe operation of the car, it is suggested that they be checked and inspected by your Hyundai dealer. The brakes should be checked and inspected for wear at those intervals specified in the vehicle maintenance schedule in Section 5.

G120B01A-AAT

Checking the Brake Fluid Level

WARNING:

Use caution when handling brake fluid. It can damage your vision if it gets into your eyes. It will also damage your vehicle's paint if spilled on it and not removed immediately.

G120C02A-AAT

Recommended Brake Fluid

Use only hydraulic brake fluid conforming to DOT 3 or DOT 4 specifications in your braking

DO-IT-YOURSELF MAINTENANCE

system. Follow the instructions printed on the container.

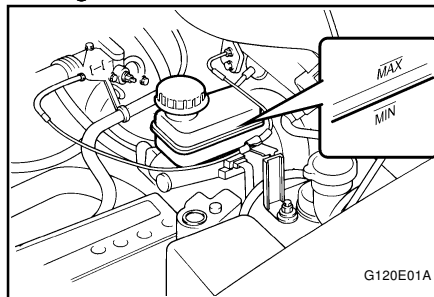
G120D01A-AAT

To Check the Fluid Level

The fluid level in the brake fluid reservoir should be checked periodically. The level should be between the "MIN" and "MAX" marks on the side of the reservoir. If the level is at or below the "MIN" mark, carefully add fluid to bring it up to "MAX". Do not overfill.

G120E02A-AAT

Adding Brake Fluid



WARNING:

Handle brake fluid carefully. It can damage your vision if it gets into your eyes. Use only DOT 3 or DOT 4 specification fluid from a sealed container. Do not allow the fluid can or reservoir to remain open any longer than required. This will prevent entry of dirt and

moisture which can damage the brake system and cause improper operation.

To add brake fluid, first wipe away any dirt then unscrew the fluid reservoir cap. Slowly pour the recommended fluid into the reservoir. Do not overfill. Carefully replace the cap on the reservoir and tighten.

G140A01A-AAT

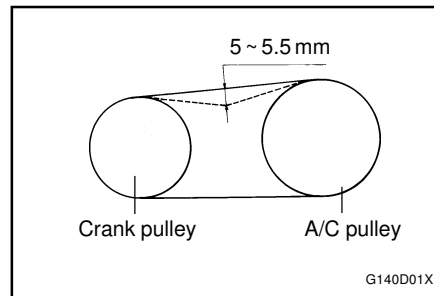
AIR CONDITIONER CARE

Keeping the Condenser Clean

The air conditioner condenser (and engine radiator) should be checked periodically for accumulation of dirt, dead insects, leaves, etc. These can interfere with maximum cooling efficiency. When removing such accumulations, brush or hose them away carefully to avoid bending the cooling fans.

G140D01X-GAT

Checking the Compressor Drive Belt



When the air conditioning is being used regularly, the compressor drive belt tension should be checked at least once a month.

To check the drive belt tension, press down on the belt halfway between the engine crankshaft and compressor pulleys. Pressing with your finger, you should not be able to deflect this belt any more than 5 - 5.5 mm. If you have the instruments to check it with a force of 98N (22 lb.), the deflection should be approx. 5 - 5.5 (0.197 - 0.217 inches). If the belt is too loose, have it adjusted by your Hyundai dealer.

G140B01A-AAT

Checking the Air Conditioning Operation

1. Start the engine and let it run at a fast idle for several minutes with the air conditioning set at the maximum cold setting.
2. If the air coming out of the in-dash vents is not cold, have the air conditioning system inspected by your Hyundai dealer.

CAUTION:

Running the air conditioning system for extended periods of time with a low refrigerant level may damage the compressor.

DO-IT-YOURSELF MAINTENANCE

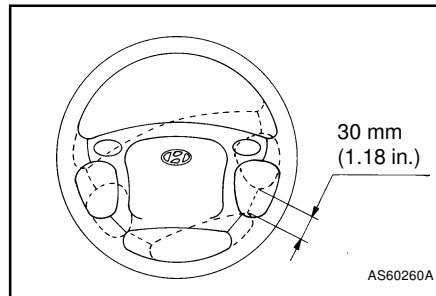
G140C01A-AAT

Lubrication

To lubricate the compressor and the seals in the system, the air conditioning should be run for at least 10 minutes each week. This is particularly important during cool weather when the air conditioning system is not otherwise in use.

G150A01A-GAT

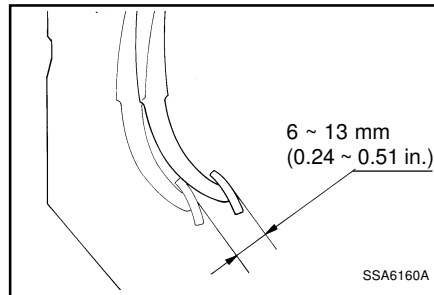
CHECKING STEERING WHEEL FREEPLAY



To check the steering wheel freeplay, stop the car with the wheels pointed straight ahead and gently move the steering wheel back and forth. Use very light finger pressure and be sensitive to changes in resistance that mark the limits of the freeplay. If the freeplay is greater than specified, have it inspected by your Hyundai dealer and adjusted or repaired if necessary.

G160A01A-GAT

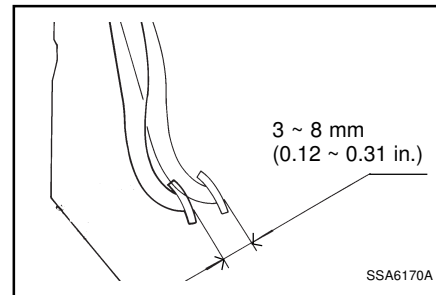
CHECKING CLUTCH PEDAL FREEPLAY



With the engine off, press lightly on the clutch pedal until you feel a change in resistance. This is the clutch pedal freeplay. The freeplay should be within the limits specified in the illustration. If it is not, have it inspected by your Hyundai dealer and adjusted or repaired if necessary.

G170A01A-GAT

CHECKING BRAKE PEDAL FREEPLAY



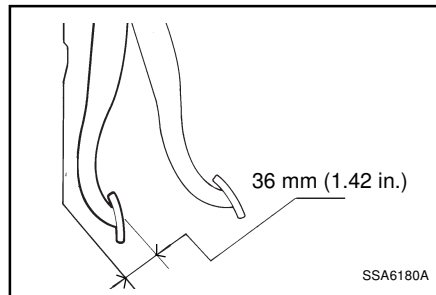
With the engine off, press down on the brake pedal several times to reduce the vacuum in the brake booster.

Then, using your hand, press down slowly on the brake pedal until you feel a change in resistance. This is the brake pedal freeplay. The freeplay should be within the limits specified in the illustration. If it is not, have it inspected by your Hyundai dealer and adjusted or repaired if necessary.

DO-IT-YOURSELF MAINTENANCE

G180A01A-GAT

CHECKING BRAKE PEDAL CLEARANCE

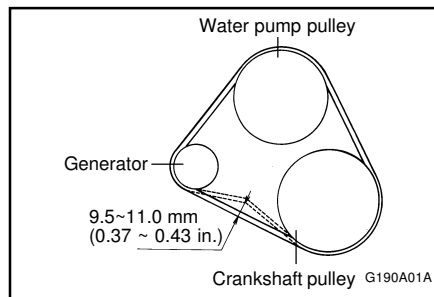


You need a helper to check the brake pedal clearance. With the engine running, have your helper press down on the brake pedal several times and then hold it down with a force of about 490N (50kg, 110lbs). The brake pedal clearance is the distance from the top surface of the brake pedal to the asphalt sheeting under the floor mat.

If the brake pedal clearance is not within the limits specified in the illustration, have it inspected by your Hyundai dealer and adjusted or repaired if necessary.

G190A01A-GAT

CHECKING DRIVE BELTS



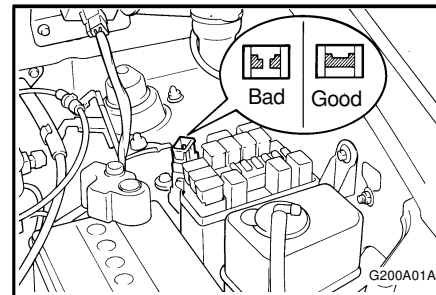
Drive belts should be checked periodically for proper tension and adjusted if necessary. At the same time, belts should be examined for cracks, wear, fraying or other evidence of deterioration and replaced if necessary.

Belt routing should also be checked to be sure there is no interference between the belts and other parts of the engine. After a belt is replaced, the new belt should be adjusted again after two or three weeks to eliminate slack resulting from initial stretching after use.

G200A01A-AAT

CHECKING AND REPLACING FUSES

Replacing a Fusible Link



A fusible link will melt if the electrical circuits from the battery are ever overloaded, thus preventing damage to the entire wiring harness. (This could be caused by a short in the system drawing too much current.) If this ever happens, have a Hyundai dealer determine the cause, repair the system and replace the fusible link. The fusible links are located in a relay box for easy inspection.

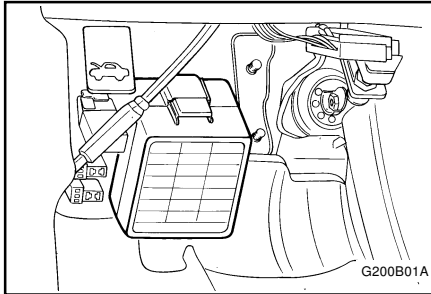
CAUTION:

When replacing a fusible link, never use anything but a new fusible link with the same or lower amperage rating. Never use a piece of wire or a higher-rated fusible link. This could result in serious damage and create a fire hazard.

DO-IT-YOURSELF MAINTENANCE

G200B01A-AAT

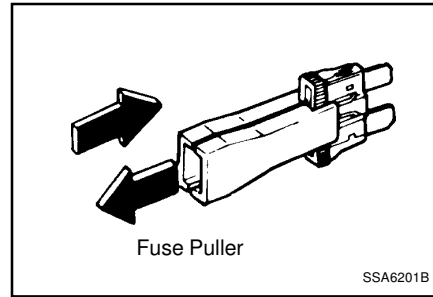
Replacing Accessory Fuse



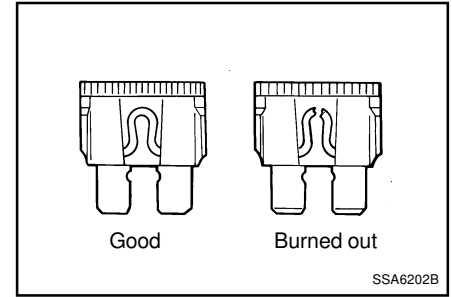
The fuse box for the lights and other electrical accessories will be found low on the dashboard on the driver's side. Inside the box you will find a list showing the circuits protected by each fuse.

If any of your car's lights or other electrical accessories stop working, a blown fuse could be the reason. If the fuse has burned out, you will see that the metal strip inside the fuse has burned through. If you suspect a blown fuse, follow this procedure:

1. Turn off the ignition and all other switches.
2. Open the fuse box and examine each fuse. Remove each fuse by pulling it toward you (a small "fuse puller" tool is contained in the fuse box to simplify this operation).
3. Be sure to check all other fuses even if you find one that appears to have burned out.



4. Replace the blown fuse by pressing a new fuse of the same rating into place. The fuse should be a snug fit. If it is not, have the fuse clip repaired or replaced by a Hyundai dealer. If you do not have a spare fuse, you may be able to borrow a fuse of the same or lower rating from an accessory you can temporarily get along without (the radio or cigarette lighter, for example). Always remember to replace the borrowed fuse.



CAUTION:

A burned-out fuse indicates that there is a problem in the electrical circuit. If you replace a fuse and it blows as soon as the accessory is turned on, the problem is serious and should be referred to a Hyundai dealer for diagnosis and repair. Never replace a fuse with anything except a fuse with the same or a lower amperage rating. A higher capacity fuse could cause damage and create a fire hazard.

G210A01A-AAT

CHECKING THE BATTERY

WARNING:

Batteries can be dangerous!

When working with batteries, carefully observe the following precautions to avoid serious injuries.

DO-IT-YOURSELF MAINTENANCE

The fluid in the battery contains a strong solution of sulfuric acid, which is poisonous and highly corrosive. Be careful not to spill it on yourself or the car. If you do spill battery fluid on yourself, immediately do the following:

- o If battery fluid is on your skin, flush the affected areas with water for at least 15 minutes and then seek medical assistance.
- o If battery fluid is in your eyes, rinse out your eyes with water and get medical assistance as soon as possible. While you are being driven to get medical assistance, continue to rinse your eyes by using a sponge or soft cloth saturated with water.
- o If you swallow battery fluid, drink a large quantity of water or milk followed by milk of magnesia, eat a raw egg or drink vegetable oil. Get medical assistance as soon as possible.

While batteries are being charged (either by a battery charger or by the vehicle's alternator), they produce explosive gases. Always observe these warnings to prevent injuries from occurring:

- o Charge batteries only in a well ventilated area.
- o Do not permit flames, sparks or smoking in the area.
- o Keep children away from the area.

G210B01A-AAT

Checking the Battery

Keep the battery clean. Any evidence of corrosion around the battery posts or terminals should be removed using a solution of household baking soda and warm water. After the battery terminals are dry, cover them with a light coating of grease.

G220A01A-AAT

CHECKING ELECTRIC COOLING FANS

WARNING:

The radiator fan is controlled by engine coolant temperature and may sometimes operate even when the engine is not running. Use extreme caution when working near the blades of the cooling fan, so that you are not injured by a rotating fan blade. As the coolant temperature decreases the fan will automatically shut off. This is a normal condition.

G220B01A-AAT

Checking Engine Cooling Fan

The engine cooling fan should come on automatically if the engine coolant temperature is high.

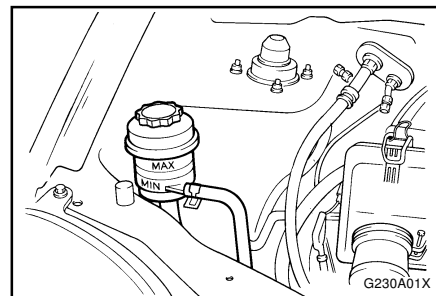
G220C01A-AAT

Checking Condenser Cooling Fan

The condenser cooling fan should come on automatically whenever the air conditioning is in operation.

G230A03A-GAT

POWER STEERING FLUID LEVEL



The power steering fluid level should be checked regularly.

To check the power steering fluid level, be sure the ignition is "OFF", then check to make certain that the power steering fluid level is between the "MAX" and "MIN" level markings on the fluid reservoir.

NOTE:

Grinding noise from the power steering pump may be heard immediately after the engine is started in extremely cold conditions (below -20°C). If the noise stops during warm up, there is no abnormal function in the system. This is due to a power steering fluid characteristic in extremely cold conditions.

DO-IT-YOURSELF MAINTENANCE

Recommended Fluid

Use PSF-3 type fluid.

NOTE:

Do not start the engine when the power steering oil reservoir is empty.

G240A01A-AAT

POWER STEERING HOSES

It is suggested that you check the power steering hose connections for fluid leakage at those intervals specified in the vehicle maintenance schedule in Section 5.

The power steering hoses should be replaced if there is severe surface cracking, pulling, scuffing or worn spots. Deterioration of the hose could cause premature failure.

G260A03A-AAT

REPLACING HEADLIGHT BULBS

Before attempting to replace a headlight bulb, be sure the switch is turned to the "OFF" position.

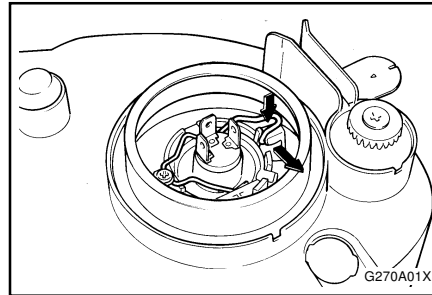
The next paragraph shows how to reach headlight bulbs so they may be changed. Be sure to replace the burned-out bulb with one of the same number and wattage rating.

CAUTION:

Keep the lamps out of contact with petroleum product, such as oil, gasoline, etc.

G270A02X-GAT

HEADLIGHT BULB



Replacement instructions:

1. Allow the bulb to cool. Wear eye protection.
2. Always grasp the bulb by its base, avoid touching the glass.
3. Disconnect the connector, then remove the dust cover.
4. Push the bulb spring for removing the headlight bulb.
5. Remove the headlight bulb. If the bulb is burned out, replace it with the same wattage.
6. Installation is the reverse order of the removal.
7. Use the protective cap and carton to promptly dispose of the old bulb.
8. Check for proper headlight aim.

WARNING:

The halogen bulb contains gas under pressure and if impacted could shatter, and resulting in flying fragments. Always wear eye protection when servicing the bulb. Protect the bulb against abrasions or scratches and against liquids when lighted. Turn the bulb on only when installed in a headlight. Replace the headlight if damaged or cracked. Keep the bulb out of the reach of children and dispose of the used bulb with care.

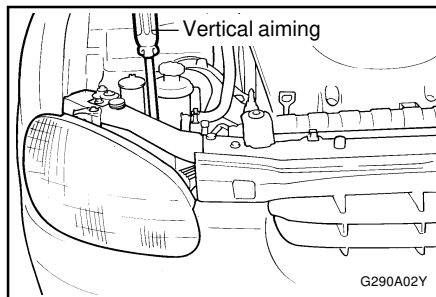
G290A02X-GAT

HEADLIGHT AIMING ADJUSTMENT

Before performing aiming adjustment, make sure of the following.

1. Keep all tires inflated to the correct pressure.
2. Place the vehicle on level ground and press the front bumper & rear bumper down several times. Place the vehicle at a distance of 3,000 mm (118 in.) from the test wall.
3. See that the vehicle is unloaded (except for full levels of coolant, engine oil and fuel, and spare tire, jack, and tools). Have the driver or equivalent weight placed in driver's seat.

DO-IT-YOURSELF MAINTENANCE



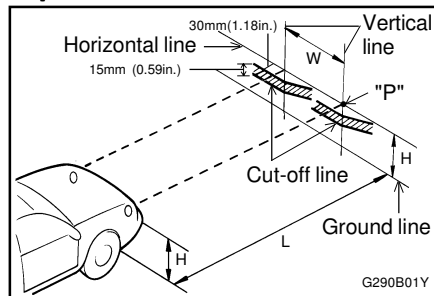
4. Clean the head light lenses and turn on the headlights (Low beam).
5. Open the hood.
6. Draw the vertical line (through the center of each headlight beam pattern) and the horizontal line (through the center of each headlight beam pattern) on the aiming screen.

And then, draw the horizontal parallel line at 30 mm (1.18 in.) under the horizontal line.

7. Adjust each cut-off line of the low beam to the parallel line with a phillips screwdriver - VERTICAL AIMING.
8. Adjust each cut-off line of the low beam to the each vertical line with a phillips screwdriver - HORIZONTAL AIMING.

G290B02X-GAT

Adjustment After Headlight Assembly Replacement



If the vehicle has had front body repair and the headlight assembly has been replaced, the headlight aiming should be checked using the aiming screen as shown in the illustration. Turn on the headlight switch. (Low Beam Position)

1. Adjust headlights so that main axis of light is parallel to center line of the body and is aligned with point "P" shown in the illustration.
2. Dotted lines in the illustration show the center of headlights.

SPECIFICATIONS:

"H"

Horizontal center line of headlights from ground : 646 mm (25.43 in.)

"W"

Distance between each headlight center: 988 mm (38.89 in.)

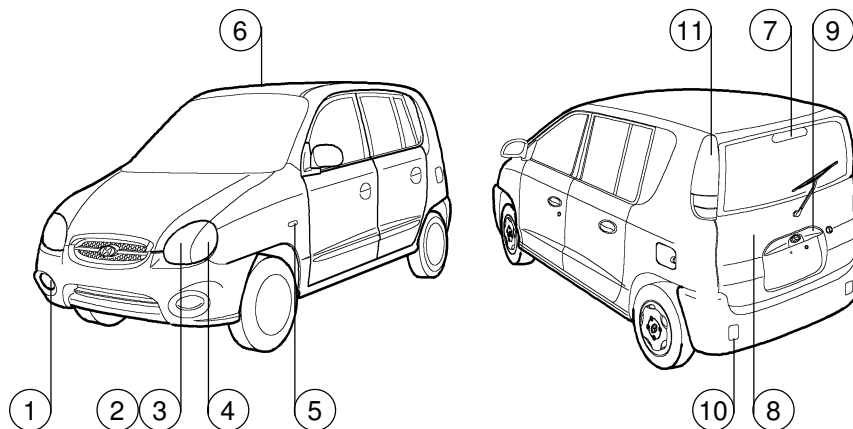
"L"

Distance between the headlights and the wall that the lights are tested against: 3,000 mm (118 in.).

DO-IT-YOURSELF MAINTENANCE

G280A01X-GAT

(ATOS)

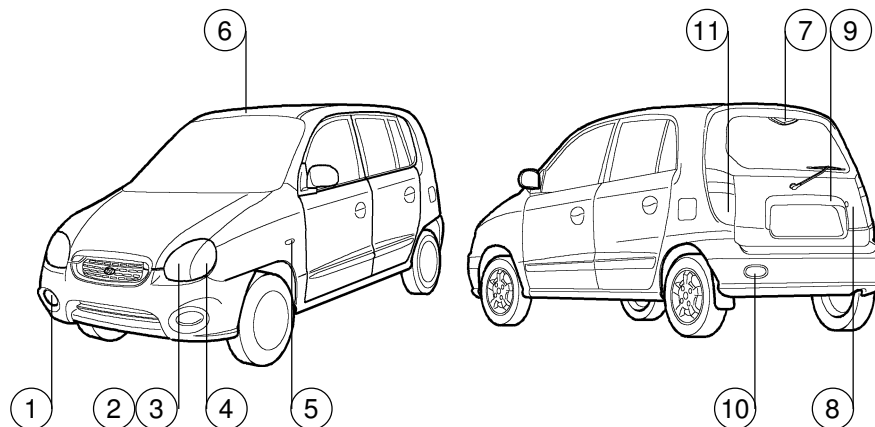


G280A02X

No.	Part Name	Wattage	No.	Part Name	Wattage
1	Front Fog Light	55	8	Luggage Compartment Light	5
2	Headlight	60/55	9	License Plate Light	5
3	Front Position Light	5	10	Rear Fog Light	21
4	Front Turn Signal Light	21	11	Rear Combination Light	21 21/5 21
5	Side-Repeater Light (If installed)	5		Turn Signal Light	
6	Interior Light	8		Stop/Tail Light	
7	High Mounted Rear Stop Light (If Installed)	21		Back-up Light	

DO-IT-YOURSELF MAINTENANCE

G280A02V-GAT
(ATOS PRIME)



G280A03V

No.	Part Name	Wattage	No.	Part Name	Wattage
1	Front Fog Light	55	8	Luggage Compartment Light	5
2	Headlight	60/55	9	License Plate Light	5
3	Front Position Light	5	10	Rear Fog Light	21
4	Front Turn Signal Light	21	11	Rear Combination Light	21 21/5 21
5	Side-Repeater Light (If installed)	5		Turn Signal Light	
6	Interior Light	8		Stop/Tail Light	
7	High Mounted Rear Stop Light (If Installed)	2.6		Back-up Light	

7. EMISSION CONTROL SYSTEMS

H010A01A-GAT

EMISSION CONTROL SYSTEM (If Installed)

Your Hyundai is equipped with an emission control system to meet all requirements of the Emission prohibition rules of your province. There are three emission control systems which are as follows.

- 1) Crankcase emission control system
- 2) Evaporative emission control system
- 3) Exhaust emission control system

In order to 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.

H010B01A-GAT

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 and into the induction system.

H010C02A-GAT

2. Evaporative Emission Control System (If Installed)

The Evaporative Emission Control System is designed to prevent fuel vapors from escaping into the atmosphere.

Canister

While the engine is inoperative, fuel vapors generated inside the fuel tank are absorbed and stored in the onboard canister. When the engine is running, the fuel vapors absorbed in the canister are drawn into the induction system through the purge control solenoid valve.

Purge Control Solenoid Valve

The purge control solenoid valve is controlled by the ECM; when the engine coolant temperature is low, and during idling, it closes, so that evaporated fuel is not taken into the engine. After engine warm-up, during ordinary driving, it opens so as to introduce evaporated fuel to the engine.

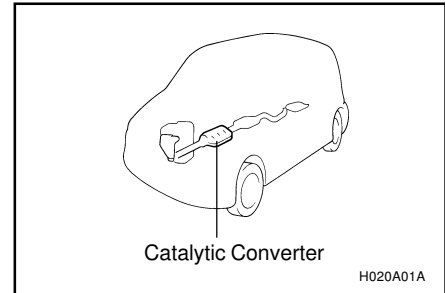
H010D01A-AAT

3. Exhaust Emission Control System

The exhaust emission control system is a highly effective system which controls exhaust emission while maintaining good vehicle performance.

H020A01A-GAT

CATALYTIC CONVERTER (If Installed)



The catalytic converter is part of the exhaust emission control system. Its purpose is to remove certain engine emission products from the engine's exhaust. It looks something like a muffler and is located underneath the car in the exhaust system.

H020B01A-GAT

About the Catalytic Converter

Exhaust gases passing through the catalytic converter cause it to operate at very high temperatures. As a result, the introduction of large amounts of unburned gasoline may cause it to overheat and create a fire hazard.

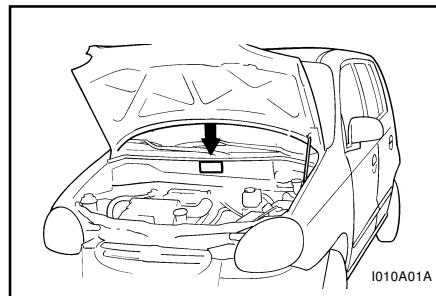
This can be avoided by observing the following:

- o Use unleaded fuel only.
 - o Maintain your engine in good condition. Extremely high converter temperatures can result from improper operation of the electrical, ignition or fuel injection systems.
 - o If your engine stalls, pings, knocks, or is hard to start, take your car to your Hyundai dealer as soon as possible and have the difficulty corrected.
 - o 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.
 - o Avoid idling the engine for periods longer than 10 minutes.
 - o Your Hyundai should not be either pushed or pulled to get it started.
This can cause the catalytic converter to overload.
 - o Take care not to stop your Hyundai over any combustible material such as grass, paper, leaves or rags. As these materials could come in contact with the catalytic converter and could cause a fire.
- o Do not touch the catalytic converter or any other part of the exhaust system while the engine is running as it is very hot and could result in burns.
 - o Remember that your Hyundai dealer is your best source of assistance.

8. CONSUMER INFORMATION

I010A01A-GAT

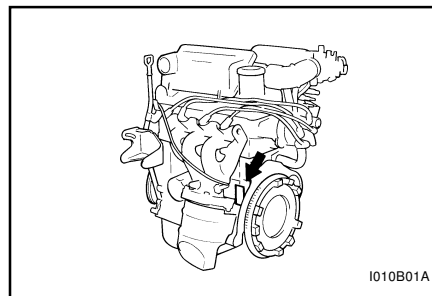
VEHICLE IDENTIFICATION NUMBER (VIN)



The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc. It can be found on the identification plate attached to the engine side of the firewall between the engine and passenger compartment.

I010B01A-AAT

Engine Number



The engine number is stamped on the engine block as shown in the drawing.

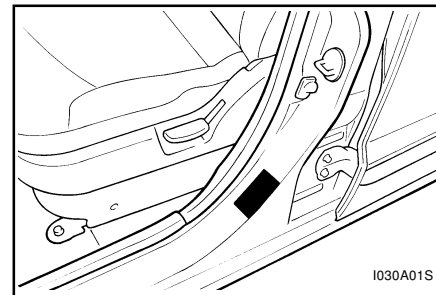
I020A01A-AAT

TIRE INFORMATION

The tires supplied on your new Hyundai are chosen to provide the best performance for normal driving.

I030A01X-GAT

RECOMMENDED INFLATION PRESSURES



The tire label located on the driver side center pillar outer panel gives the tire pressures recommended for your vehicle.

RIM SIZE	TIRE SIZE	PRESSURE. kPa (PSI)			
		UP TO 2 PERSONS		UP TO MAX. LOAD	
		FRONT	REAR	FRONT	REAR
4.0BX13	155/70R13	207(30)	207(30)	221(32)	221(32)
4.5JX13	155/70R13	207(30)	207(30)	221(32)	221(32)
5.0JX13	175/60R13	207(30)	207(30)	221(32)	221(32)

These pressures were chosen to provide the most satisfactory combination of ride comfort, tire wear and stability under normal conditions. Tire pressures should be checked at least monthly. Proper tire inflation pressures should be maintained for these reasons:

CONSUMER INFORMATION

- o Lower-than-recommended tire pressures cause uneven tread wear and poor handling.
- o Higher-than-recommended tire pressures increase the chance of damage from impacts and cause uneven tread wear.

CAUTION:

Always observe the following:

- o **Check pressures when the tires are cold. That is, after the car has been parked for at least three hours and hasn't been driven more than 1.6 km or one mile since starting up.**
- o **Check the pressure of your spare tire each time you check the pressure of other tires.**
- o **Never overload your car. Be especially careful about overloading if you equip your car with a luggage rack or car top carrier.**

I040A01A-GAT

SNOW TIRES

If you equip your car with snow tires, they should be the same size and have the same load capacity as the original tires. Snow tires should be installed on all four wheels; otherwise, poor handling may result.

Snow tires should carry 28 kPa (4 psi) more air pressure than the pressure recommended for the standard tires on the tire label on the driver side center pillar outer panel, or up to the maximum pressure shown on the tire sidewall whichever is less.

Do not drive faster than the speed limit when your car is equipped with snow tires.

I050A01X-GAT

TIRE CHAINS

Tire chains, if necessary, should be installed on the front wheels. Be sure that the chains are the proper size and that they are installed in accordance with the manufacturer's instructions.

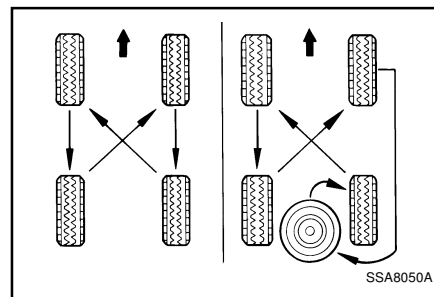
To minimize tire and chain wear, do not continue to use tire chains when they are no longer needed.

WARNING:

When driving on roads covered with snow or ice, drive at less than 30 km/h (20 mph).

I060A01A-GAT

TIRE ROTATION



Tires should be rotated every 10,000 km (6,000 miles). If you notice that tires are wearing unevenly between rotations, have the car checked by a Hyundai dealer so the cause may be corrected.

After rotating, adjust the tire pressures and be sure to check wheel nut tightness.

WARNING:

Do not mix bias-ply and radial-ply tires under any circumstances. This may cause dangerous handling characteristics.

CONSUMER INFORMATION

I070A01A-AAT

TIRE BALANCING

A tire that is out of balance may affect handling and tire wear. The tires on your Hyundai were balanced before the car was delivered but may need balancing again during the years you own the car.

Whenever a tire is dismounted for repair, it should be rebalanced before being reinstalled on the car.

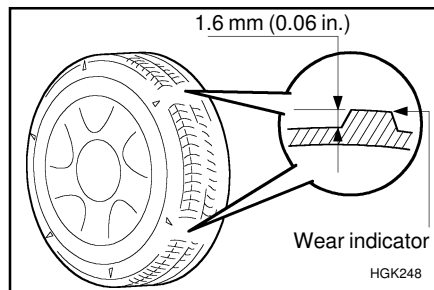
I080A01A-AAT

TIRE TRACTION

Tire traction can be reduced if you drive on worn tires, tires that are improperly inflated or on slippery road surfaces. Tires should be replaced when tread wear indicators appear. To reduce the possibility of losing control, slow down whenever there is rain, snow or ice on the road.

I090A01S-GAT

WHEN TO REPLACE TIRES



WARNING:

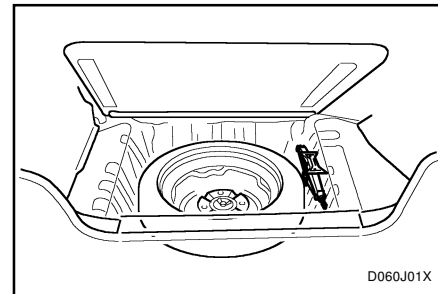
- o **Driving on worn-out tires is dangerous! Worn-out tires can cause loss of braking effectiveness, steering control and traction. When replacing tires, never mix radial and bias-ply tires on the same car. If you replace radial tires with bias-ply tires, they must be installed in sets of four.**
- o **Using tires and wheels of other than the recommended sizes may cause unusual handling characteristics that may cause death, serious injury or property damage.**

The original tires on your car have tread wear indicators. The tread wear indicators appear when the tread depth is 1.6 mm (0.06 in.). The tire should be replaced when these appear as a solid bar across two or more grooves of the

tread. Always replace your tires with those of the recommended size. If you change wheels, the new wheel's rim width and offset must meet Hyundai specification.

I100A01FC-GAT

SPARE TIRE AND TOOLS



Your Hyundai is delivered with the following:

Spare tire and wheel
Wheel nut wrench, Wrench bar, Spanner,
Screwdriver
Jack

VEHICLE SPECIFICATIONS

9. VEHICLE SPECIFICATIONS

J010A02X-GAT

MEASUREMENT

mm (in.)

Overall length		3495 (137.6)
Overall width		1495 (58.9)
Overall height (unladen)	ATOS	1615 (63.6)
	ATOS PRIME	1580 (62.2)
Wheel base		2380 (93.7)
Wheel tread	Front	1315 (51.8)
	Rear	1300 (51.2)

J020A01X-GAT

POWER STEERING

Type	Rack and pinion
Wheel free play	0 ~ 30 mm (0 ~ 1.18 in.)
Rack stroke	136 mm
Oil pump type	Vane type

J060A01X-GAT

FUEL SYSTEM

Fuel tank capacity	Liter	US.gal	Imp.gal
	35	9.3	7.7

J030A03X-GAT

TIRE

Standard	155 / 70 R13
Option	175 / 60 R13
Spare	Full Size

J040A02X-GAT

ELECTRICAL

Battery	MF 12V 40AH
Generator	13.5V 70A
Starting motor	0.8 KW

J050A02X-GAT

BRAKE

Type	Dual hydraulic with brake booster
Front brake type	Ventilated disc type
Rear brake type	Drum type
Parking brake	Cable operated on rear wheel

VEHICLE SPECIFICATIONS

J070A01X-GAT

ENGINE

ITEMS	Specifications
	1.0 MFI
Engine type	4-Cylinder in-line SOHC
Idle Speed (RPM)	900 \pm 100
Ignition Timing (Base)	BTDC 5° \pm 2°
Firing order	1 - 3 - 4 - 2

J090A01X-GAT

SPARK PLUG

ITEMS	UNLEADED	LEADED
Spark plug	NGK : BKR5ES-11 CHAMPION : RC9YC4, RC10YC4	NGK : BKR5ES CHAMPION : RC9YC, RC10YC
Spark plug gap	1.0 - 1.1 mm (0.039 - 0.043 in.)	0.8 - 0.9 mm (0.031 - 0.035 in.)

VEHICLE SPECIFICATIONS

J080A03X-GAT

LUBRICATION CHART

Item		Oil & Coolant Standard	Q'ty (liter)	
Engine Oil		API SG	3.1 (3.26 US-qts, 2.72 Imp-qts)	
		OR ABOVE		SAE 20W-40, 20W-50 (ABOVE -10°C)
				SAE 15W-40, 15W-50 (ABOVE -15°C)
				SAE 10W-30 (-25°C ~ 40°C)
				SAE 10W-40, 10W-50 (ABOVE -25°C)
				SAE 5W-20 *1, *2 (BELOW -10°C)
				SAE 5W-30 *1 (BELOW 10°C)
				SAE 5W-40 *1 (BELOW 20°C)
		*1. Restricted by driving condition and dealing area		
*2. Not recommended for sustained high speed vehicle operation				
Engine oil consumption		Normal driving condition	MAX. 1L / 1500 Km	
		Severe driving condition	MAX. 1L / 1000 Km	
Transaxle	Manual	HYUNDAI GENUINE PARTS MTF 75W/90 (API GL-4)	2.45 (2.58 us-qts, 2.15 Imp-qts)	
	Auto	ESSO JWS3314	5.2 (5.48 us-qts, 4.56 Imp-qts)	
Power steering		PSF-3	As required	
Brake fluid		DOT 3, DOT 4 or equivalent	As required	
Engine coolant		Ethylene glycol base for aluminum radiator	4.5 (4.74 us-qts, 3.95 Imp-qts)	

ZK000A1-G

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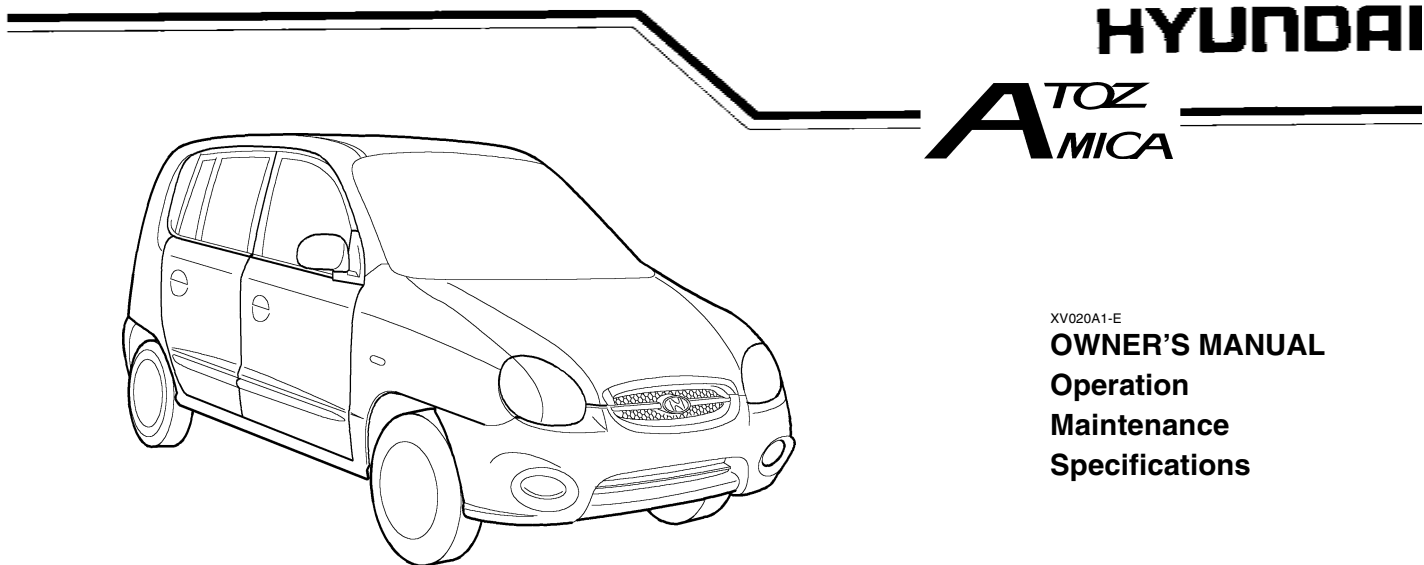
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A000A01A-GAT

This Owners Manual should be considered as a part of the car and remain with it when it is sold for the use of the next owner.

OWNER I.D.	
ORIGINAL:	NAME: _____
ADDRESS:	STREET: _____
	TOWN: _____
	COUNTRY: _____
	P.CODE: _____
DATE OF SALE:	_____
SUBSEQUENT:	NAME: _____
ADDRESS:	STREET: _____
	TOWN: _____
	COUNTRY: _____
	P.CODE: _____
TRANSFER DATE:	_____



XV020A1-E

OWNER'S MANUAL

Operation

Maintenance

Specifications

A030A02X

The information in this Owner's Manual is current at the time of publication. However, the right to amend specifications without notice or obligation to incorporate such amendments into vehicles already produced is reserved.

This manual applies to all markets and includes descriptions and explanations of optional as well as standard equipment. As a result, some of the equipment operating descriptions referred to may not apply to the particular vehicle with which this manual is supplied.

Please refer to the nearest franchised Hyundai dealer for information regarding current standard and optional equipment levels.

Responsibility For Maintenance

It is the responsibility of the vehicle owner/driver to ensure that all routine maintenance services are undertaken in line with the recommendations specified in Section 5 of this manual. In addition, in order to ensure continued validity of the new vehicle warranty and safe operation of the vehicle, non scheduled maintenance/running repairs should be undertaken at the earliest available opportunity. Under severe operating conditions, more frequent maintenance is required. Details of the maintenance schedule for such conditions are also given in section 5.

It is recommended that all maintenance operations and repairs are entrusted to a franchised Hyundai dealer to ensure that the latest repair methods, specialized tooling and genuine Hyundai parts are used to ensure the continued reliability and safety of the vehicle.

FOREWORD

Hyundai Motor Company wish to take this opportunity to thank you for purchasing a Hyundai product and to welcome you to the ever increasing number of discriminating motorists who drive Hyundai vehicles. The advanced engineering and construction methods employed during both design and production of the Hyundai marque are something of which we are proud, and this commitment to providing a high quality product is supported by a comprehensive after sales and warranty service of which we are equally proud.

This owners manual will introduce the operating and maintenance requirements for the vehicle and it is recommended that it is carefully read to ensure that the maximum performance and durability along with safe and satisfactory operation are obtained. The recommended routine maintenance servicing along with any running repairs that may be required should be entrusted to a franchised Hyundai dealer to ensure that only the latest methods and genuine Hyundai replacement parts are used for the continued reliability, safety and performance of the vehicle.

Should any question or query exist regarding any aspect of your Hyundai please contact the nearest Hyundai dealer who will be only too pleased to assist wherever possible.

Note: This owners manual should be considered as part of the vehicle and should be kept in the vehicle at all times for ease of reference.

In the event of the vehicle being sold please ensure that this manual is left in the vehicle for the reference of the new owner.

CAUTION: Severe engine and transaxle damage may result from the use of poor quality fuels and lubricants that do not meet Hyundai specifications. You must always use high quality fuels and lubricants that meet the specifications listed on Page 9-3 in the Vehicle Specifications section of the Owner's Manual.

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A070A01A-EAT

CAUTION: MODIFICATIONS TO YOUR HYUNDAI

Modification of components may void the manufacturer's warranty

Your Hyundai should not be modified in any way. Modifications may adversely affect the safety, durability and performance of your Hyundai. Components which are subjected to modification or are added to the vehicle resulting in consequential damage are not covered by the vehicle manufacturers warranty.

A080A01A-EAT

TWO WAY RADIO INSTALLATION

This vehicle is fitted with electronically controlled fuel injection or other micro processor controlled equipment.

It is possible for incorrectly installed two way radio equipment including mobile telephones to adversely affect these systems.

Before radio equipment of this kind is installed, please contact your Hyundai dealer for recommendation regarding the suitability of the particular radio equipment concerned and the recommended method of installation and equipment location. Incorrectly installed or unsuitable equipment which gives rise to incorrect functioning of or damage to electronic vehicle components will not fall within the scope of the vehicle manufacturers warranty.

SAFETY AND VEHICLE DAMAGE WARNING

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

WARNING:

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

CAUTION:

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

NOTE:

This indicates that interesting or helpful information is being provided.

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A100A01L-EAT

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 original manufacturing requirements. Using imitation, counterfeit or used salvage parts is not covered under the

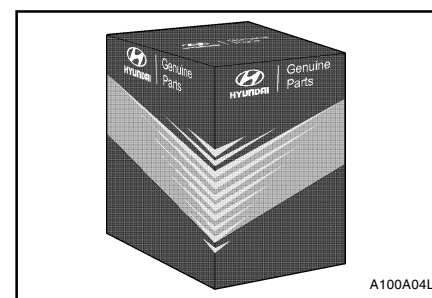
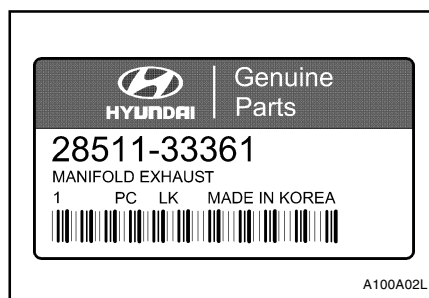
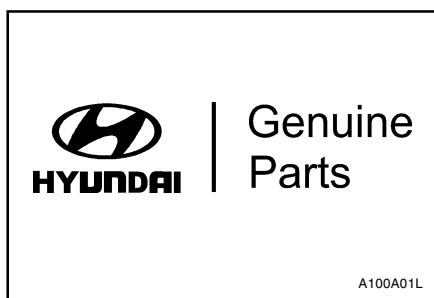
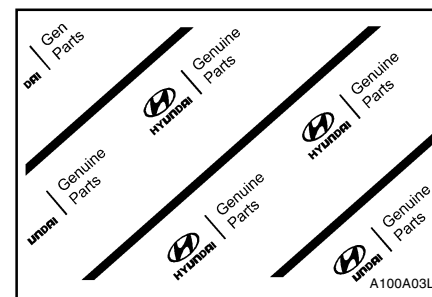
Hyundai New Vehicle Limited Warranty or any other Hyundai warranty. In addition, any damage to or failure of Genuine Hyundai Parts caused by the installation or failure of an imitation, counterfeit or used salvage part is not covered by Hyundai Motor Company.

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

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

The export specifications are written in English only.

Hyundai Genuine Parts are only sold through authorized Hyundai Dealerships.



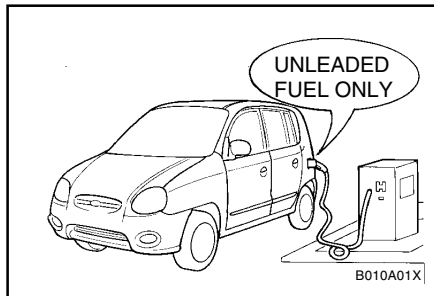
FEATURES OF YOUR HYUNDAI

ZB000A1-A

1. FEATURES OF YOUR HYUNDAI

B010A01X-EAT

FUEL RECOMMENDATIONS
THIS VEHICLE MUST ONLY BE OPERATED
WITH UNLEADED FUEL.
SERIOUS DAMAGE WILL RESULT FROM
THE USE OF LEADED FUEL.



Unleaded fuel with a Research Octane Number (RON) of 91 or higher must be used in this vehicle.

To prevent accidental charging of the fuel tank with leaded fuel, a small diameter filler neck along with a restrictor flap are fitted to ensure that only unleaded fuel pump nozzles may enter the filler neck. However, care must be exer-

cised when charging the vehicle tank from jerry cans or by means of a funnel that the fuel being used is unleaded.

The use of leaded fuel in this vehicle will result in irreversible pollution of the catalyst element. Such pollution will prevent correct operation of the catalyst and give rise to increased operating temperatures leading to the catalyst element melting and restricting the exhaust flow along with an increase in exhaust emission levels.

CAUTION:

The vehicle warranty will not extend to damage arising from the use of incorrect fuels.

B010D01S-EAT

"Alternative fuels"

Fuels which contain methanol or ethanol must not be used.

B010F01A-EAT

Operation in Foreign Countries

Drivers of vehicles which are to be operated in foreign countries must satisfy themselves that:

- o The vehicle meets all local regulations with respect to insurance, specifications etc.,
- o The correct types and grades of fuel are available for satisfactory operation of the vehicle.

B020A01X-EAT

RUNNING IN

The longevity and performance of the vehicle are greatly affected by the care exercised during the first 1000 miles of motoring. Because of modern manufacturing techniques, rigid guidelines regarding maximum road speeds have become unnecessary. However, certain precautions should be observed in order to obtain the best possible performance and useful life from the vehicle.

- 1) Do not race the engine without a load (i.e revving the engine in neutral).
- 2) During the first 500 miles the maximum engine speed should be restricted to 3000 rpm and gradually increased thereafter.
- 3) Avoid prolonged constant speed operation. The internal components of the engine will become more quickly run in if the operation speed is varied during the running in period.
- 4) Never allow the engine to labour. Use the gearbox freely and avoid large throttle openings when the engine speed is below 1500 rpm.
- 5) Avoid rapid acceleration and maximum throttle openings.
- 6) Avoid harsh braking during the first 100 miles of urban motoring or 1000 miles of motorway driving to allow the friction facings of the brake pads and shoes to bed against the discs and drums properly.

FEATURES OF YOUR HYUNDAI

B010E01A-AAT

GASOLINES FOR CLEANER AIR

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

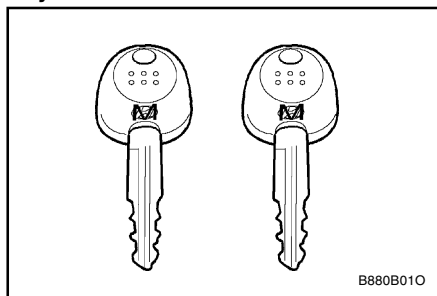
B880A01A-EAT

IMMOBILIZER SYSTEM

The immobilizer system is an anti-theft device, designed to prevent and deter automobile theft.

B880B03A-GAT

Keys



All of the locks fitted to the vehicle are operated by the same key. However, since it is possible to lock the doors without the use of the key, care should be exercised to ensure that the key does not become locked inside the vehicle by mistake.

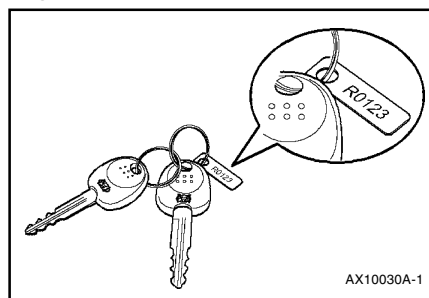
1-2

NOTE:

If you make your own duplicate key, you will not be able to cancel the system or start the engine.

B880C02A-GAT

Key Numbers



The vehicle key number is recorded upon a metal tag attached to the keys when the vehicle is first delivered to you.

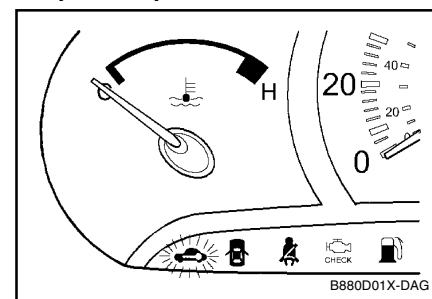
The key number should be recorded and kept in a safe place in case the need to order further keys arises. New keys are available from any Hyundai dealer by quoting the relevant key number.

In the interest of security, the metal tag attached to the keys which bears the key number should be removed from the key ring after you receive your new vehicle. In addition, key numbers cannot be provided by Hyundai for security reasons.

If you need additional keys or if you should lose your keys, your authorized Hyundai dealer can make new keys.

B880D02A-GAT

Limp home procedures



In case the immobilizer warning indicator blinks for five seconds when the ignition key is turned to "ON" position, this indicates that the immobilizer system is out of order. And you cannot start the engine without the limp home procedures with ignition key.

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

NOTE:

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

FEATURES OF YOUR HYUNDAI

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

NOTE:

If the engine dies while driving after limp home procedure, you can start your engine within 8 seconds without limp home procedure again.

5. If the immobilizer indicator blinks for five seconds, you have to try the limp home procedure again from the beginning.

After doing the limp home procedure, you have to consult with your authorized Hyundai dealer as soon as possible.

CAUTION:

- o If you fail to try the limp home procedure with the sequence of three times, you have to wait for about one hour to do the limp home procedure again.
- o If you cannot start your engine in spite of limp home procedure, have your vehicle towed by an authorized Hyundai dealer.

SB040A1-F

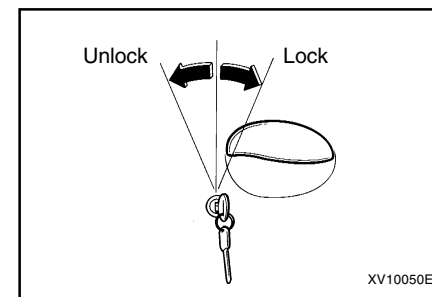
DOOR LOCKS

WARNING:

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

SB040B1-F

Locking, unlocking front doors with key

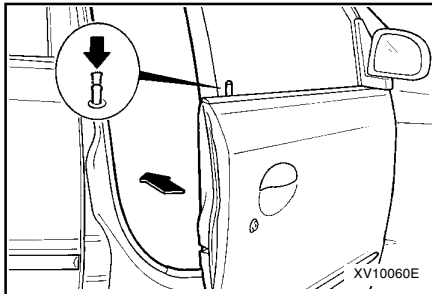


- o The door can be locked or unlocked with a key.
- o Lock the door by turning the key toward the front of the vehicle and unlock it by turning the key toward the rear.

FEATURES OF YOUR HYUNDAI

B040C01A-EAT

Locking from the Outside



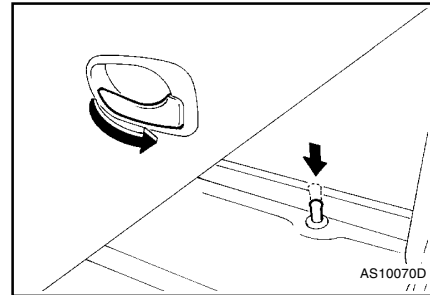
The doors can be locked without a key. First push the lock button down, then close the door.

NOTE:

- o When locking the door this way, be careful not to lock the door with the ignition key left in the vehicle.
- o For protects against theft, always remove the ignition key, close all windows, and lock all doors when leaving your vehicle unattended.

B040P01X-EAT

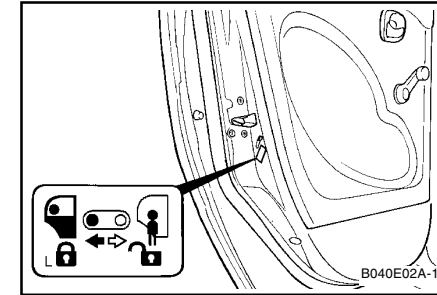
Locking from Inside



To lock your Hyundai from inside, simply close the door and push the lock button down. When this is done, the door cannot be opened using either the inside or the outside door handle. To unlock your Hyundai from inside, pull up the lock button and then pull the inside door handle. Before opening the door, always look for and avoid on coming traffic.

B040E02A-AAT

Child-Protector Rear Door Lock



Your Hyundai is equipped with a "child-protector" rear door lock assembly. When the lock mechanism is engaged, the rear door cannot be opened from the inside. Its use is recommended whenever there are small children in the rear seat.

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

If you wish to be able to open the door from the outside, pull the outside door handle to its up position.

FEATURES OF YOUR HYUNDAI

B080A01A-AAT

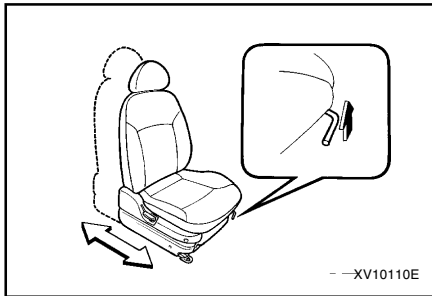
ADJUSTABLE FRONT SEATS

WARNING:

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.

B080B01A-AAT

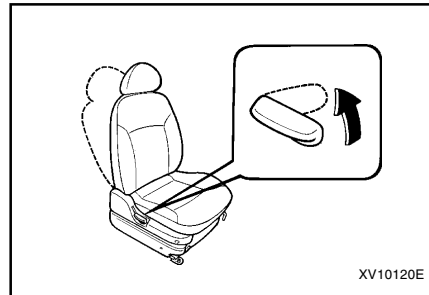
Adjusting Seat Forward and Rearward



To move the seat toward the front or rear, pull the lock release lever upward. This releases the seat on its track so you can move it forward or rearward to the desired position. When you find the position you want, release the lever and slide the seat forward or rearward on its track until it locks into position and cannot be moved further.

B080C01A-AAT

Adjusting Seatback Angle



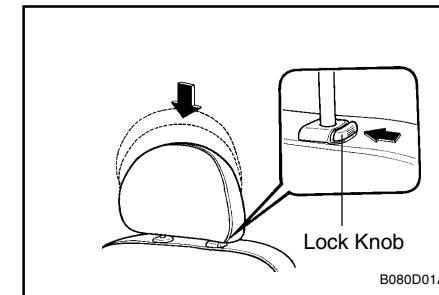
To recline the seatback, lean forward to take your weight off it, then pull up on the recliner control lever at the outside edge of the seat. Now lean back until the desired seatback angle is achieved. To lock the seatback into position, release the recliner control lever.

WARNING:

To minimize risk of personal injury in the event of a collision or sudden stop, both the driver and passenger seatbacks should always be in a nearly upright position while the vehicle is in motion. The protection provided by the seat belts and airbags may be reduced significantly when the seatback is reclined. There is greater risk that the driver and passenger will slide under the seat belt resulting in serious injury when the seatback is reclined.

B080D02A-AAT

Adjustable Headrest (Not all models)



Headrests are designed to help reduce the risk of neck injuries.

To raise the headrest, pull it up. To lower it, push it down while pressing the lock knob.

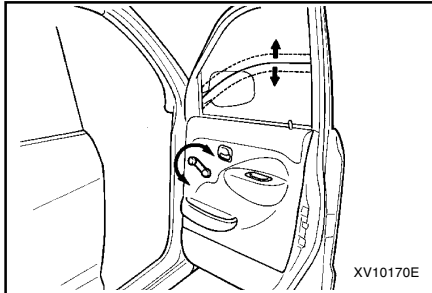
WARNING:

- o For maximum effectiveness in case of an accident the headrest should be adjusted so the top of the headrest is at the same height as the top of the occupant's ears. For this reason, the use of a cushion that holds the body away from the seatback is not recommended.
- o Do not operate vehicle with the headrest removed as severe injury to an occupant may occur in the event of an accident. Headrests may provide protection against neck injuries when properly adjusted.

FEATURES OF YOUR HYUNDAI

B050A01A-AAT

WINDOW GLASS



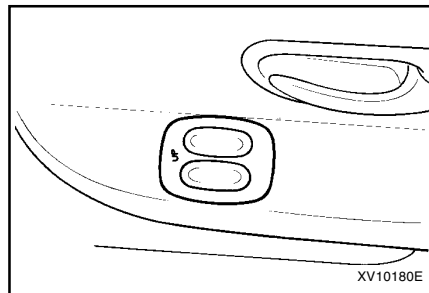
To raise or lower the window, turn the window regulator handle clockwise or counterclockwise.

WARNING:

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

B060A02X-GAT

POWER WINDOWS (Not all models)



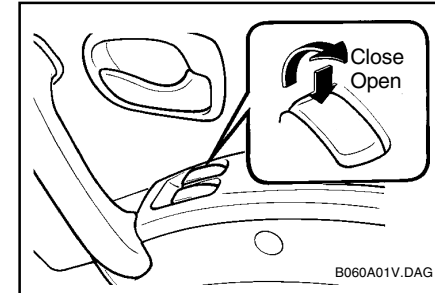
The power windows operate only when the ignition key is in the "ON" position. The main switches are located on the driver's arm rest and control the front windows. The windows may be operated by depressing the desired switch.

WARNING:

- o Be careful that head, hands and body are not trapped by a closing window.
- o If passengers remain in the car when you leave, especially if a child remains alone, always remove the ignition key for safety.

B060A01V-GAT

POWER WINDOWS (Not all models)



The power windows operate only when the ignition key is in the "ON" position. The main switches are located on the driver's arm rest and control the front windows.

The windows may be opened by depressing the appropriate window switch and closed by pulling up the switch.

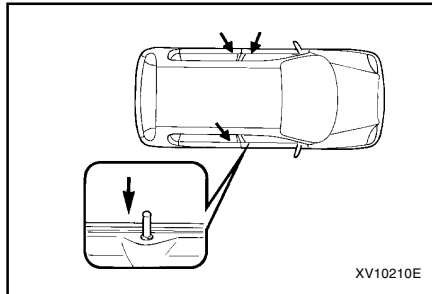
WARNING:

- o Be careful that head, hands and body are not trapped by a closing window.
- o If passengers remain in the car when you leave, especially if a child remains alone, always remove the ignition key for safety.

FEATURES OF YOUR HYUNDAI

B040G01A-GAT

CENTRAL DOOR LOCKING SYSTEM (Not all models)



This system is controlled by the driver's door lock and operates the passenger door lock. When the driver's door is locked, the passenger doors are locked automatically. If a rear door is open when the latch is depressed, it will remain locked when closed. If the front passenger door is open when the latch is locked, the outside door handle must be held in the raised position. When the door is closed, the door will remain locked. All doors will be unlocked automatically whenever the driver's door is unlocked whether by key or latch.

ZB090A1-E

SEAT BELT PRECAUTIONS

All vehicle occupants should wear seat belts at all times. The possibility of injury or the severity of injury in an accident be decreased if this

elementary safety precaution is observed. In addition, we would like to make the following recommendations.

ZB090C1-E

Children

It is recommended that children occupy the rear seat and wear their seat belts. If the child is in the front seat, it should be securely restrained by the seat belt. Under no circumstances should the child be allowed to stand or kneel on the seat.

ZB090D1-E

Pregnant Women

The use of a seat belt is recommended for pregnant women. The seat belt should be worn as low and snugly as possible across the hips, not across the abdomen. A qualified Medical Practitioner should be consulted for further information.

ZB090E1-A

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.

ZB090F1-A

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.

ZB090G1-B

Do Not Lie Down

For maximum effectiveness, all passengers should be sitting up and the front seats should be in an upright position. A seat belt cannot operate properly if the person is lying down in the rear seat or if the front seat is at or near the fully reclined position.

B160A01S-GAT

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.

ZB090I1-A

Periodic Inspection

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

ZB090J1-A

Keep Belts Clean and Dry

Seat belts should be kept clean and dry. If belts become dirty, they can be cleaned using a mild soap solution and warm water. Bleach, dye, strong detergents or abrasives should not be

FEATURES OF YOUR HYUNDAI

used because they may damage and weaken the fabric.

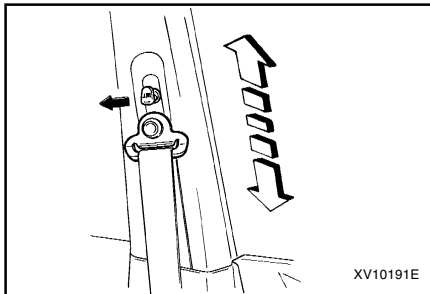
ZB090K1-A

When to Replace Seat Belts

The entire 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 your Hyundai Dealer.

B170A03X-GAT

HEIGHT ADJUSTABLE FRONT SEAT SHOULDER BELT (Not all models)



You can adjust the height of the front seat shoulder belt anchor to one of 4 positions. The shoulder belt should be adjusted so that it fits midway over the shoulder, and NEVER across the neck.

To adjust the height of the shoulder belt anchor, 1-8

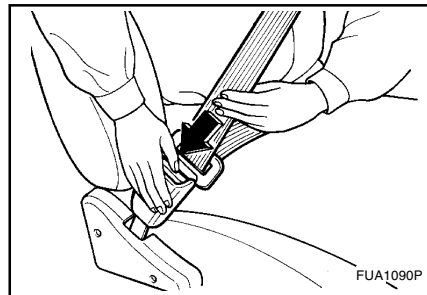
pull on the height adjuster knob and then lower or raise the height adjuster into an appropriate. To raise the height adjuster, pull it up. To lower it, push it down while pressing the height adjuster button. Release the knob to lock the anchor into position. Try to slide the anchor upward and downward after releasing the knob to make sure that it has locked into position.

WARNING:

- o The height adjuster must be in the locked position whenever the vehicle is moving.
- o The misadjustment of height of the shoulder belt could reduce the effectiveness of the seat belt in a crash.

ZB090T1-H

SEAT BELTS (3-Point Type) To Fasten Your Belt



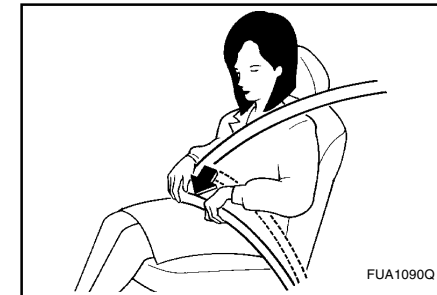
To fasten your seat belt, pull it out of the retractor and insert the metal tab into the buckle.

There will be an audible "click" when the tab locks into the buckle.

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

ZB090U1-A

Adjusting Your Seat Belt

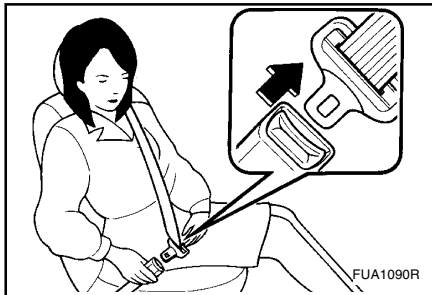


You should place the belt as low as possible on your hips, not on your waist. If located too high on your body, the chances of sliding out from under it and suffering serious injury or death are increased. Both arms should not be under or over the belt. Rather, one should be over and the other under, as shown in the illustration.

FEATURES OF YOUR HYUNDAI

ZB090V1-A

To Release the Seat Belt



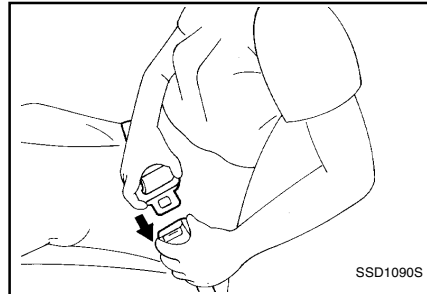
The seat belt is released by pressing the release button in the locking buckle. When it is released, the belt should automatically draw back into the retractor.

If this does not happen, check the belt to be sure it is not twisted, then try again.

ZB090W2-A

SEAT BELTS (2-Point Static Type) (Rear Seat Centre)

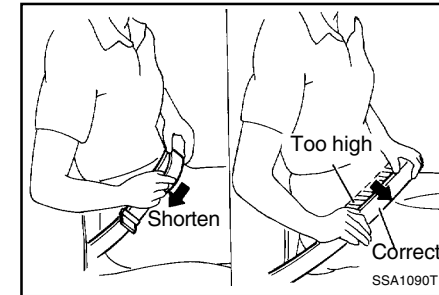
To Fasten Your Seat Belt



To fasten a 2-point static type seat belt, insert the metal tab into the locking buckle. There will be an audible “click” when the tab locks into the buckle. Check to make sure the belt is properly locked and that the belt is not twisted.

ZB090X2-A

Adjusting Your Seat Belt

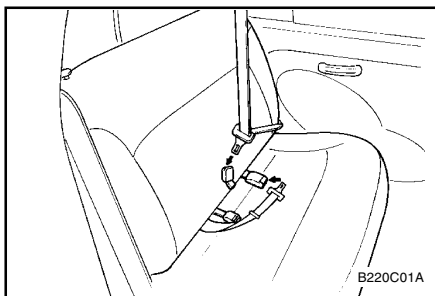


With a 2-point static type seat belt, the length must be adjusted manually so it fits snugly around your body. Fasten the belt and pull on the loose end to tighten. The belt should be placed as low as possible on your hips, not on your waist. If the belt is too high, it could increase the possibility of your being injured in an accident because you could slide under it.

FEATURES OF YOUR HYUNDAI

ZB090Y1-A

To Release the Seat Belt



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

WARNING:

The centre lap belt latching mechanism is different from those for the rear seat shoulder belts. When fastening the rear seat shoulder belts or the centre lap belt, make sure they are inserted into the correct buckle to obtain maximum protection from the seat belt system and assure proper operation.

B230A02P-GAT

CHILD RESTRAINT SYSTEM

(Not all models)

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 should use one of the seat belts provided.

You are required by law to use safety restraints for children. If small children ride in your vehicle you must put them in a child restraint system (safety seat).

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:

- o A child restraint system must be placed in the rear seat. Never install a child or infant seat on the front passenger's seat. Should an accident occur and cause the passenger side airbag to deploy, it could severely injure or kill an infant or child seated in an infant or child seat. Thus, only use a child restraint in the rear seat of your vehicle.

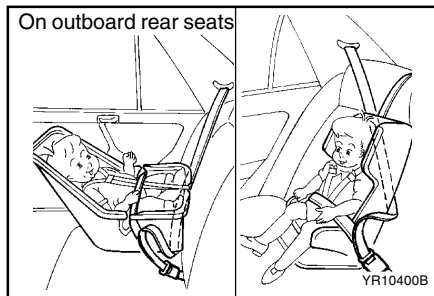
- o Since a safety belt or child restraint system can become very hot if it is left in a closed vehicle, be sure to check the seat cover and buckles before placing a child there.
- o When the child restraint system is not in use, fasten it with a safety belt so that it will not be thrown forward in the case of a sudden stop or an accident.
- o Children who are too large to be in a child restraint should sit in the rear seat and be restrained with the available lap/shoulder belts. Never allow children to ride in the front passenger seat.
- o Always make sure that the shoulder belt portion of the outboard lap/shoulder belt is positioned midway over the shoulder, never across the neck or behind the back. Moving the child closer to the center of the vehicle may help provide a good shoulder belt fit. The lap belt portion of the lap/shoulder belt or the center seat lap belt must always be positioned as low as possible on the child's hips and as snug as possible.
- o If the seat belt will not properly fit the child, we recommend the use of an approved booster seat in the rear seat in order to raise the child's seating height so that the seat belt will properly fit the child.
- o Never allow a child to stand up or kneel on the seat.

FEATURES OF YOUR HYUNDAI

- o **Never use an infant carrier or child safety seat that "hooks" over a seatback; it may not provide adequate security in an accident.**
- o **Never allow a child to be held in a person's arms while they are in a moving vehicle, as this could result in serious injury to the child in the event of an accident or a sudden stop. Holding a child in a moving vehicle does not provide the child with any means of protection during an accident, even if the person holding the child is wearing a seat belt.**

B230G01A-GAT

Installation on Outboard Rear Seats



To install a child restraint system in the outboard rear seats, extend the shoulder/lap belt from its retractor. Install the child restraint system, buckle the seat belt and allow the seat belt to take up any slack. Make sure that the lap

portion of the belt is tight around the child restraint system and the shoulder portion of the belt is positioned so that it cannot interfere with the child's head or neck. After installation of the child restraint system, try to move it in all directions to be sure the child restraint system is securely installed.

If you need to tighten the belt, pull more webbing toward the retractor. When you unbuckle the seat belt and allow it to retract, the retractor will automatically revert back to its normal seated passenger emergency locking usage condition.

NOTE:

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

WARNING:

Do not install any child restraint system in the front passenger seat. Should an accident occur and cause the passenger side airbag to deploy, it could severely injure or kill an infant or child seated in an infant or child seat. Therefore, only use a child restraint system in the rear seat of your vehicle.

B230H01X-GAT

Child Seat Restraint Suitability For Seat Position

Use child safety seats that have been officially approved and are appropriate for your children.

Age Group	Seating Position		
	Front Passenger	Rear Outboard	Rear Center
0 : Up to 10 kg (0 ~ 9 months)	X	U	X
0+ : Up to 13 kg (0 ~ 2 years)	X	U	X
I : 9kg to 18kg (9 months ~ 4 years)	UF	U	UF
II & III : 15kg to 36kg (4 ~ 12 years)	UF	UF	UF

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

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

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

FEATURES OF YOUR HYUNDAI

B180B01X-GAT

Pre-tensioner Seat Belt (Not all models)

Ordinarily the pre-tensioner seat belt operates in the same way as E.L.R (Emergency Locking Retractor) type **(When vehicles stop suddenly, the belt will lock into the position. It will also lock if you try to lean forward too quickly.)**. However, when vehicles crash, the retractor rewinds the belt webbing. This will restrain the passenger movement quickly and also reduce the slack between passenger and belt webbing.

NOTE:

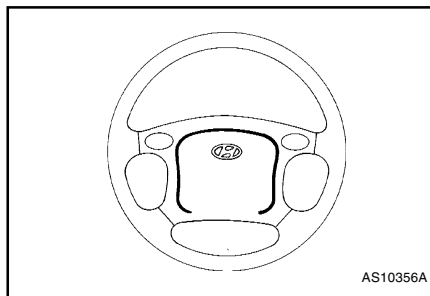
- o When the pre-tensioner seat belt is activated, there may be an explosion noise. This noise is normal and is not hazardous.
- o Pre-tensioner seat belt is designed to operate only when a sufficiently severe impact occurs and it will be only operated once.

WARNING:

If the pre-tensioner seat belt was activated, never attempt to replace it by yourself. It must be replaced by an authorized Hyundai Dealer.

B240A02F-EAT

SUPPLEMENTAL RESTRAINT (AIRBAG) SYSTEM (Not all models)



Your Hyundai is equipped with a Supplemental Restraint (Airbag) System. The indications of the system's presence are the letters "SRS AIR BAG" embossed on the airbag pad cover in the steering wheel and the passenger's side front panel pad above the glove box.

The Hyundai SRS consists of airbags installed under the pad covers in the centre of the steering wheel and the passenger's side front panel above the glove box. The purpose of the SRS is to provide the vehicle's driver and/or the front passenger with additional protection than that offered by the seat-belt system alone, in case of a frontal impact of sufficient severity.

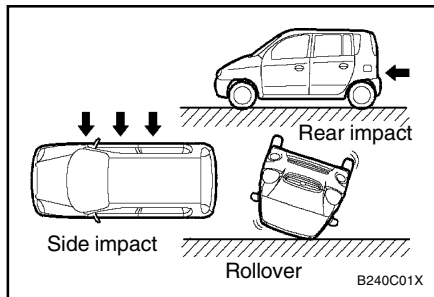
NOTE:

Be sure to read information about the SRS on the labels provided on the backside of the sun visor and in the glove box.

WARNING:

- o As its name implies, the SRS is designed to work with, and be supplemental to, the driver's and the passenger's three point 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. In addition, the airbags deploy only in certain frontal impact conditions severe enough to likely cause significant injury to the vehicle occupants.
- o The SRS is designed to deploy the airbags only when an impact is sufficiently severe and when the impact angle is less than 30° from the forward longitudinal axis of the vehicle and will not deploy in side, rear or rollover impacts. Additionally, the airbags will only deploy once. Thus, seat belts must be worn at all times.

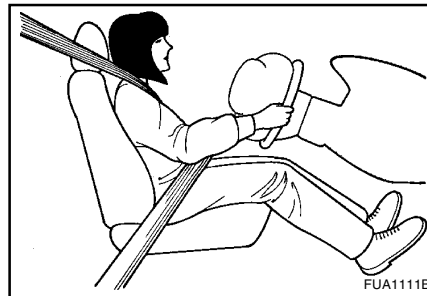
FEATURES OF YOUR HYUNDAI



- o Front airbags are not intended to deploy in side-impact, rear-impact or rollover crashes. In addition, airbags will not deploy in frontal crashes below the deployment threshold speed.
- o For maximum safety protection in all types of crashes, all occupants including the driver should always wear their seat belts whether or not an airbag is also provided at their seating position to minimize the risk of severe injury or death in the event of a crash. Do not sit or lean unnecessarily close to the airbag while the vehicle is in motion.
- o The SRS airbag system must deploy very rapidly to provide protection in a crash. If an occupant is out of position because of not wearing a seat belt, the airbag may forcefully contact the occupant causing serious or fatal injuries.

B240B01X-EAT

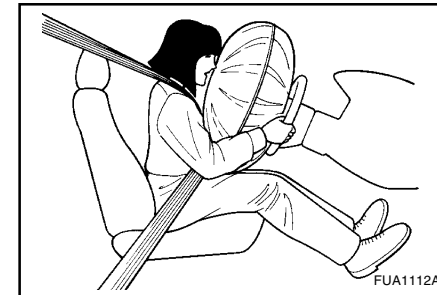
SRS Components and Functions



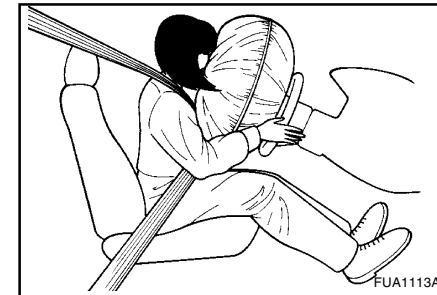
The SRS consists of the following components:

- Driver's Side Airbag Module
- SRS Service Reminder Indicator (SRI)
- SRS Control Module (SRSCM)

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



The SRS service reminder indicator (SRI) on the instrument panel will blink for about 6 seconds after the ignition key is turned to the "ON" position or after the engine is started, after which the SRI should go out.



The airbag modules are located both in the centre of the steering wheel. When the SRSCM detects a considerable impact to the front of the vehicle, it will automatically deploy the airbags.

FEATURES OF YOUR HYUNDAI

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

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

After complete inflation, the airbag immediately starts deflating, enabling the driver to maintain forward visibility.

CAUTION:

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

WARNING:

- o When the SRS is activated, there may be a loud noise and fine dust will be released through out the vehicle. These conditions are normal and are not hazardous. However, the fine dust generated during airbag deployment may cause skin irritation. Be sure to wash your hands and face thoroughly with lukewarm water and a mild soap after an accident in which the airbags were deployed.
- o The SRS can function only when the ignition key is in the "ON" position. If the SRS SRI does not come on, or continuously remains on, after flashing for about 6 seconds when the ignition key is turned to the "ON" position, or after the engine is started, or comes on while driving, the SRS is not working properly. If this occurs, have your vehicle immediately inspected by your Hyundai dealer.
- o Before you replace a fuse or disconnect a battery terminal, turn the ignition key to the "LOCK" position or remove the ignition key. Never remove or replace the air bag related fuse(s) when the ignition key is in the "ON" position. Failure to heed this warning will cause the SRS SRI to illuminate.

B240C01X-EAT

SRS Care

The SRS is virtually maintenance-free and so there are no parts you can safely service by yourself. The entire SRS system must be inspected by an authorized Hyundai dealer in 10 years after the date that the car was manufacture.

Any work on the airbag system, such as removing, installing, repairing, or any work on the steering wheel must be performed by a qualified Hyundai technician.

Improper handling of the airbag system may result in serious personal injury.

WARNING:

- o Modification to SRS components or wiring, including the addition of any kind of badges to the pad cover or modifications to the body structure, can adversely affect SRS performance and lead to possible injury.
- o For cleaning the horn pad, use only a soft, dry cloth or one which has been moistened with plain water. Solvents or cleaners could adversely affect the airbag cover and proper deployment of the system.
- o No objects should be placed over or near the label identifying the airbag on the steering wheel and instrument panel, because any such object could cause harm if the vehicle is in a crash severe enough to cause the airbag to inflate.

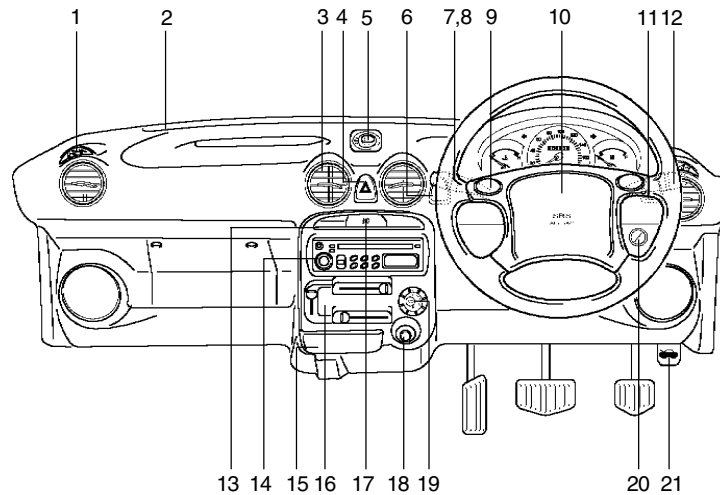
FEATURES OF YOUR HYUNDAI

- o If the airbag inflate, it must be replaced by an authorized Hyundai dealer.
- o Do not tamper with or disconnect SRS wiring, or other components of the SRS system. Doing so could result in injury, due to accidental firing of the airbag or by rendering the SRS inoperative.
- o If components of the airbag system must be discarded, or if the vehicle must be scrapped, certain safety precautions must be observed. Your Hyundai dealer knows these precautions and can give you the necessary information. Failure to follow these precautions and procedures could increase the risk of personal injury.
- o If you sell your vehicle, be sure to inform the new owner of these important points and make certain that this manual is transferred to the new owner together with the vehicle.
- o If your vehicle was flooded and has soaked carpeting or water on flooring, you shouldn't try to start engine; have the car towed to authorized Hyundai dealer.

FEATURES OF YOUR HYUNDAI

B250A02X-EAT

INSTRUMENTS AND CONTROLS



CAUTION:

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

B250A02X-DAG

1. Side Air Vent Louver
2. Defroster Ventilation Outlet
3. Center Air Vent Louver
4. Hazard Warning Switch
5. Digital Clock (Not all models)
6. Rear Defroster Switch
7. Windshield Wiper/Washer Switch

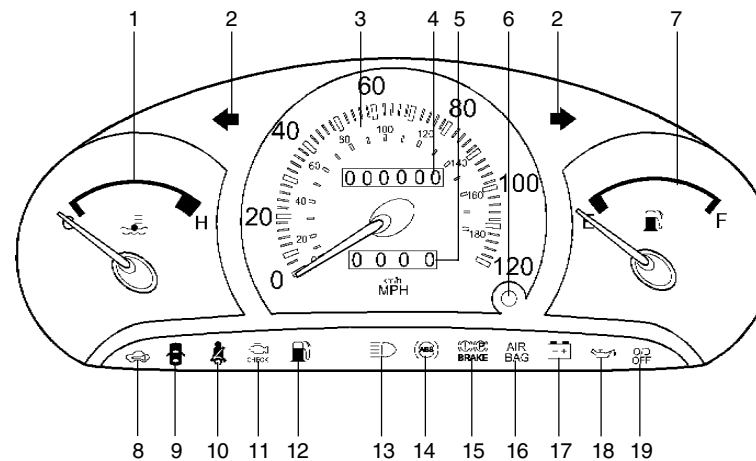
8. Rear Wiper Switch/Rear Washer Switch
9. Horn Button
10. SRS Air Bag (Driver Side)
11. Head light Leveling Device
12. Multi-Function Light Switch
13. Rear Fog Light Switch
14. Audio System (Not all models)

15. Ashtray
16. Heating/Air Conditioning Control Panel
17. Front Fog Light Switch
18. Cigarette Light
19. Air Conditioning Switch
20. Ignition Switch
21. Hood Release Lever

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B260A04X-EAT

INSTRUMENT CLUSTER AND INDICATOR



B260A03X-DAG

1. Temperature Gauge
2. Turn Signal Indicator Light
3. Speedometer
4. Odometer
5. Trip Odometer
6. Trip Odometer Reset Button
7. Fuel Gauge

8. Immobilizer Warning Indicator Light
9. Door Ajar Warning Light
10. Seat Belt Warning Light
11. Malfunction Indicator Lamp (MIL)
12. Low Fuel Warning Light
13. High Beam Indicator Light
14. ABS Service Reminder Indicator
(Not all models)

15. Parking Brake/Brake Fluid Level Warning
Light
16. SRS Service Reminder Indicator
(Not all models)
17. Charging System Warning Light
18. Oil Pressure Warning Light
19. Overdrive Off Indicator Light (Auto T/A only)

FEATURES OF YOUR HYUNDAI

ZB110G2-E



TURN SIGNAL INDICATOR LIGHT

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

B260P02Y-AAT



ABS SERVICE REMINDER INDICATOR (SRI) (Not all models)

When the key is turned to the "ON" position, the ABS light will come on and then go off in a few seconds.

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

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

CAUTION:

If the both ABS SRI and Parking Brake/Brake fluid level warning lights remain "ON" or come on while driving, there may be a problem with E.B.D (Electronic brake force distribution).

If this occurs, avoid sudden stops and have your vehicle checked by your Hyundai dealer as soon as possible.

1-18

SB210E1-E



OVERDRIVE OFF INDICATOR LIGHT (Not all models)

When the overdrive (4th gear) switch is turned off and the operation of overdrive (4th gear) is cancelled, the overdrive warning light (O/D OFF) will be illuminated. When the switch is at the on position, the gearbox will operate in the normal fully automatic mode and the warning light will be extinguished.

ZB110J2-E



HIGH BEAM INDICATOR LIGHT

This light is coloured blue and should illuminate only when the headlight upper beam is on.

B260E02A-GAT



SEAT BELT REMINDER LIGHT

The seat belt reminder light comes on until your seat belt is fastened when the ignition key is turned from the "OFF" position to "ON" or "START".

ZB110K2-E



OIL PRESSURE WARNING LIGHT

The oil pressure warning light will illuminate when insufficient oil pressure exists for safe engine operation.

The light should illuminate when the ignition is turned on and should be extinguished as soon as the engine is started.

CAUTION:

Operation of the engine with low oil pressure may result in serious damage to the engine.

Should the oil pressure light fail to extinguish after starting or illuminate when the engine is running, the engine must be stopped immediately. If the engine oil level is low, add a sufficient quantity of oil to raise the level to the full marking on the dip stick. Restart the engine and check that the warning light is extinguished. Should the light still be illuminated, stop the engine immediately and seek assistance from the nearest Hyundai dealer.

ZB110L3-E



PARKING BRAKE, BRAKE CIRCUIT FAILURE WARNING LIGHT

This light will be illuminated when the hand brake is applied and the ignition on, and should go out when the hand brake is released. The vehicle should not be driven until the hand brake has been released and the light go out. It also will be illuminated if the brake fluid level in the reservoir falls to the MIN. mark. If the light illuminates while driving pull off the road if possible and stop immediately. Contact your nearest authorized dealer and have the system checked.

FEATURES OF YOUR HYUNDAI

Warning Light Operation

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

If the parking brake is not applied, the warning light should come on when the ignition switch is turned to "ON" or "START", then go out when the engine starts. If the light comes on at any other time, you should slow the vehicle and bring it to a complete stop in a safe location off the roadway.

The brake warning light indicates that the brake fluid level in the brake master cylinder is low and hydraulic brake fluid conforming to DOT 3 or DOT 4 specifications should be added. After adding fluid, if no other trouble is found, the car should be immediately and carefully driven to a Hyundai dealer for inspection. If further trouble is experienced, the vehicle should not be driven at all but taken to a dealer by a professional towing service or some other safe method.

Your Hyundai is equipped with dual-diagonal braking systems. This means you still have braking on two wheels even if one of the dual systems should fail. With only one of the dual systems working, more than normal pedal travel and greater pedal pressure are required to stop the car. Also, the car will not stop in as short a distance with only half 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.

ZB110M2-E



CHARGING WARNING LIGHT

This red warning light indicates malfunctioning of the alternator and electrical charging system. If this warning light glows when the ignition switch is in the "ON" position (engine off), the bulb and electrical wiring are satisfactory. The light should go out when the engine is started. If the light glows when the engine is running, the alternator and electrical system should be checked as soon as possible.

B260L01A-GAT



DOOR AJAR WARNING LIGHT

The door ajar warning light warns you that a door is not completely closed.

ZB110P2-E



LOW FUEL LEVEL WARNING LIGHT

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

YB110C1-A



SRS (Airbag) SERVICE REMINDER INDICATOR (Not all models)

The SRS service reminder indicator (SRI) comes on and flashes for about 6 seconds after the ignition key is turned to the "ON" position or after the engine is started, after which it will go out.

This light also comes on when the SRS is not working properly.

If the SRI does not come on, or continuously remains on after flashing for about 6 seconds when you turned the ignition key to the "ON" position or started the engine, or if it comes on while driving, have the SRS inspected by an authorized Hyundai Dealer.

ZB110R1-E

BRAKE PAD WEAR WARNING SOUND

When the brake pads of the front brakes become worn to almost the limit of use, a metalfriction squealing sound will be heard as a warning to the driver that the brakes should be checked. When this sound is heard, replace the brake pads with new ones.

ZB110Q2-A



MALFUNCTION INDICATOR LIGHT

This light illuminates when there is a malfunction of an exhaust gas related component, and the system is not functioning properly so that

FEATURES OF YOUR HYUNDAI

the exhaust gas regulation values are not satisfied. This light will also illuminate when the ignition key is turned to the "ON" position, and then it will go out in a few seconds. If it illuminates while driving, or does not illuminate when the ignition key is turned to the "ON" position, take your car to your nearest authorized Hyundai dealer and have the system checked.

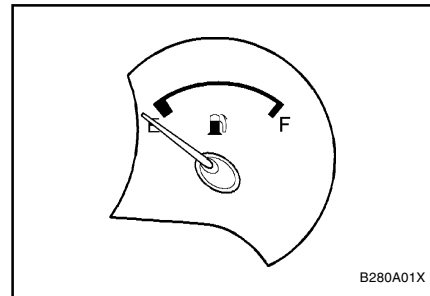
B900A01A-GAT

ACOUSTIC WARNING SOUND (Not all models)

The acoustic warning chime sounds when the tail lights are on and the door in driver side is open. This prevents the battery from discharging when the car is left with the tail lights on. The chime sounds until the tail lights are turned off.

ZB110S1-E

FUEL GAUGE



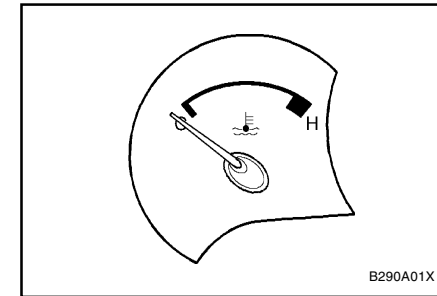
The needle on the gauge indicates the fuel level in the fuel tank. The fuel capacity is given in section 9.

NOTE:

The engine should not be operated below the "E" mark of the fuel gauge and with the low fuel level warning lamp on, or serious engine damage or misfire may result.

B290A02A-AAT

ENGINE COOLANT TEMPERATURE GAUGE



WARNING:

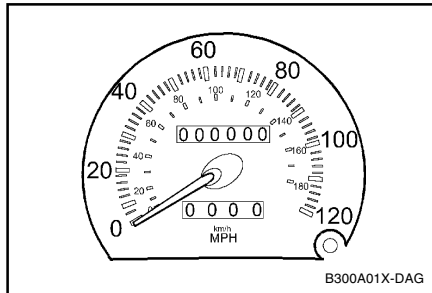
Never remove the radiator cap when the engine is hot. The engine coolant is under pressure and could erupt and cause severe burns. Wait until the engine is cool before removing the radiator cap.

The needle on the engine coolant temperature gauge should stay in the normal range. If it moves across the dial to "H" (Hot), pull over and stop as soon as possible and turn off the engine. Then open the hood and check the coolant level and the water pump drive belt. If you suspect cooling system trouble, have your cooling system checked by Hyundai dealer as soon as possible.

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ZB110U1-A

SPEEDOMETER



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

ZB110V1-E

ODOMETER

The odometer records the total driving distance in miles, and is useful for keeping a record for maintenance intervals.

ZB110W1-E

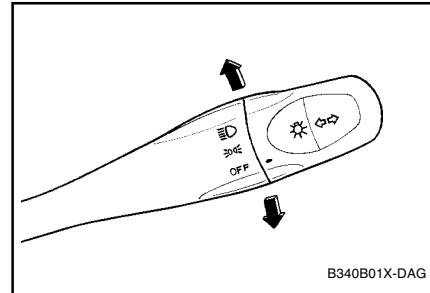
TRIP ODOMETER

The trip odometer may be used to more accurately record trip distances. Push the reset knob to set the counter to zero.

ZB120A1-E

MULTI FUNCTION SWITCH

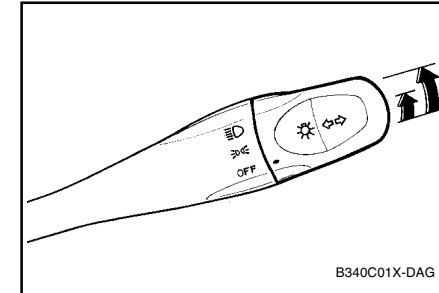
Turn Signal Operation



To signal an intention to turn right, the switch lever should be pulled down. To signal an intention to turn left, the switch lever should be pushed upwards. In both instances, the turn signal lamps on one side of the car will flash and the warning lamp located in the instrument cluster will flash in sympathy. Upon completion of the manoeuvre, the lever will, under normal circumstances, return to the "Off" position. However, if the manoeuvre involved only a small movement of the steering wheel, the signal may need to be cancelled manually. If either turn signal indicator flashes more rapidly than normal or refuses to flash at all, a malfunction of the turn signal system may exist.

ZB120C1-A

HEADLIGHT SWITCH



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

ZB120D1-E

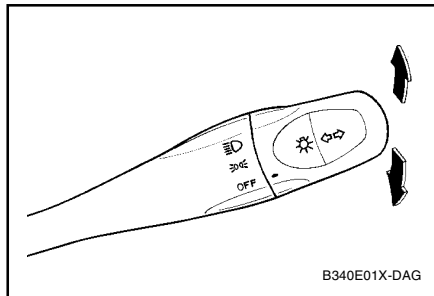
HIGH AND LOW BEAM

To turn on the headlight high beams, push the lever forward (away from you). For low beams, pull the lever back (toward you). The appropriate headlight beam indicator light will come on at the same time.

FEATURES OF YOUR HYUNDAI

B340E01A-AAT

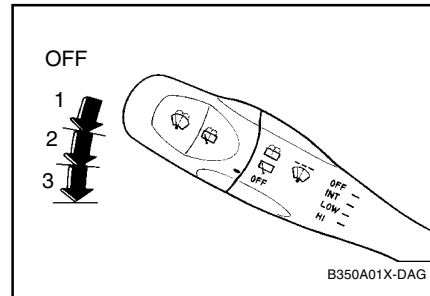
HEADLIGHT FLASHER



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

ZB130A1-E

WINDSCREEN WIPER AND WASHER SWITCH



The windscreen wiper switch has three positions.

1. Intermittent operation
2. Low speed operation
3. High speed operation

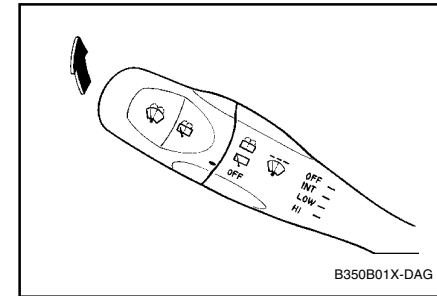
NOTE:

To prevent damage to the wiper system, do not attempt to wipe away heavy accumulations of snow or ice.

Accumulated snow and ice should be removed manually. If there is only a light layer of snow or ice, operate the heater in the defrost mode to melt the snow or ice before using the wiper.

YB130B1-B

WINDSHIELD WASHER OPERATION



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

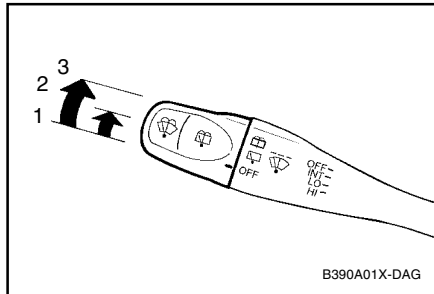
NOTE:

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



FEATURES OF YOUR HYUNDAI

B390A01X-GAT

REAR WINDOW WIPER AND WASHER (Not all models)



To operate the rear wiper and washer, turn the barrel on the end of the multifunction switch.

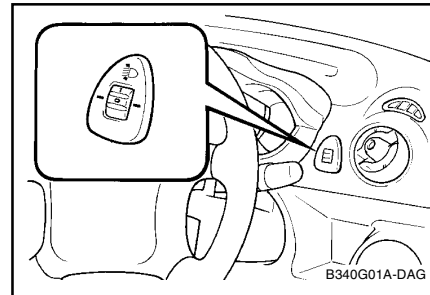
1. OFF
2. When the point indicates the , the rear windshield wiper starts to operate continuously.
3. The washer fluid will be spray onto the rear windshield by indicating the point onto the . The wiper operates continuously after the washer fluid is sprayed.

Do not operate the washer continuously for more than 15 seconds or when the fluid reservoir is empty; this could damage the system. Do not operate the wiper when the window is dry; this can result in scratching as well as premature wiper blade wear. For the same

reason, do not operate the washer when the washer fluid reservoir is empty.

B340G02X-GAT

HEADLIGHT LEVELING DEVICE SYSTEM

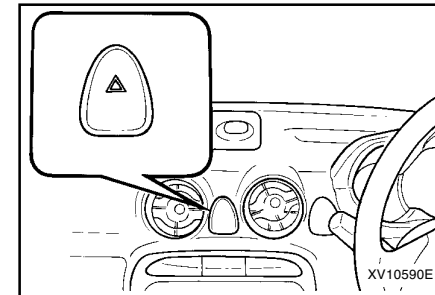


To adjust the headlight beam level according to the number of the passengers and the loading weight in the luggage area, turn the beam leveling switch. The higher the number of the switch position, the lower the headlight beam level. Always keep the headlight beam at the proper leveling position, or headlights may dazzle other road users. Listed below are the examples of recommended 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 (including driver)	1
Full passengers (including driver) + Permissible load	1
Driver + Permissible load	2

AB160A1-A

HAZARD WARNING SYSTEM



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

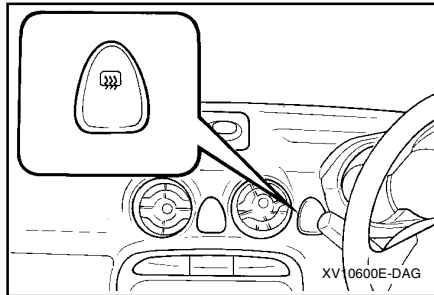
To turn on the hazard warning lights, push the hazard switch. This causes all turn signal lights to blink. The hazard warning lights will operate

FEATURES OF YOUR HYUNDAI

even though the key is not in the ignition. To turn off the hazard warning lights, push the hazard switch.

SB250A1-E

HEATED REAR WINDOW



To operate the heated rear window depress the switch shown. The heated rear window will automatically turn off after 15 minutes or when the ignition is turned off.

The system may be turned off manually by depressing the switch again.

CAUTION:

The inside of the rear windscreen should never be cleaned with a hard or sharp implement since damage to the heating element may occur. The glass should only be cleaned with a soft cloth or chamois leather with the use only of a mild detergent or proprietary glass cleaner where necessary. Only hori-

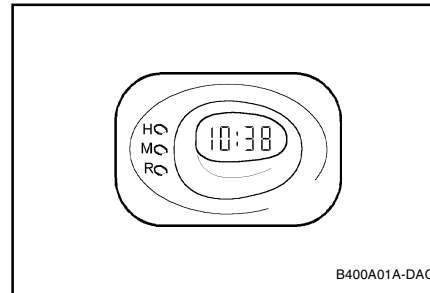
zontal movement of the cloth should be made when cleaning the glass and care should be exercised to ensure that the heating elements are not damaged by rings or jewellery whilst the glass is being cleaned.

NOTE:

The engine must be running for the heated rear window to operate.

ZB190A1-A

DIGITAL CLOCK (Not all models)



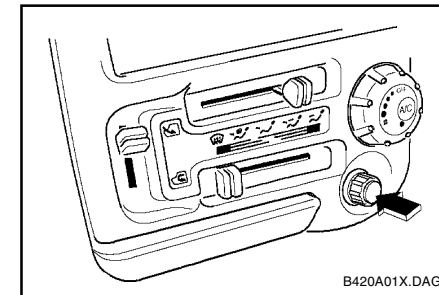
There are three control buttons for the digital clock. Their functions are:

- HOURL** - Push "H" to advance the hour indicated.
- MIN** - Push "M" to advance the minute indicated.
- RESET** - Push "R" to reset minutes to ":00" to facilitate resetting the clock to the correct time. When this is done:

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

ZB210A1-A

CIGAR LIGHTER



For the cigarette lighter to work, the key must be in the "ACC" position or the "ON" position. To use the cigarette lighter, push it all the way into its socket. When the element has heated, the lighter will pop out to the "ready" position. Do not hold the cigarette lighter pressed in. This can damage the heating element and create a fire hazard.

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

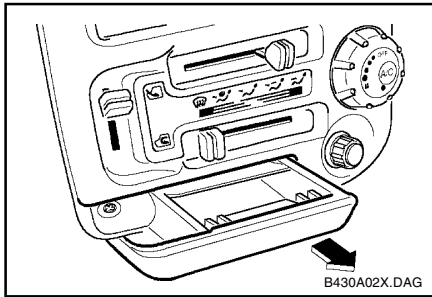
FEATURES OF YOUR HYUNDAI

CAUTION:

Do not use electric accessories or equipment other than the Hyundai genuine parts in the socket.

B430A01X-GAT

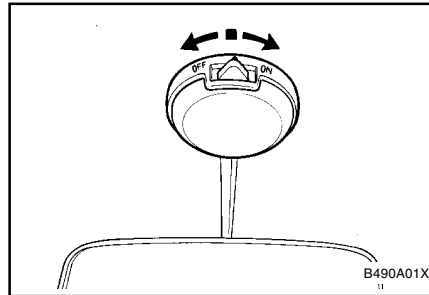
FRONT ASHTRAY



The front ashtray may be opened by pulling it out by its grip. To remove the ashtray to empty or clean it, press down on the spring-loaded tab inside the ashtray and pull it all the way out.

B490A01X-GAT

INTERIOR LIGHT

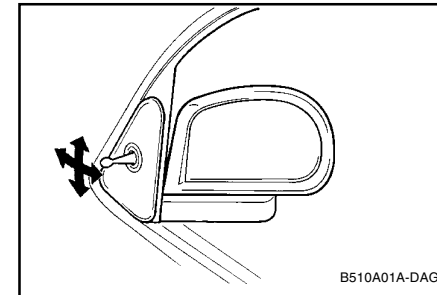


The interior courtesy light has a 3-position switch. The three positions are:

- o " ● " In the "MIDDLE" position, the interior courtesy light comes on when any door is opened, then goes out when it is closed.
- o "OFF" In the "LEFT" position, the light stays off even though a door is open.
- o "ON" In the "RIGHT" position, the light stays on at all times.

ZB270A1-A

OUTSIDE REAR VIEW MIRROR



The outside rear view mirror lever type is equipped with remote control for your convenience. It is operated by the control lever in the bottom front corner of the window. Before driving away, always check that your mirror is positioned so you can see directly behind you. When using the mirror, always exercise caution when attempting to judge the distance of vehicles behind you.

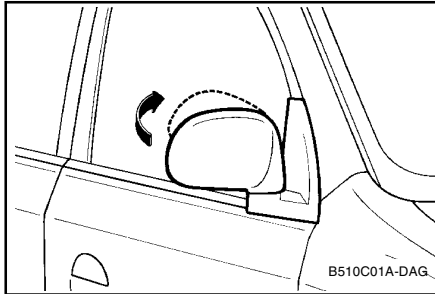
CAUTION:

If the mirror control is jammed with ice, do not attempt to break it free using the control handle or by manipulating the face of the mirror. Use an approved spray de-icer (not radiator antifreeze) to release the frozen mechanism or move the vehicle to a warm place and allow the ice to melt.

FEATURES OF YOUR HYUNDAI

AB270D1-A

FOLDING THE OUTSIDE REAR VIEW MIRRORS



To fold the outside rear view mirrors, push them towards the rear.

The outside rear view mirrors can be folded rearward for parking in restricted areas.

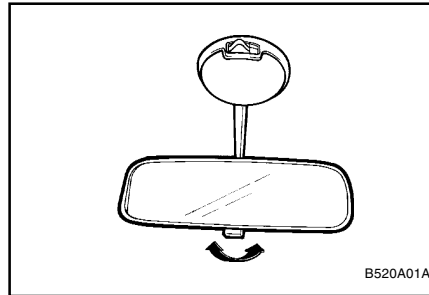
WARNING:

Do not adjust or fold it while the vehicle moving.

This could result in loss of control, and an accident causing death, serious injury, or property damage.

ZB280A1-A

DAY/NIGHT REAR VIEW MIRROR

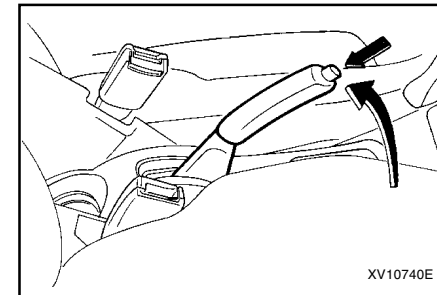


Your Hyundai is equipped with a day/night inside rear view mirror.

The "night" position is selected by flipping the tab at the bottom of the mirror toward you. In the "night" position, the glare of headlights of cars behind you is reduced.

ZB290A1-E

PARKING BRAKE



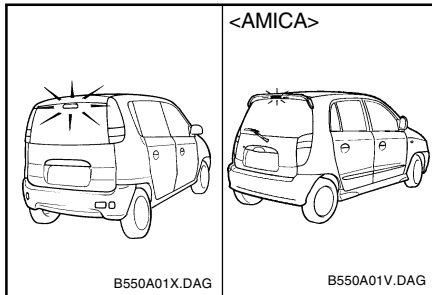
The hand brake must always be set when the vehicle is to be left unattended. When the hand brake is applied, and the ignition key is at the "ON" position, the hand brake warning lamp will be illuminated. Before driving the vehicle, the hand brake must be fully released and the warning lamp extinguished.

- o To set the hand brake, apply the foot brake and pull the hand brake lever up with the button depressed. Release the button when the brake is fully applied.
- o To release the hand brake, apply the foot brake and pull up the hand brake lever slightly. Depress the button and lower the lever.

FEATURES OF YOUR HYUNDAI

B550A01S-DAT

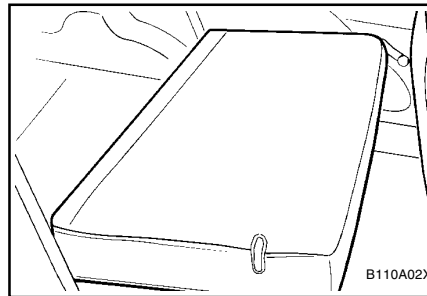
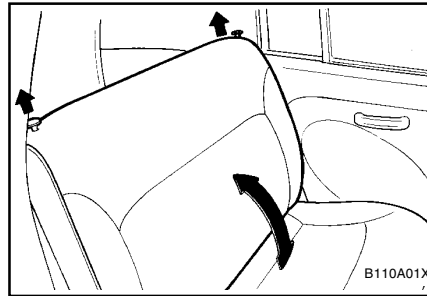
HIGH-MOUNTED REAR STOPLIGHT



In addition to the lower-mounted rear stoplights on either side of the car, the high mounted rear stoplight in the centre of the rear window or installed in the rear spoiler also comes on when the brakes are applied.

B110A01X-GAT

FOLDING REAR SEATBACK AND SEAT CUSHION



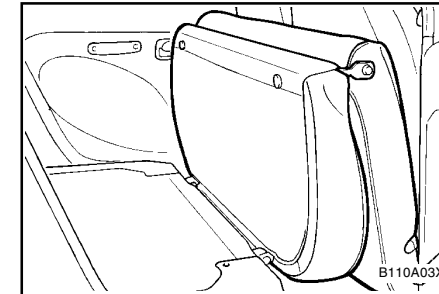
WARNING:

The purpose of the fold-down rear seat back and the fold-up rear seat cushion is to allow you to carry more objects than could otherwise be accommodated. Do not allow pas-

sengers to sit on the cargo area while the car is moving as this is not a proper seating position and no seat belts are available for use when the seat back is folded down. This could result in serious injury or death in case of an accident or a sudden stop. Objects 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.

For greater convenience, the entire seatback and seat cushion may be folded down and up.

- o To unlock the seatback, pull up on the seatback locking knob, then pull forward on the seatback.
- o After being folded down rear seat back, fold-up the seat cushion.



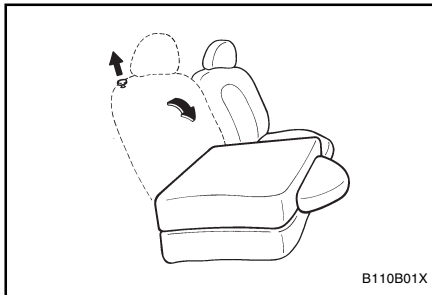
FEATURES OF YOUR HYUNDAI

WARNING:

- o When you return the rear seat to its upright position, always be sure it has locked into position by pulling and pushing on the top of the seatback.
- o When you return the rear seat to its upright position after being folded down and folded up, be careful not to damage the seat belt webbing or buckle. In addition, do not allow the seat belt webbing or buckle to get caught or pinched in the rear seat.

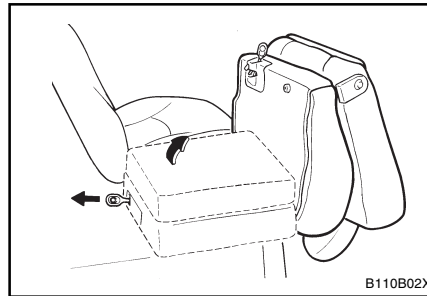
B110B01X-GAT

Folding rear seatback and seat cushion individually (Not all models)



The entire seatback and seat cushion may be folded down and up individually.

- o To unlock the seatback, pull up on the seatback locking knob, then pull forward on the seatback.
- o After being folded down rear seat, pull the lever on the rear side of the seat cushion to fold-up the seat cushion.

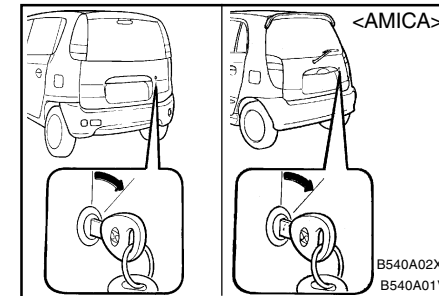


WARNING:

- o When you return the rear seat to its upright position, always be sure it has locked into position by pulling and pushing on the top of the seatback.
- o When you return the rear seat to its upright position after being folded down and folded up, be careful not to damage the seat belt webbing or buckle. In addition, do not allow the seat belt webbing or buckle to get caught or pinched in the rear seat.

B540A01X-GAT

TAIL GATE (Not all models)



WARNING:

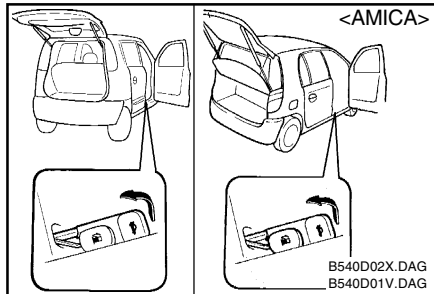
The tail gate should always be kept completely closed while the vehicle is in motion. If it is left open or ajar, poisonous exhaust gases may enter the car resulting in serious injury or death to the occupants. See additional warnings concerning exhaust gases on page 2-1.

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

FEATURES OF YOUR HYUNDAI

B540D01X-GAT

Remote Tail Gate Release (Not all models)



The tail gate is opened by pulling the lever to release the lock, then raising the tail gate manually.

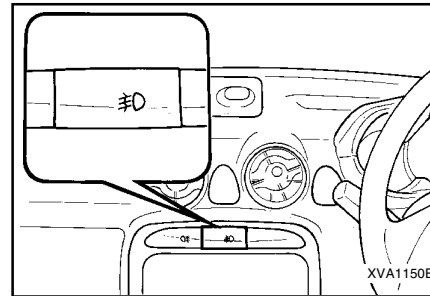
To close, lower the tail gate, then press down on it until it locks. To be sure the tail gate is securely fastened, always try to pull it up again.

WARNING:

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

B360A01A-GAT

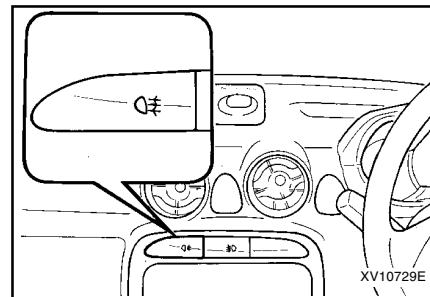
FRONT FOG LIGHT SWITCH (Not all models)



To turn on the front fog lights, push the switch. They will come on when the headlight switch is in the first or second position.

B360B01A-GAT

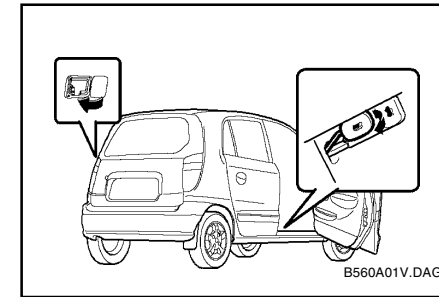
REAR FOG LIGHT SWITCH



To turn on the rear fog lights, push the switch. They will come on when the headlights are turned on.

JB360A1-A

REMOTE FUEL-FILLER LID RELEASE (Not all models)

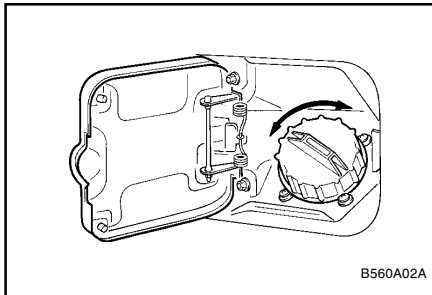


The fuel-filler lid may be opened from inside the vehicle by pulling up on the fuel-filler lid opener located on the front floor area on the left side of the car.

NOTE:

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

FEATURES OF YOUR HYUNDAI

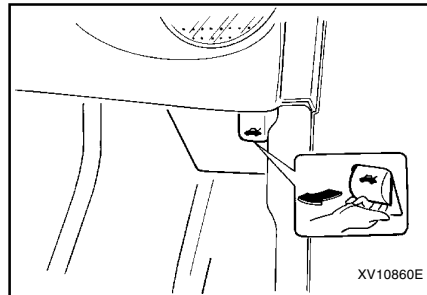


WARNING:

Gasoline vapors are dangerous. Before refueling, always stop the engine and never allow sparks or open flames near the filler area. If you need to replace the filler cap, use a genuine Hyundai replacement part. If you open the fuel filler cap during high ambient temperatures, a slight "pressure sound" may be heard. This is normal and not a cause for concern. Whenever you open the fuel filler cap, turn it slowly.

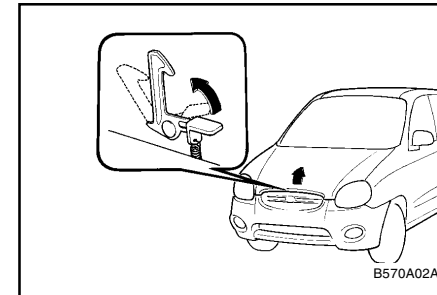
B570A01A-EAT

BONNET RELEASE



1. Pull the release knob to unlatch the bonnet.
2. Press the safety catch lever up and lift the bonnet.
3. Hold the bonnet open with the support rod.

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



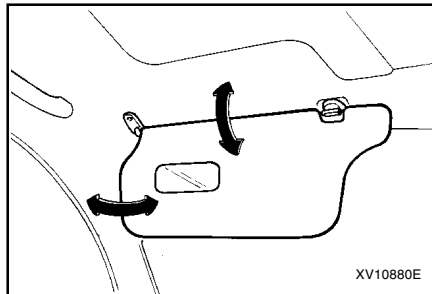
WARNING:

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

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ZB380A2-A

SUN-VISOR



Your Hyundai is equipped with a sun visor to give the driver and front passenger either frontal or side ward shade. The sun visors are fitted on both sides on standard models. To reduce glare or to shut out direct rays of the sun, turn the sun visor down to block the annoyance. A vanity mirror is provided on the back of the sun visor for the front passenger.

NOTE:

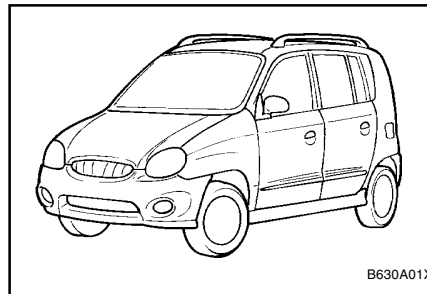
The Supplemental Restraint System (SRS) label containing useful information can be found on the back of each sun visor.

WARNING:

Do not place the sun visor in such a manner that it obscures visibility of the roadway, traffic or other objects.

B630A02X-EAT

ROOF RACK (Not all models)



If your Hyundai has a roof rack, you can load things on top of your vehicle. Crossrails and fixing components to adapt the roof rack on your vehicle may be obtained from an authorized Hyundai dealer.

Hyundai dealers are prepared to provide high quality service that may be required.

CAUTION:

- o The following specifications are recommended when loading cargo or luggage.

ROOF RACK	66 lb (30 kg)
-----------	---------------

- o Loading cargo or luggage above 66 lb (30 kg) on the roof rack may damage your vehicle.
- o When you carry large objects, never let them hang over the rear or the sides of your vehicle.

- o Always drive your vehicle at a moderate speed.
- o To use the roof rails as a roof rack, you must fit the roof rails with two or more crossrails or equivalent.

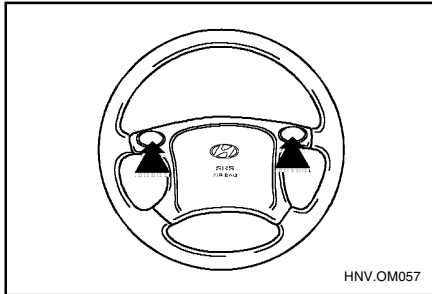
WARNING:

- o In case of hectic steering movements or bad fixation the luggage can fall from the vehicle and injure persons or property. Make sure that the luggage is properly fixed and avoid sudden movement (e.g.dashing start, fast turning manoeuvres, hard cornering, sudden braking) Check frequently whether the roof rack is properly fastened.
- o Voluminous, large, long or flat objects can change the aerodynamic drag of vehicle or can suddenly be lifted by the wind. The driver could lose control of the car and provoke an accident and injuries. For this reason, drive at reduced speed when you transport such objects.
- o The maximum load limit of the roof rack including luggage load is 66 lb.

FEATURES OF YOUR HYUNDAI

AB420A1-F

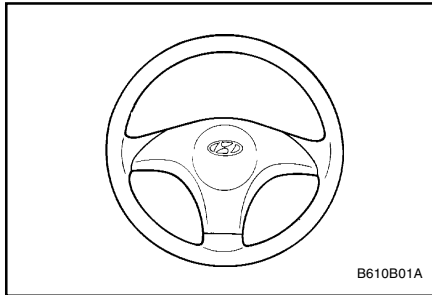
HORN (With Airbag)



Press either of the side buttons on the steering wheel to sound the horn.

ZB420A1-E

HORN

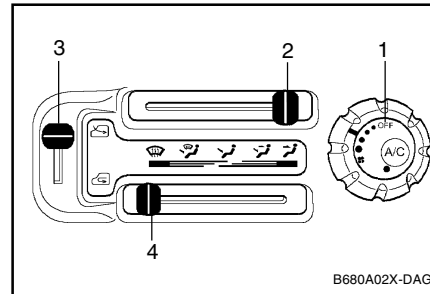


Press the centre hub of the steering wheel to sound the horn.

1-32

B680A01X-GAT

HEATING AND VENTILATION (Not all models)

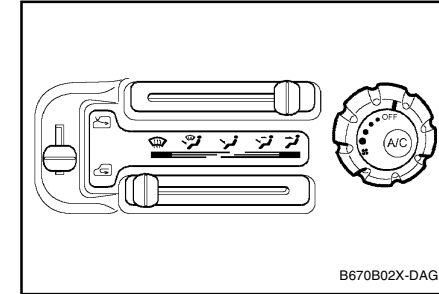


There are four controls for the heating and cooling system. They are:

1. Fan Speed Control.
This is used to turn the fan on and select the fan speed.
2. Air Flow Control.
This is used to direct the flow of air. 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 positions.
3. Air Intake Control.
This allows you to select fresh outside air or to circulate inside air.
4. Temperature Control.
This is used to turn the heating system on and off and to select the degree of heating desired.

B670B02X-GAT

Fan Speed Control (Blower Control)

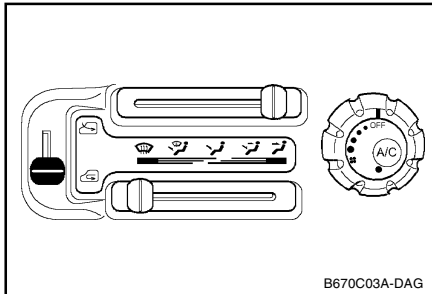


This is used to turn the blower fan on and off and to select the fan speed. The blower fan speed, and therefore the volume of air delivered from the system, may be controlled manually by setting the blower control between the "1" and "4" position.

FEATURES OF YOUR HYUNDAI

B670C02A-AAT

Air Intake Control



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

 **Fresh**

 **Recirculation**

With the "Fresh" mode selected, air enters the vehicle from outside and is heated or cooled according to the other functions selected.

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

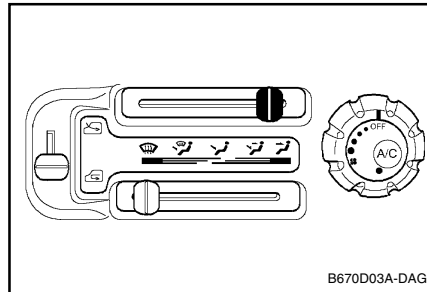
NOTE:

It should be noted that prolonged operation of the heating system in "Recirculation" mode will give rise to misting of the windshield and side windows and the air within the passenger

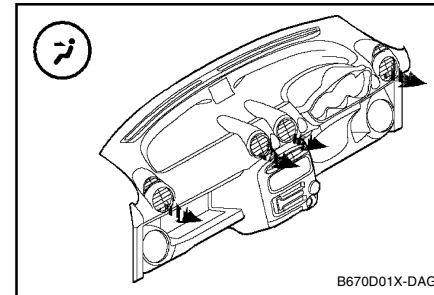
compartment becoming stale. In addition prolonged use of the air conditioning with the "Recirculation" mode selected may result in the air within the passenger compartment becoming excessively dry.

B670D02A-AAT

Air Flow Control



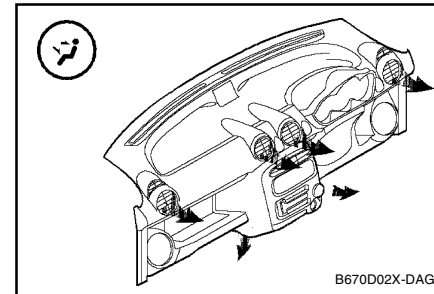
This is used to direct the flow of air. Air can be directed to the floor, dashboard outlets, or windshield. Five symbols are used to represent Face, Bi-Level, Floor, Floor-Defrost and Defrost air position.



B670D01X-DAG

Face-Level

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

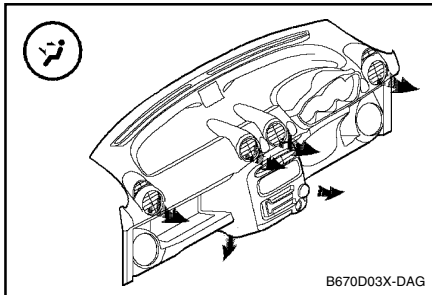


B670D02X-DAG

Bi-Level

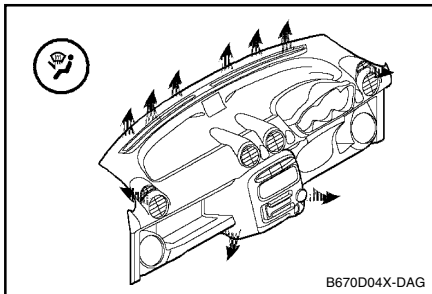
Air is discharged through the face vents and the floor vents. This makes it possible to have cooler air from the dashboard vents and warmer air from the floor outlets at the same time.

FEATURES OF YOUR HYUNDAI



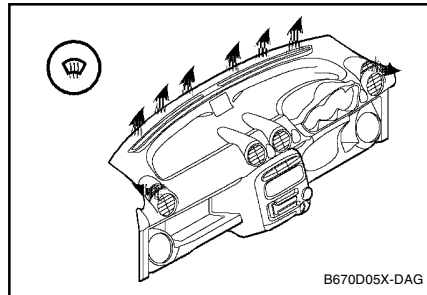
Floor-Level

Air is discharged through the floor vents.



Floor-Defrost Level

Air is discharged through the windshield defrost vents and the floor vents.

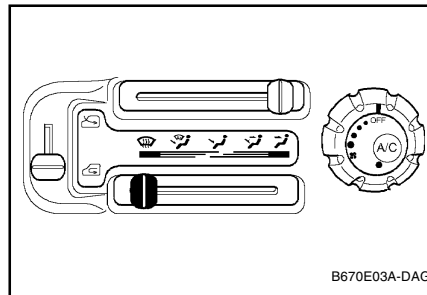


Defrost-Level

Air is discharged through the windshield defrost vents.

B670E02A-AAT

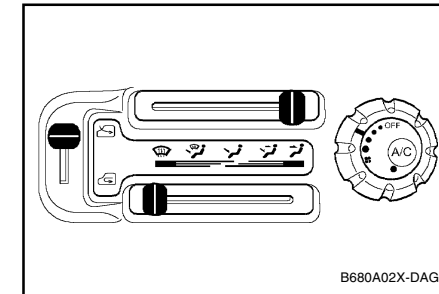
Temperature Control








This is used to turn the heating system on and off and to select the degree of heating desired.

B690A01A-AAT

HEATING CONTROLS



For normal heating operation, set the air intake control to the  position and the air flow control to the  position.

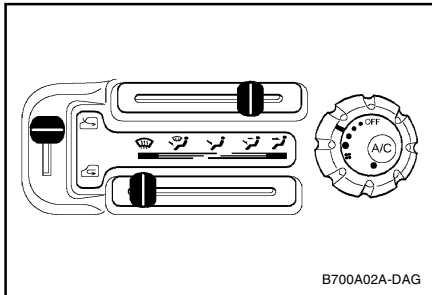
For faster heating, the air intake control should be set in the  position. If the windows fog up, set the air flow control to the  position and the air intake control to the  position.

For maximum heat, move the temperature control to "Warm".

FEATURES OF YOUR HYUNDAI

B700A01A-AAT

BI-LEVEL HEATING

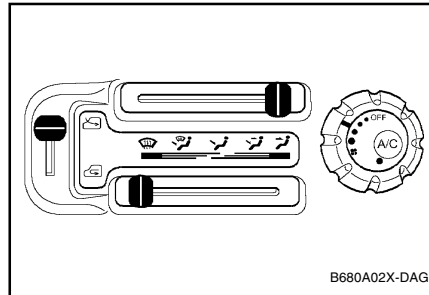


Your Hyundai is equipped with bi-level heating controls. This makes it possible to have cooler air from the dashboard vents and warmer air from the floor outlets at the same time. To use this feature:

- o Set the air intake control to the position.
- o Set the air flow control at the position.
- o Set the temperature control between "Cool" and "Warm"

B710A01A-AAT

VENTILATION

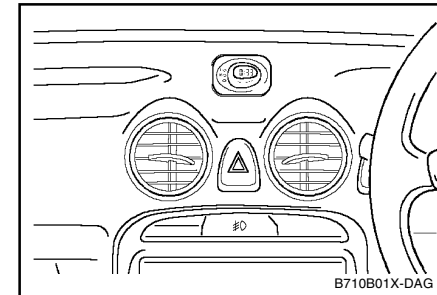


To operate the ventilation system:

- o Set the air intake control at the position.
- o To direct all intake air to the dashboard vents, set the airflow control to the position.
- o Adjust the fan speed control to the desired speed.
- o Set the temperature control between "Cool" and "Warm".

B710B01S-EAT

Centre Ventilator

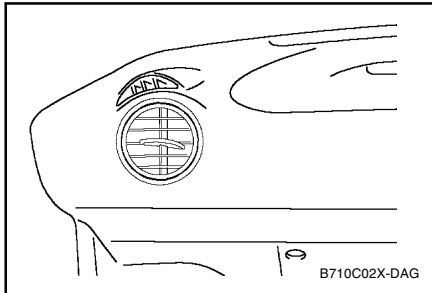


The centre ventilators are located in the middle of the dashboard. The direction of air flow from the vents in the centre of dashboard is adjustable. To control the direction of the air flow, move the knob in the centre of vent up-and-down and side-to-side.

FEATURES OF YOUR HYUNDAI

B710C01X-EAT

Side Ventilator

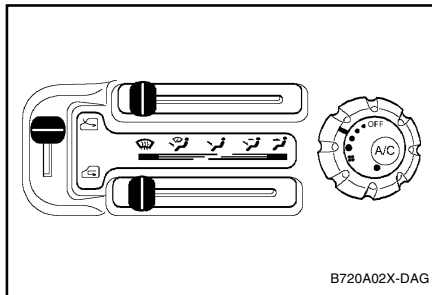


The side ventilators are located on each side of the dashboard.

To change the direction of the air flow, move the knob in the centre of vent up-and-down and side-to-side.

B720A02X-GAT

DEFROSTING/DEFOGGING



1-36

To use the heating/ventilation system to defrost or defog the windshield:

- o Set the air intake control to the position.
- o Set the air flow control to the position.
- o Set the temperature control to a comfortably warm position.
- o Set the fan speed control to position 3 or 4.
- o If vehicle is so equipped, push on the A/C for increased defogging action.

NOTE:

In high humidity areas the A/C can be used with the air intake in the position for increased defogging action.

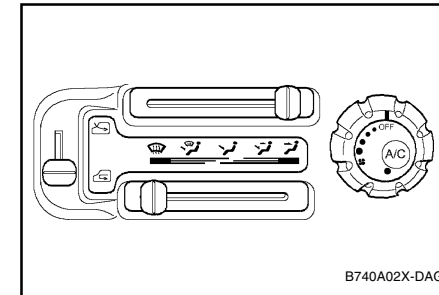
B730A01A-AAT

OPERATION TIPS

- o To keep dust or unpleasant fumes from entering the car through the ventilation system, temporarily set the air intake control at the position. Be sure to return the control to the position when the irritation has passed to keep fresh air in the vehicle. This will help keep the driver alert and comfortable.
- o 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.

B740A01X-GAT

AIR CONDITIONING SWITCH (Not all models)



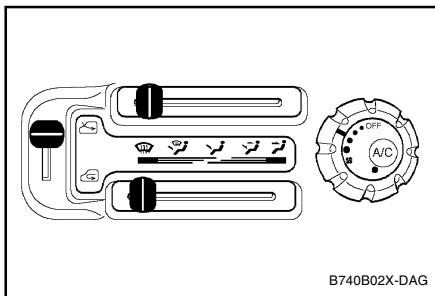
The air conditioning is turned on by pushing the A/C button in the fan control rotary switch.

FEATURES OF YOUR HYUNDAI

B740B01X-GAT

AIR CONDITIONING OPERATION (Not all models)

Cooling

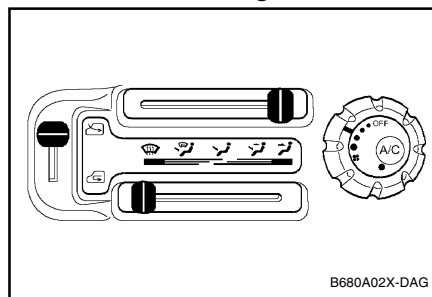


To use the air conditioning to cool interior:

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

B740C01X-GAT

De-Humidified Heating



For dehumidified heating:

- o Turn on the fan control switch.
- o Turn on the air conditioning switch.
- o Set the air intake control to the position.
- o Set the air flow control to the position.
- o Adjust the fan control to the desired speed.
- o For more rapid action, set the fan at one of the higher speeds.
- o Adjust the temperature control to provide the desired amount of warmth.

B740D01A-AAT

OPERATION TIPS

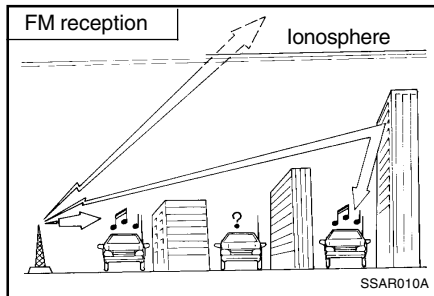
- o If the interior of the car is hot when you first get in, open the windows for a few minutes to expel the hot air.
- o When you are using the air conditioning system, keep all windows closed to keep hot air out.
- o When moving slowly, as in heavy traffic, shift to a lower gear. This increases engine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

FEATURES OF YOUR HYUNDAI

ZB500A1-A

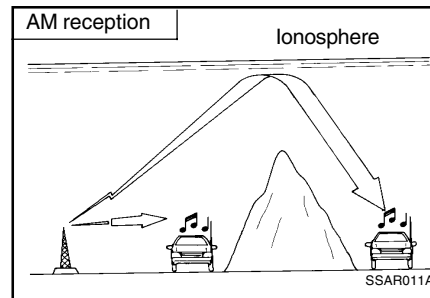
STEREO SOUND SYSTEM

How Car Audio Works

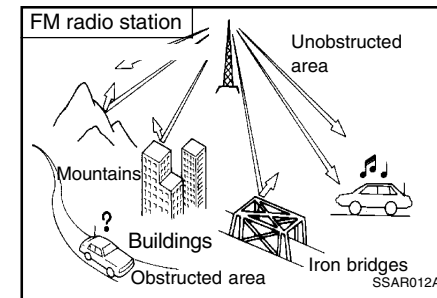


AM and FM radio signals are broadcast from transmitter towers located around your city. They are intercepted by the radio antenna on your car. This signal is then received by the radio and sent to your car speakers.

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

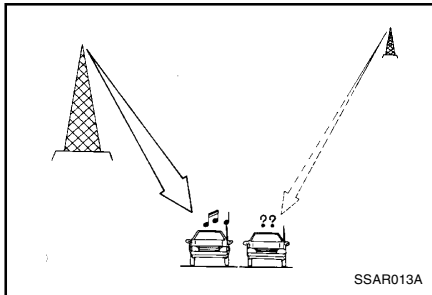


AM broadcasts can be received at greater distances than FM broadcasts. This is because AM radio waves are transmitted at low frequency. These long, low frequency radio waves can follow the curvature of the earth rather than travelling straight out into the ionosphere. In addition, they curve around obstructions so that they can provide better signal coverage.

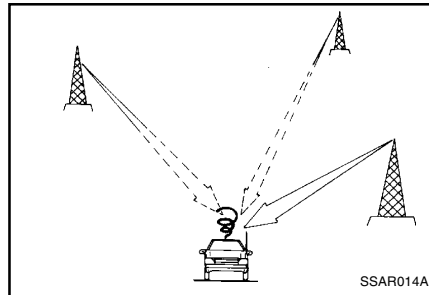


FM broadcasts are transmitted at high frequency and do not bend to follow the earth's surface. Because of this, FM broadcasts generally begin to fade at short distances from the station. Also, FM signals are easily affected by buildings, mountains, or other obstructions. These can result in certain listening conditions which might lead you to believe a problem exists with your radio. The following conditions are normal and do not indicate radio trouble:

FEATURES OF YOUR HYUNDAI



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



- o Station Swapping - As 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.
- o Multi-Path Cancellation - Radio signals being received from several directions can cause distortion or fluttering. This can be caused by a direct and a 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.

B750B02Y-AAT

Using a cellular phone or a two-way radio

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

CAUTION:

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

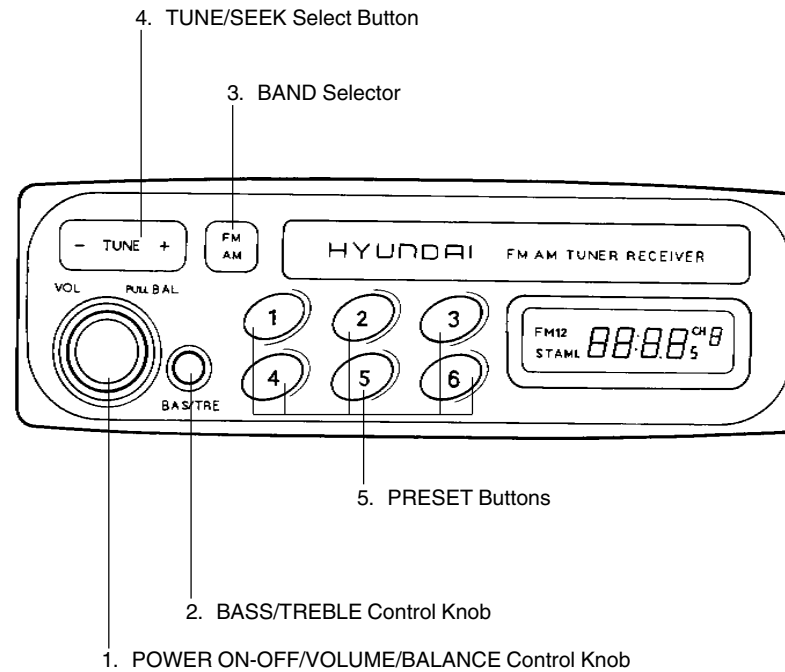
WARNING:

Don't use a cellular phone when you are driving, you must stop the car at the safe place to use a cellular phone.

FEATURES OF YOUR HYUNDAI

B901A02X-GAT

STEREO RADIO OPERATION (HMR 90) (Not all models)



B901A01X

FEATURES OF YOUR HYUNDAI

B901B02X-GAT

1. POWER ON-OFF/VOLUME CONTROL KNOB

The radio unit may be operated when the ignition key is in the "ACC" or "ON" position. Rotate the knob clockwise to switch the radio unit on, and to increase the volume.

The LCD shows the radio frequency in the radio mode. Turn the knob counterclockwise to reduce the volume, and to switch the radio unit off.

BAL (Balance Control) Knob

Pull and turn the control knob clockwise to emphasize right speaker sound (Left speaker sound will be attenuated). When the control knob is turned counterclockwise, left speaker sound will be emphasized (Right speaker sound will be attenuated).


2. BASS Control Knob

Press to pop the knob out and turn to the left or right for the desired bass tone.

TREBLE Control Knob

Further pull-lock position of popped-up knob. Turn to the left or right for the desired treble tone.

3. BAND Selector

Pressing the  button changes the AM, FM1 and FM2 bands. The mode selected is displayed on LCD.

4. TUNE (Manual) Select Button

Press the (+) side or (-) side to increase or to decrease the frequency. With the button held down for 0.5 sec. or more, the stop signal (broadcasting radio wave) is ignored and channel selection continues.

SEEK Operation (Automatic Channel Selection)

Press the TUNE select button 1 sec. or more. When the (+) side is pressed, the unit will automatically tune to the next higher frequency and when the (-) side is pressed, it will automatically tune to the next lower frequency.

5. PRESET STATION SELECT

Six (6) stations for AM, FM and FM2 respectively can be preset in the electronic memory circuit on this unit.

HOW TO PRESET STATIONS

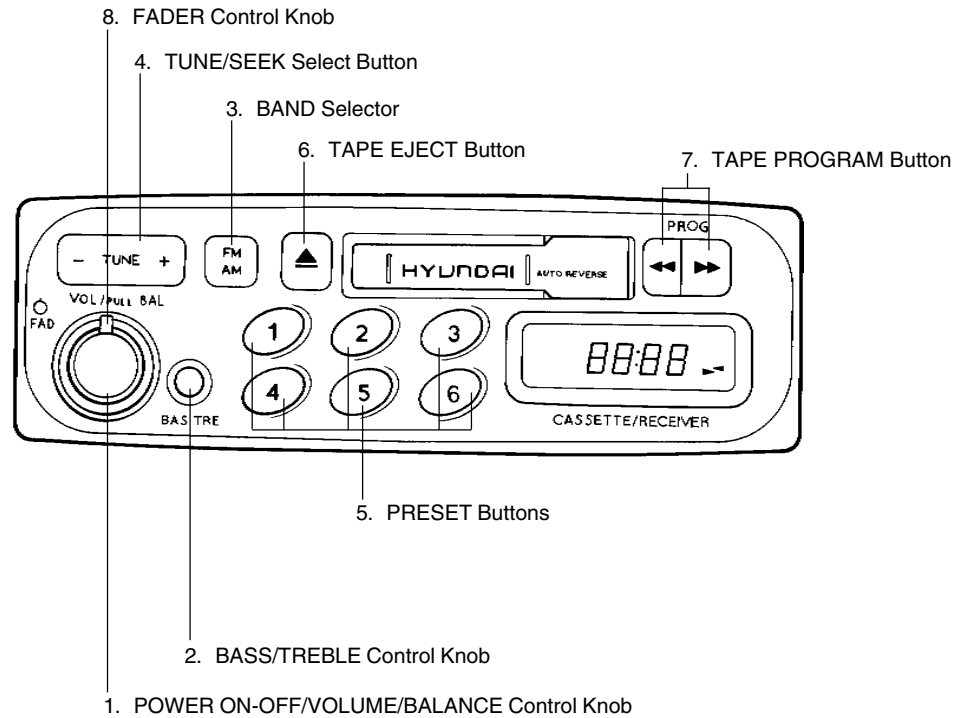
Six AM and twelve FM stations may be programmed into the memory of the radio. Then, by simply pressing the band select button and/or one of the six station select buttons, you may recall any of these stations instantly. To program the stations, follow these steps:

- o Press band selector to set the band for AM, FM and FM2.
- o Select the desired station to be stored by seek, scan or manual tuning.
- o Determine the preset station select button you wish to use to access that station.
- o Press the station select button for more than two seconds. A select button indicator will show in the display indicating which select button you have depressed. The frequency display will flash after it has been stored into the memory. You should then release the button, and proceed to program the next desired station. A total of 18 stations can be programmed by selecting one AM and two FM stations per button.
- o When completed, any preset station may be recalled by selecting AM, FM or FM2 band and the appropriate station button.

FEATURES OF YOUR HYUNDAI

B900A02X-GAT

STEREO RADIO AND CASSETTE TAPE PLAYER OPERATION (H900) (Not all models)



B900A01X

FEATURES OF YOUR HYUNDAI

B900B02X-GAT

1. POWER ON-OFF/VOLUME CONTROL KNOB

The radio unit may be operated when the ignition key is in the "ACC" or "ON" position. Rotate the knob clockwise to switch the radio unit on and to increase the volume.

The LCD shows the radio frequency in the radio mode, or the tape direction indicator in the tape mode. Turn the knob counterclockwise to reduce the volume and to switch the radio unit off.

BAL (Balance Control) Knob

Pull and turn the control knob clockwise to emphasize right speaker sound. (Left speaker sound will be attenuated) When the control knob is turned counterclockwise, left speaker sound will be emphasized. (Right speaker sound will be attenuated)


2. BASS Control Knob

Press to pop the knob out and turn to the left or right for the desired bass tone.

TREBLE Control Knob

Further pull-lock position of popped-up knob. Turn to the left or right for the desired treble tone.

3. BAND Selector

Pressing the  button changes the AM, FM1 and FM2 bands. The mode selected is displayed on LCD.

4. TUNE (manual) Select Button

Press the (+) side or (-) side to increase or to decrease the frequency. With the button held down for 0.5 sec. or more, the stop signal (broadcasting radio wave) is ignored and channel selection continues.

SEEK Operation (Automatic Channel Selection)

Press the TUNE select button 1 sec. or more. When the (+) side is pressed, the unit will automatically tune to the next higher frequency and when the (-) side is pressed, it will automatically tune to the next lower frequency.

5. PRESET STATION SELECT Button

Six (6) stations for AM, FM and FM2 respectively can be preset in the electronic memory circuit on this unit.

HOW TO PRESET STATIONS

Six AM and twelve FM stations may be programmed into the memory of the radio. Then, by simply pressing the band select button and/or one of the six station select buttons, you may recall any of these stations instantly. To program the stations, follow these steps:

- o Press band selector to set the band for AM, FM, and FM2.
- o Select the desired station to be stored by seek, scan or manual tuning.
- o Determine the preset station select button you wish to use to access that station.
- o Press the station select button for more than two seconds. A select button indicator will show in the display indicating which select button you have depressed. The frequency display will flash after it has been stored into the memory. You should then release the button, and proceed to program the next desired station. A total of 18 stations can be programmed by selecting one AM and one FM station per button.
- o When completed, any preset station may be recalled by selecting AM, FM or FM2 band and the appropriate station button.

6. TAPE EJECT Button

To eject the tape, press the button.

7. TAPE PROGRAM

When you press the button whose arrow is in the same direction as the tape play arrow in the display the tape will advance at high speed. When you press the button whose arrow is in the opposite direction to the tape play arrow in the display the tape will rewind at high speed. To stop FF or REW action, press the opposite button. When you press two buttons simultaneously you play the reverse side of the tape

FEATURES OF YOUR HYUNDAI

and an arrow will appear in the display to show tape direction.

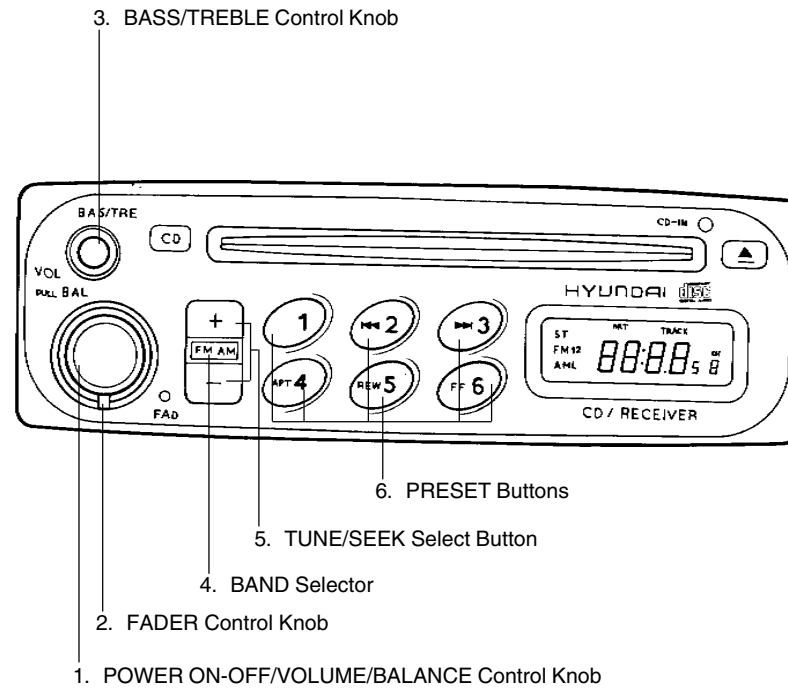
8. FAD (Fader Control) Knob

Turn the control knob clockwise to emphasize front speaker sound (Rear speaker sound will be attenuated). When the control knob is turned counterclockwise, rear speaker sound will be emphasized (Front speaker sound will be attenuated).

FEATURES OF YOUR HYUNDAI

B922A02X-GAT

STEREO RADIO OPERATION (H922M) (Not all models)



B922A01X

FEATURES OF YOUR HYUNDAI

B922B02X-GAT

1. POWER ON-OFF/VOLUME CONTROL KNOB

The radio unit may be operated when the ignition key is in the "ACC" or "ON" position. The clock will be displayed automatically, although the radio unit has gone out. Press the button to switch the power on. The LCD shows the radio frequency in the radio mode or the CD track indicator in the CD mode. To switch the power off, press the button again.

VOLUME Control

Rotate the knob clockwise to increase the volume and turn the knob counterclockwise to reduce the volume.

BALANCE Control

Pull and turn the control knob clockwise to emphasize right speaker sound. (Left speaker sound will be attenuated) When the control knob is turned counterclockwise, left speaker sound will be emphasized. (Right speaker sound will be attenuated)

2. FAD (Fader Control) Knob

Turn the control knob counterclockwise to emphasize front speaker sound. (Rear speaker sound will be attenuated) When the control knob is turned clockwise, rear speaker sound will be emphasized. (Front speaker sound will be attenuated)

3. BASS/TREBLE Control Knob

BASS Control Knob

Press to pop the knob out and turn to the left or right for the desired bass tone.

TREBLE Control Knob

Further pull-lock position of popped-up knob. Turn to the left or right for the desired treble tone.

4. BAND Selector

Pressing the **FM/AM** button changes the AM, FM1 and FM2 bands. The mode selected is displayed on LCD.

5. TUNE (Manual) Select Button

Press the (+) side or (-) side to increase or to decrease the frequency. With the button held down for 0.5 sec. or more, the stop signal (broadcasting radio wave) is ignored and channel selection continues.

SEEK Operation (Automatic Channel Selection)

Press the TUNE select button 1 sec. or more, and releasing will automatically tune the next available station. When the (+) side is pressed longer than 1 second and releasing will automatically tune the next higher frequency and when the (-) side is pressed longer than 1 second and releasing will automatically tune the next lower frequency.

6. PRESET STATION SELECT Button

Six (6) stations for AM, FM and FM2 respectively can be preset in the electronic memory circuit on this unit.

HOW TO PRESET STATIONS

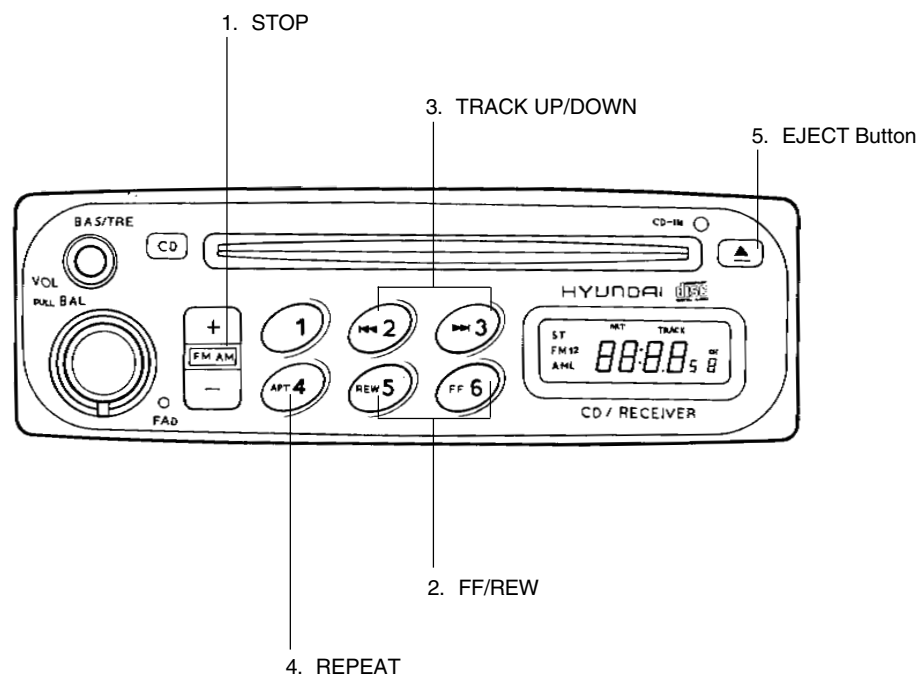
Six AM and twelve FM stations may be programmed into the memory of the radio. Then, by simply pressing the band select button and/or one of the six station select buttons, you may recall any of these stations instantly. To program the stations, follow these steps:

- o Press band selector to set the band for AM, FM, and FM2.
- o Select the desired station to be stored by seek, scan or manual tuning.
- o Determine the preset station select button you wish to use to access that station.
- o Press the station select button for more than two seconds. A select button indicator will show in the display indicating which select button you have depressed. The frequency display will flash after it has been stored into the memory. You should then release the button, and proceed to program the next desired station. A total of 18 stations can be programmed by selecting one AM and one FM station per button.
- o When completed, any preset station may be recalled by selecting AM, FM or FM2 band and the appropriate station button.

FEATURES OF YOUR HYUNDAI

B922E02X-GAT

COMPACT DISK PLAYER OPERATION (H922M) (Not all models)



B922A01X

FEATURES OF YOUR HYUNDAI

B922F01X-GAT

1. STOP

- o Insert the CD to start CD playback, during the radio operation.
- o Press the **[FM/AM]** button to stop CD playback and to change the source to Radio.

2. FF/REW

While the disc is playing, press and hold FF button to quickly move forward until you reach the desired section of the track and vice versa.

3. TRACK UP/DOWN

- o The desired track on the disc currently being played can be selected using the track number.
- o Pressing the **▶▶** button once increases the track number by one and pressing the **◀◀** button decreases it.

4. REPEAT

- o To repeat the music you are listening to, press the RPT button and to cancel music repeat, press again.

5. EJECT Button

When the EJECT button is pressed with the CD loaded, the CD is ejected.

NOTE:

- o To assure proper operation of the unit, keep the vehicle interior temperature within a normal range by using the vehicle's air conditioning or heating system.
- o When replacing the fuse, replace it with a fuse having the correct capacity.
- o The preset station frequencies are all erased when the car battery is disconnected. Therefore, all data will have to be set again if this should occur.
- o Do not add any oil to the rotating parts.
- o This equipment is designed to be used only in a 12 volt DC battery system with negative ground.
- o This unit is made of precision parts. Do not attempt to disassemble or adjust any parts.
- o When driving your vehicle, be sure to keep the volume of the unit set low enough to allow you to hear sounds coming from the outside.
- o Do not expose this equipment (including the speakers and tape) to water or excessive moisture.

FEATURES OF YOUR HYUNDAI

B922G01A-GAT

AUDIO FAULT CODE

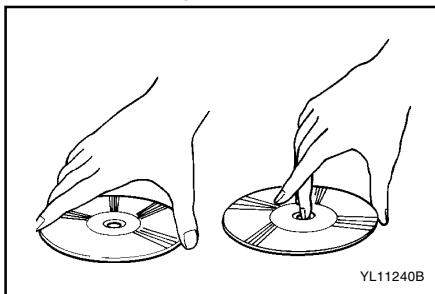
If you see any error indication in the display while using the CD or Tape mode, find the cause in the chart below. If you cannot clear the error indication, take the car to your Hyundai dealer.

INDICATION	CAUSE	SOLUTION
Er2	CDP DECK MECHANICAL ERROR (EJECT ERROR, LOADING ERROR)	AFTER RESETTING THE AUDIO, PUSH THE EJECT BUTTON. IF DISC IS NOT EJECTED, CONSULT YOUR HYUNDAI DEALER.
Er3	FOCUS ERROR DATA READ ERROR	MAKE SURE THE DISC IS NOT SCRATCHED OR DAMAGED. PRESS THE EJECT BUTTON AND PULL OUT THE DISC. THEN INSERT A NORMAL CD DISC.
Er6	DISC ERROR	CHECK IF THE DISC IS INSERTED CORRECTLY IN THE CD PLAYER. MAKE SURE THE DISC IS NOT SCRATCHED OR DAMAGED.

FEATURES OF YOUR HYUNDAI

B850A01F-AAT

CARE OF DISC Proper Handling



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

Damaged Disc

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

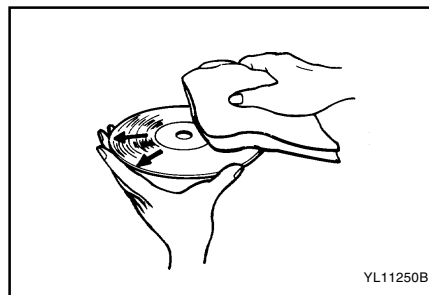
Storage

When not in use, place your discs in their individual case and store them in a cool place away from the sun, heat, and dust. Do not grip or pull out the disc with your hand

while the disc is being pulled into the unit by the Self Loading mechanism.

Do not pull the unit from the dash immediately after a disc is inserted or the Eject Switch has been pressed. If the unit is pulled out before an operation is completed, the disc will be unstable in the unit and may be damaged. Do not attempt to insert a disc into the unit when the unit is out of the dash or the power is off.

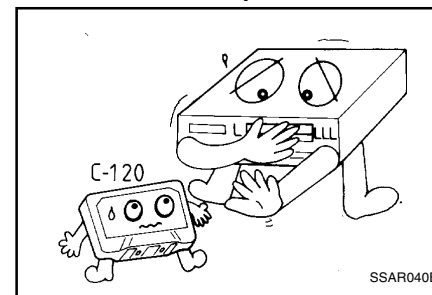
Keep Your Discs Clean



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

SR040B1-E

Care of Cassette Tape

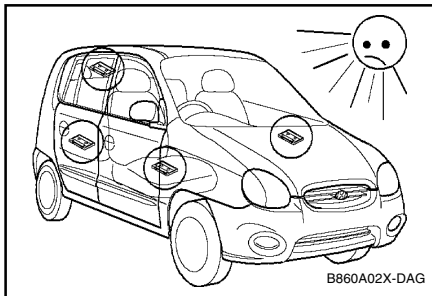


In order to ensure maximum life from cassette tapes, the following points should be observed.

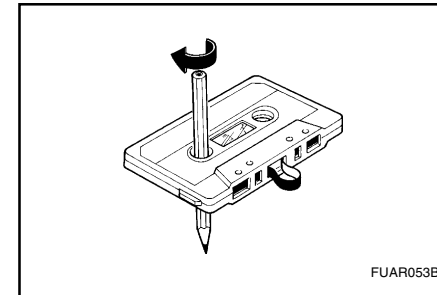
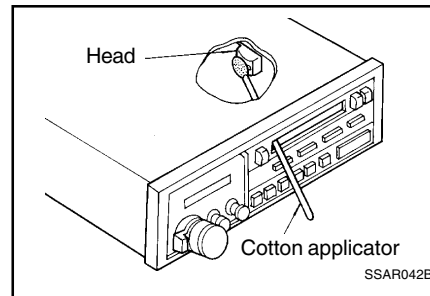
- o Always return cassettes to the storage box after use.
- o Never leave cassettes exposed to sunlight, dampness or extreme temperatures.
- o Never leave cassettes in the tape player when not in use.
- o Ensure that the cassette label is not loose or peeling.

FEATURES OF YOUR HYUNDAI

- o Avoid the use of C120 cassettes since the tape is very thin and may give rise to operational difficulty.
- o Do not store cassettes in the vicinity of sources of magnetism such as loudspeakers, electric motors, etc.
- o Avoid repeatedly playing one section of a given tape, since poor tape winding may result. (Fast winding the tape from end to end several times may relieve this situation should it occur).



- o To avoid a build up of tape residue on the playback head, pinch roller and capstan, clean these monthly using a proprietary head cleaning tape or a purpose made head cleaning solution applied with a cotton bud.
- o Always remove slack from cassettes before playing, by rotating a pencil inserted into the drive socket to facilitate this.
- o Do not use the cassette unit if the vehicle has been parked in extremely hot or cold ambient temperatures until the temperature inside the passenger compartment reaches normal levels.



NOTE:

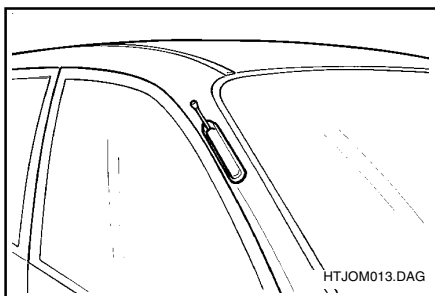
Look at a tape before you insert it. If the tape is loose, tighten it by turning one of the hubs with a pencil or your finger. If the label is peeling off, do not put it in the player. It may cause the tape to jam in the drive mechanism when you try to eject it.

Do not leave tapes sitting where they are exposed to high temperatures or, high humidity, such as on top of the dashboard or in the player. If a tape is extreme heat or cold, let it reach a moderate temperature before putting it in the player.

FEATURES OF YOUR HYUNDAI

B870C01X-GAT

ANTENNA



Your car uses a manual stainless steel antenna to receive both AM and FM broadcast signals. Pull up the antenna using your fingers, as shown in the drawing.

NOTE:

Before entering an automatic car wash or a place with a low height clearance, be sure that the antenna is fully retracted.

DRIVING YOUR HYUNDAI

ZC000A1-E

2. DRIVING YOUR HYUNDAI

C010A01A-AAT

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.

o Do not inhale exhaust fumes.

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

o Be sure the exhaust system does not leak.

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

o Do not run the engine in an enclosed area.

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

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

If it is necessary to idle the engine for a prolonged period with people inside the car, be sure to do so only in an open area with the air intake set at "Fresh" and fan operating at one of the higher speeds so fresh air is drawn into the interior. If you must drive with the tail gate open because you are carrying objects that make this necessary:

1. Close all windows.
2. Open side vents.
3. Set the air intake control at "Fresh", the air flow control at "Floor" or "Face" and the fan at one of the higher speeds.

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

DRIVING YOUR HYUNDAI

C020A01A-EAT

BEFORE STARTING THE ENGINE

Before you start the engine, you should always:

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

C030A02X-GAT

COMBINATION IGNITION SWITCH

To Start the Engine

- o If your Hyundai is equipped with a manual transaxle, place the shift lever in neutral and depress the clutch pedal fully.
- o If your Hyundai has an automatic transaxle, place the shift lever in "P" (park).

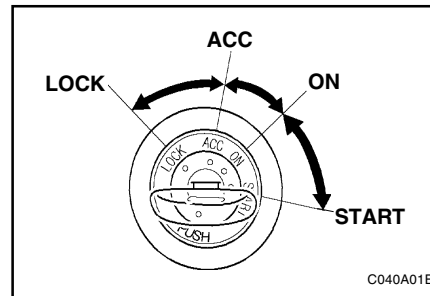
- o To start the engine, insert the ignition key and turn it to the "START" position. Release it as soon as the engine starts. Do not hold the key in the "START" position for more than 15 seconds.

NOTE:

For safety, the engine will not start if the shift lever is not in "P" or "N" Position (Auto T/A).

ZC050A2-E

KEY POSITIONS



WARNING:

The engine should not be turned off or the key removed from the ignition key cylinder while the car is in motion.

"START"

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

NOTE:

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

"ON"

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

"ACC"

With the key in the "ACC" position, the radio and other accessories may be operated.

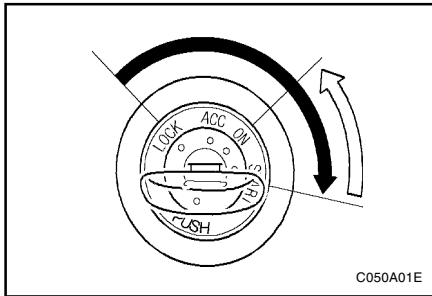
"LOCK"

The key can be removed or inserted in this position. Steering is locked by removing the key. When unlocking the steering, insert the key, and then turn the steering wheel and key simultaneously.

DRIVING YOUR HYUNDAI

C050A01A-AAT

STARTING (For Multiport Fuel Injection)



Normal starting with either a cold or warm engine is obtained without pumping or depressing the accelerator pedal. Simply turn the key to the "START" position and release when the engine starts.

After the engine has started, allow the engine to run for 10 to 20 seconds prior to placing the vehicle in gear.

The starter should not be operated for more than 15 seconds at a time. Wait 15-30 seconds between starting attempts to protect the starter from overheating.

WARNING:

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

C050B02X-GAT

Normal Conditions:

The Starting Procedure:

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

WARNING:

Be sure that the clutch is fully depressed when starting a manual transaxle vehicle. Otherwise, there is the potential to cause damage to the vehicle or injury to someone inside or outside the vehicle as a result of the forward or backward movement of the vehicle that will occur if the clutch is not depressed when the vehicle is started.

4. Turn the ignition key to the "Start" position and release it when the engine starts.

DC090C1-E

FUEL ECONOMY

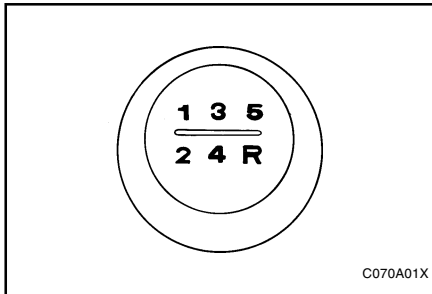
The following suggestions are made to assist in achieving the greatest degree of fuel economy.

- o Maintaining a constant check on fuel consumption will enable the most economical use pattern and driving style to be adopted.
- o Avoid using the vehicle for very short journeys if possible, particularly when a cold start is involved.
- o Ensure that tyre pressures are maintained at the correct level.
- o Use only the recommended grade of fuel.
- o Avoid carrying unnecessary weight, and if a roof rack is in use, remove it as soon as possible after use.
- o Anticipate the road and conditions ahead to enable adjustments in speed to be made smoothly. Avoid heavy acceleration and sharp braking.
- o Avoid cruising at unnecessary high speeds.
- o Always ensure that the periodic maintenance services are performed by a Hyundai dealer at the time and/or mileage intervals specified.
- o Use the air conditioner only when necessary.

DRIVING YOUR HYUNDAI

C070A03X-EAT

MANUAL TRANSAXLE



The 5 speed fully synchronized manual transaxle is controlled by a floor mounted shift lever upon which the shift pattern is indicated. Ensure that when changing gear, the clutch pedal is fully depressed before moving the shift lever.

CAUTION:

- o Do not attempt to engage reverse gear when the car is moving.
- o To avoid damaging the selector mechanism, do not use the gear shift lever as a hand rest. Release the lever immediately the shift is completed.
- o To avoid premature clutch wear, do not use the clutch pedal as a foot rest, and do not hold the vehicle on a gradient using the clutch.

- o Ensure that the engine is not over-revved by upshifting.
- o Do not coast with the shift lever at the neutral position.
- o When descending long gradients, make use of the engine braking to assist the footbrake to avoid brake fade or overheating.
- o When slippery conditions are encountered, increased caution should be executed when gear changing, braking or accelerating. Abrupt changes in speed may cause a loss of traction.
- o To shift into reverse, rest the lever in neutral for at least 3 seconds after your car is completely stopped. Then move the lever into the reverse position.

WARNING:

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 over revving of the engine may possibly cause engine damage.

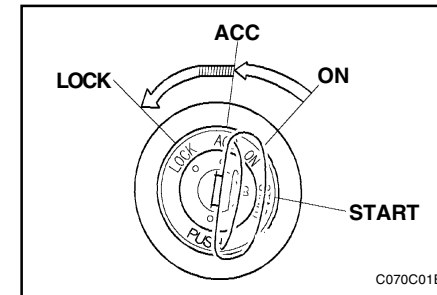
C070B01X-GAT

Using the Clutch of Manual transaxle

The clutch should be pressed all the way to the floor before shifting, then released slowly. The clutch pedal should be always used after fully returning to the original position. Do not rest your foot on the clutch pedal while driving. This can cause unnecessary wear. Do not partially engage the clutch to hold the car on an incline. This causes unnecessary wear. Use the parking brake to hold the car on an incline. Do not operate the clutch pedal rapidly and repeatedly.

ZC090D2-A

To Remove the Ignition Key



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

DRIVING YOUR HYUNDAI

C070E02-GAT

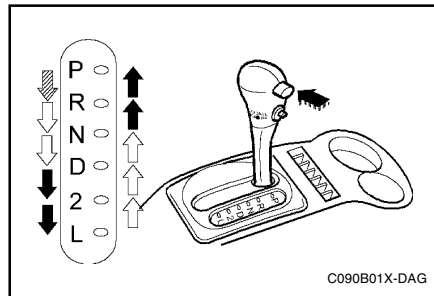
RECOMMENDED SHIFT POINTS

The following shift speeds are recommended for optimum fuel economy.

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

C090A01A-GAT

AUTOMATIC TRANSAXLE (Not all models)



The highly efficient Hyundai automatic transaxle has four forward speeds and one reverse speed. It has a conventional shift pattern as shown in the illustration. At night, with the first position of the multi-function switch, the appropriate symbol on the shift pattern indicator will be illuminated according to the range selected.

CAUTION:

Never shift into "R" or "P" position while the vehicle is moving.

NOTE:

Depress the brake pedal and push the button when shifting.

Push the button when shifting.

The selector lever can be shifted freely.

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

ZC110B1-E

SELECTOR POSITIONS

o P (Park):

With the selector in this position, no drive is transmitted from the engine and the transaxle output (and therefore the front wheels) are locked. The engine may be started with the selector in this position.

CAUTION:

The selector must NEVER be shifted to the "P" position whilst the vehicle is in motion, otherwise serious transaxle damage will result.

NOTE:

- o The ignition key can be removed with the selector in only this position. (Not all models)
- o The brake pedal fully depressed in order to move the shift lever from the "P" (Park) position to any of the other positions. (Not all models)

ZC110C1-A

o R (Reverse):

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

C090D02A-AAT

o N (Neutral)

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

CAUTION:

Do not coast with the selector at the "N" position

DRIVING YOUR HYUNDAI

SC110E1-E

o **D (Drive):**

With the selector in this position, first gear will be engaged from rest and the transaxle will automatically upshift to second, third and fourth depending upon the vehicle speed, throttle position and the position of the Overdrive switch. The engine may not be started with the selector in this position.

SC110F1-E

o **2 (Second Gear):**

With the selector in this position, first gear will be engaged from rest. The transaxle will upshift to second gear depending upon the vehicle speed and throttle position. No upshift to third or fourth will occur. The engine may not be started with the selector in this position.

CAUTION:

Do not move the selector to the 2 position when the vehicle speed is in excess of 50 m.p.h.

SC110G1-E

o **L (Low Gear):**

With the selector in this position, first gear will be engaged from rest. No upshift will occur regardless of vehicle speed and throttle opening. The engine may not be started with the selector in this position.

CAUTION:

Do not move the selector to the L position when the vehicle speed is in excess of 60 m.p.h.

C090H01E-EAT

NOTE:

- o The brake pedal should be depressed when shifting from NEUTRAL to a forward or reverse gear.
- o The brake pedal fully depressed in order to move the shift lever from the "P" (Park) position to any of the other positions.
- o It is always possible to shift from "R", "N", "D", "2", "L" position.

C090I01E-EAT

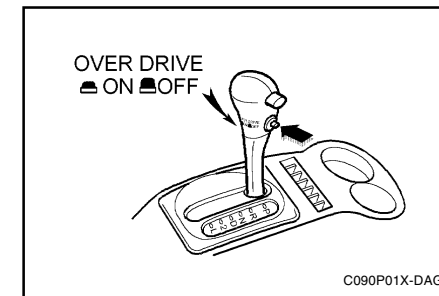
CAUTION:

- o Shift into "R" and "P" only when the vehicle has completely stopped.
- o Do not accelerate the engine in the reverse or any of the forward positions with the brakes applied.
- o Always apply the footbrake when shifting from "P" or "N", to "R", "D", "2" or "L".
- o Do not use the "P" (Park) position in place of the parking brake. Always set the park-ing brake, shift the transaxle into "P" (Park) and turn off the ignition when you leave the vehicle, even momentarily. Never leave the vehicle unattended whilst the engine is running.

- o Check the automatic transaxle fluid level regularly, and add fluid as necessary.

SC130A1-E

OVERDRIVE SWITCH



The overdrive switch prevents the transaxle upshifting higher than third gear when the switch is turned "OFF". The transaxle will start from rest in first gear and upshift to second and third gear depending upon the road speed and throttle opening but will not upshift to fourth gear. When the overdrive switch is turned "ON", the transaxle will start from rest in first gear and will upshift, depending upon road speed and throttle opening to second, third and fourth gear. Therefore, when the overdrive switch is turned "OFF", the transaxle performs as a three speed unit and the overdrive warning light located in the instrument cluster will be illuminated. When the overdrive switch is turned "ON", the transaxle functions as a fully automatic four speed unit with

DRIVING YOUR HYUNDAI

the maximum fuel economy potential of the vehicle being realized.

ZC120D1-E

General Operating Instructions

- o The button in the selector handle must be depressed before the selector can be moved.
- o The engine may only be started when the selector is at position "P" or "N".
- o Ensure that the footbrake is firmly applied when shifting from "P" or "N" to "D", "2" or "L" and vice versa.
- o Always engage the parking brake when the vehicle is unattended, never use the "P" position in place of the parking brake.
- o Under normal circumstances, the selector should be placed in the "D" position and the transaxle allowed to select the most ideal ratio for the circumstances. In this position maximum fuel economy will be achieved.
- o When descending steep gradients where engine braking is required, the selector should be placed at the "2" or "L" position depending upon the vehicle speed.
- o When ascending steep gradients and using large throttle openings, the transaxle may repeatedly change between two adjacent ratios. This is a normal characteristic and may be prevented by selecting "2" or "L" depending upon the vehicle speed.
- o Never move the selector to or from the "P" or "N" position with the accelerator depressed.

- o Ensure that the overdrive switch is at the "ON" position for maximum economy.
- o If rapid acceleration is required, fully depress the accelerator pedal. In this condition, the kickdown mechanism will be operated and the transaxle will automatically downshift according to the vehicle speed.
- o Do not depress the accelerator pedal with the brakes applied and the selector at the "R" "D" "2" or "L" position.
- o Turn the overdrive switch on for good fuel economy and smooth driving. But if engine braking is needed in the "D" range or if repeated upshifting and downshifting between the 3rd and 4th gear is needed when climbing a gentle slope, it is recommended that the overdrive switch be turned off. Turn the overdrive switch back on immediately afterward.

SC140A1-E

EFFECTIVE BRAKING

Braking system performance and friction material life are greatly affected by the driving style adopted. The following suggestions are made to assist in achieving the best results from the braking system.

- o Anticipate the road and conditions ahead in order that heavy braking may be avoided.
- o When descending long gradients, use the engine to assist in retarding the vehicle to minimize the possibility of brake fade occurring.

- o When trailer towing, ensure that the trailer brakes function correctly and use engine braking to assist the vehicle braking system.
- o Use only genuine Hyundai replacement brake pads and shoes to ensure consistent friction characteristics and wear rates.
- o After driving through deep water (e.g. fording), the brakes may become wet and performance reduced. Always check brake efficiency after emerging from the water and dry the brakes by lightly depressing the brake pedal several times whilst driving slowly.
- o Apply the parking brake only when the vehicle is at rest.
- o Since the power assistance provided by the brake servo is derived from the engine, coasting with the engine turned off or towing of the vehicle with the engine turned off will result in greatly increased pedal pressures being required to stop the vehicle.
- o 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.

YC250A1-A

ANTI-LOCK BRAKE SYSTEM (Not all models)

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

DRIVING YOUR HYUNDAI

in emergency situations or on slick roads, ABS will increase vehicle control during braking.

NOTE:

During ABS operation, a slight pulsation may be felt in the brake pedal when the brakes are applied. Also, a noise may be heard in the engine compartment while braking. These conditions are normal and indicate that the anti-lock brake system is functioning properly.

WARNING:

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

- o Driving on rough, gravel or snow-covered roads.
- o Driving with tire chains installed.
- o Driving on roads where the road surface is pitted or has different surface height.

These roads should be driven at reduced speeds. The safety features of an ABS equipped vehicle should not be tested by

high speed driving or cornering. This could endanger the safety of yourself or others.

SC150A1-F

DRIVING FOR ECONOMY

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

- o 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.
- o 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.
- o 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.
- o 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.

- o 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.
- o Keep your car in good condition. For better fuel economy and reduced maintenance costs, maintain your car in accordance with the maintenance schedule in Section 5. If you drive your car in severe conditions, more frequent maintenance is required (see Section 5 for details).
- o Keep your car clean. For maximum service, your car 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.
- o Travel lightly. Don't carry unnecessary weight in your car. Weight is an enemy of good fuel economy.
- o 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.
- o Remember, your car does not require extended warm-up. As soon as the engine is running smoothly, you can drive away. In very cold weather, however, give your engine a slightly longer warm-up period.

DRIVING YOUR HYUNDAI

- o 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 to you, 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.
- o Use your air conditioning sparingly. The air conditioning system is operated by the engine power so your fuel economy is reduced when you use it.

SC160A1-F

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.

SC170A1-E

WINTER MOTORING

The onset of winter conditions subject motor vehicles to greater operating demands. Therefore, the following suggestions will assist in maintaining peak performance and reliability during these periods:

ZC170B1-E

Electrical System

Winter conditions impose severe demands upon vehicle electrical systems, particularly the charging circuit. The battery condition and performance along with the alternator performance and drive belt condition should be checked prior to the onset of winter.

ZC170C1-E

Anti-freeze/Corrosion inhibitor

The cooling system must always contain an Ethylene-Glycol based anti-freeze solution. The system is filled during manufacture with solution of the correct strength which should be checked before the onset of winter and adjusted or changed as required.

NOTE:

The anti-freeze solution contains a corrosion inhibitor to prevent degradation of the aluminum castings contained within the engine. Therefore, never, drain the system and refill with water only.

In addition, anti-freeze solution must ALWAYS be used in vehicles fitted with air conditioning, to prevent the heater matrix from freezing and subsequently bursting with the refrigeration system in use.

ZC170D1-E

Door Locks

Should the door lock mechanism become frozen, a proprietary lock de-icer should be used. Alternatively, warming the door key may thaw the door lock. However, the key should be handled carefully to avoid burning the fingers. Never attempt to thaw a frozen door lock using hot water, since the water will eventually freeze and compound the problem.

NOTE:

The proper temperature for using the immobilizer key is from -40°F to 176°F (from -40°C to 80°C). If you heat the immobilizer key over 176°F (80°C) to open the frozen lock, it may cause damage to the transponder in its head.

ZC170E1-E

Windscreen Washers & Wipers

The windscreen washer bottle should be filled with a solution of water and a proprietary winter screen wash additive. The windscreen wipers should not be used if the blades are frozen to the windscreen or if they are covered with snow, before this is removed.

NOTE:

Never allow undiluted screen washer fluid additive to spill upon the paintwork or use engine coolant anti-freeze since damage to the paintwork may result.

DRIVING YOUR HYUNDAI

- o When driving in extreme conditions, the windscreen wiper blades may fail to clear the screen properly due to the formation of ice upon the blade edge. It will therefore be necessary to periodically remove such ice to restore their efficiency.
- o If the power operated door mirrors become frozen, attempts to adjust these may damage the mechanism.
- o The formation of snow or ice build up inside the wheel arches may interfere with the roadwheels or steering mechanism. In such instances, unusual noises or an increase in steering effort may result. Therefore, ensure that the wheelarches are checked periodically and any accumulated snow or ice removed.
- o It is advisable to carry emergency equipment including, torch, shovel, tow rope, blankets etc., if a journey is to be undertaken into areas of severe road conditions.

C190A01A-EAT

TRAILER OR VEHICLE TOWING

If you are considering towing with your car, you should first check with your Province Department of Motor Vehicles to determine their legal requirements.

Since laws vary from province to province the requirements for towing trailers, cars, or other types of vehicles or apparatus may differ. Ask your Hyundai dealer for further details before towing.

2- 10

CAUTION:

Do not do any towing with your car during its first 1,200 miles in order to allow the engine to properly break in. Failure to heed this caution may result in serious engine or transaxle damage.

C190B01S-AAT

Trailer Hitches

Select the proper hitch and ball combination, making sure that it's location is compatible with that of the trailer or vehicle being towed. Use a quality non-equalizing hitch which distributes the tongue load uniformly throughout the chassis.

The hitch should be bolted securely to the car and installed by a qualified technician. DO NOT USE A HITCH DESIGNED FOR TEMPORARY INSTALLATION AND NEVER USE ONE THAT ATTACHES ONLY TO THE BUMPER.

C190C01X-GAT

Trailer Brakes

If your trailer is equipped with a braking system, make sure it conforms to federal and/or local regulations and that it is properly installed and operating correctly.

NOTE:

If you tow a trailer or vehicle, your car will require more frequent maintenance due to the additional load. See Maintenance Under Severe Usage Conditions" on page 5-4.

CAUTION:

- o Never connect a trailer brake system directly to the vehicle brake system.
- o When towing a trailer on steep grades (in excess of 12%) pay close attention to the engine coolant temperature gauge to ensure the engine does not overheat. If the needle of the coolant temperature gauge moves across the dial towards "H" (HOT), pull over and stop as soon as it is safe to do so, and allow the engine to idle until it cools down. You may proceed once the engine has cooled sufficiently.

C190D01A-GAT

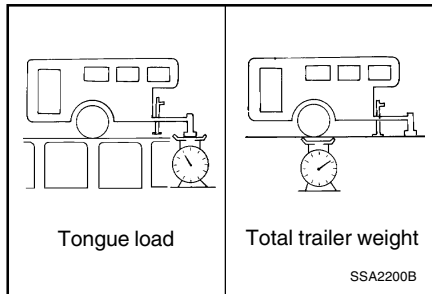
Safety Chains

Should the hitch connection between your car and the trailer or vehicle you are towing fail, the trailer or vehicle could wander dangerously across other lanes of traffic and ultimately collide with another vehicle. To eliminate this potentially dangerous situation, safety chains, attached between your car and the trailer or towed vehicle, are required in most provinces.

DRIVING YOUR HYUNDAI

C190E04X-GAT

Trailer Weight Limit



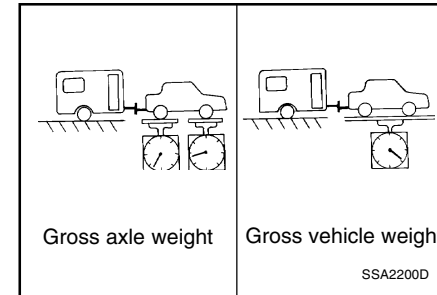
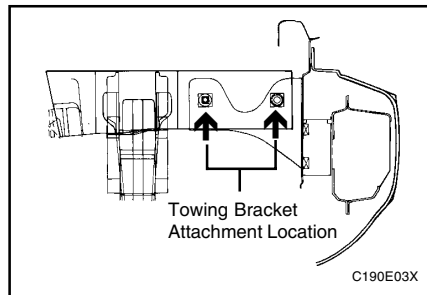
Tongue loads can be increased or decreased by redistributing the load in the trailer. This can be verified by checking the total weight of the loaded trailer and then checking the load on the tongue.

NOTE:

1. Never load the trailer with more weight in the back than in the front. About 60% of the trailer load should be in the front half on the trailer and the remaining 40% in the rear.
2. The total gross vehicle weight with trailer must not exceed the Gross Vehicle Weight Rating (GVWR) shown on the vehicle identification plate (see page 8-1). The total gross vehicle weight is the combined weight of the vehicle, driver, all passengers and their luggage, cargo,

hitch, trailer tongue load and other optional equipment.

3. The front or rear axle weight must not exceed the Gross Axle Weight Rating (GAWR) shown on the vehicle identification plate (see page 8-1). It is possible that your towing package does not exceed the GVWR but exceeds the GAWR. Improper trailer loading and/or too much luggage in the trunk can overload the rear axle. Redistribute the load and check the axle weight again.
4. The maximum permissible overhang of the coupling point : 22.44 in.
(ATOS VAN : 22.36 in.)



CAUTION:

The following specifications are recommended when towing a trailer. The loaded trailer weight cannot safely exceed the values in the chart below.

lb

	Maximum Towable Weight	
	Trailer	
	Auto Transaxle	Manual Transaxle
With Trailer Brake	881.8	1543.2
Without Trailer Brake	881.8	881.8

DRIVING YOUR HYUNDAI

WARNING:

- o The tongue load should never exceed;
Auto Transaxle : 55.1 lb
Manual Transaxle 9: 61.7 lb
- o Maximun permissible mass of the coupling device (ATOS VAN only) : 44 lb
- o Improperly loading your car and trailer can serious affect its steering and braking performance causing a crash in which you may be seriously injured or killed.

YC200E1-A

Trailer or Vehicle Towing Tips

1. Before towing, check hitch and safety chain connections as well as proper operation of the trailer running lights, brake lights, and turn signals.
2. Always drive your vehicle at a moderate speed (Less than 62 MPH).
3. Trailer towing requires more fuel than normal conditions.
4. To maintain engine braking efficiency and electrical charging performance, do not use fifth gear (manual transaxle) or overdrive (automatic transaxle).
5. Always secure items in the trailer to prevent load shift while driving.
6. Check the condition and air pressure of all tires on the trailer and your car. Low tyre pressure can seriously affect the handling. Also check the spare tyre.
7. The vehicle/trailer combination is more affected by crosswind and buffeting. When

being passed by a large vehicle, keep a constant speed and steer straight ahead. If there is too much wind buffeting, slow down to get out of the other vehicle's air turbulence.

8. When parking your car and trailer, especially on a hill, be sure to follow all the normal precautions. Turn your front wheel into the curb, set the parking brake firmly, and put the transaxle in 1st or Reverse (manual) or Park (automatic). In addition, place wheel chocks at each of the trailer's tyres.
9. If the trailer has electric brakes, start your vehicle and trailer moving, and then apply the trailer brake controller by hand to be sure the brakes are working. This lets you check your electrical connection at the same time.
10. During your trip, check occasionally to be sure that the load is secure, and that the lights and any trailer brakes are still working.
11. Avoid jerky starts, sudden acceleration or sudden stops.
12. Avoid sharp turns and rapid lane changes.
13. Avoid holding the brake pedal down too long or too frequently. This could cause the brakes to overheat, resulting in reduced braking efficiency.
14. When going down a hill, shift into a lower gear and use the engine braking effect. When ascending a long grade, downshift the transaxle to a lower gear and reduce speed to reduce chances of engine overloading and or overheating.

15. If you have to stop while going uphill, do not hold the vehicle in place by pressing on the accelerator. This can cause the automatic transaxle to overheat. Use the parking brake or footbrake.

NOTE:

When towing, check transaxle fluid more frequently.

CAUTION:

If overheating should occur when towing, (temperature gauge reads near red zone), taking the following action may reduce or eliminate the problem.

1. Turn off the air conditioner.
2. Reduce highway speed.
3. Select a lower gear when going uphill.
4. While in stop and go traffic, place the gear selection in park or neutral and idle the engine at a higher speed.

WHAT TO DO IN AN EMERGENCY

ZD000A1-E

3. WHAT TO DO IN AN EMERGENCY

DD020A1-E

IF THE ENGINE WILL NOT START

Seek assistance from the nearest Hyundai dealer with regard to the method of ignition and fuel system diagnosis.

CAUTION:

If the engine refuses to start, no attempt should be made to push or tow start the vehicle. Vehicles with automatic transaxle or fuel injection will not be able to be started in this manner since no drive is transmitted through the automatic transaxle whilst the engine is not running, and in the case of fuel injected derivatives, the fuel pump will not operate under tow start conditions. In addition, if the vehicle is equipped with an exhaust catalyst, damage to the catalyst may result if the vehicle is tow started.

DD020B1-E

IF THE ENGINE CANNOT BE CRANKED

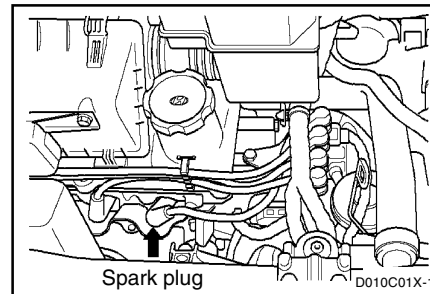
1. If the vehicle is fitted with manual transaxle ensure that the clutch pedal is depressed whilst cranking the engine. If the vehicle is

fitted with automatic transaxle ensure that the transaxle selector is at the "P" or "N" position.

2. Check the battery terminals and connections to ensure that these are clean and also tight.
3. If the ignition warning lamps dim when the engine is cranked and the battery terminals have been checked, a discharged battery is indicated.
4. Do not attempt to push or tow start the vehicle, refer to "Jump Starting" for information regarding engine starting when the battery is discharged.

ZD020C2-D

If Engine Turns Over Normally but Does Not Start



1. Check fuel level.
2. Check all connectors at coil and spark plugs. Re-connect any that may be disconnected or loose.
3. Check fuel line in the engine room.
4. If engine still refuses to start, call a Hyundai dealer or seek other qualified assistance.

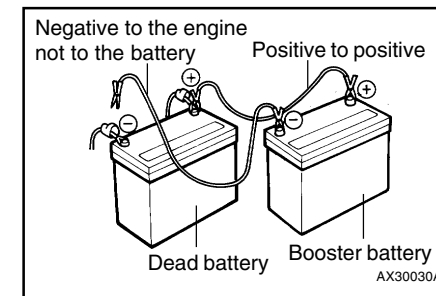
AD020D1-A

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 starting the engine again. If your vehicle will not start, see "IF THE ENGINE WILL NOT START"

DD030A1-E

JUMP STARTING



WHAT TO DO IN AN EMERGENCY

CAUTION:

Personal injury and damage to the vehicle may occur if jump starting is not performed correctly. If any doubt exists as to how this operation should be performed, seek assistance from qualified personnel.

WARNING:

Motor vehicle batteries contain sulphuric acid and emit hydrogen gas. Protective clothing should be worn and care exercised to prevent the acid from coming into contact with skin or clothing and the vehicle. Naked lights should not be permitted in the vicinity of the battery. Care should be exercised to prevent sparks occurring during connection. If acid accidentally comes into contact with skin or eyes, the affected area should immediately be flushed with copious amounts of water and medical assistance sought.

1. Ensure that the booster battery is 12 volt type. If the booster battery is installed in another vehicle, ensure that the two vehicles are not touching.
2. Turn off all unnecessary electrical equipment in both vehicles.
3. Ensure that the engine of the vehicle providing the jump start is running prior to connection of the jump cables.
4. Connect the red jump cable to the positive (+) terminal of the booster battery and the other end to the positive (+) terminal of the discharged battery.

5. Attach the black jump cable to the negative (-) terminal of the booster battery, and the other end to a ground point within the engine compartment of the vehicle with the flat battery. Do not connect to the negative battery terminal of the flat battery since sparks may be generated with the subsequent risk of explosion.
6. Raise the booster vehicle engine speed to 2,000 r.p.m. and start the engine of the vehicle with the flat battery.
7. Remove jump cables in the reverse order of installation (black cable first).

NOTE:

If the jump cable is incorrectly installed, damage to the vehicle electrical system may occur, in particular the electronic components such as the Fuel Injection system computer and the Automatic Transaxle computer. The battery must never be disconnected whilst the engine is running.

XD040A1-E

IF THE ENGINE OVERHEATS

If the temperature gauge indicates overheating:

1. Pull off the road and stop as soon as it is safe to do so.
2. Place the gear selector lever in "P" (automatic), or neutral (manual transaxle, semi-automatic transaxle) and set the parking brake. If the air conditioner is on, turn it off.

3. If coolant is running out under the car or steam is coming out from under the bonnet stop the engine. Do not open the bonnet until the coolant has stopped running or the steaming has stopped. If there is no visible loss of coolant and no steam, leave the engine running and check to be sure the engine cooling fan is operating. If the fan is not running, turn the engine off.
4. Check to see if the water pump drive belt is missing. If it is not missing, check to see that it is tight. If the drive belt seems to be satisfactory, check for coolant leaking from the radiator, hoses or under the car. (If the air conditioner had been in use, it is normal for cold water to be draining from it).

WARNING:

While the engine is running, keep 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 coolant is leaking out, stop the engine immediately and call the nearest Hyundai dealer for assistance.

WARNING:

Do not remove the radiator cap when the engine is hot since steam and boiling water may be ejected from the radiator resulting in burns or scalding.

WHAT TO DO IN AN EMERGENCY

- If the cause of the overheating cannot be found, wait until the engine temperature has returned to normal. Then, if coolant has been lost, carefully remove the radiator cap and add water to bring the fluid level in the reservoir up to the base of the radiator fill opening. Fill the coolant expansion tank to the halfway mark.
- Proceed with caution until it is established that the engine is operating normally. If the engine overheats repeatedly, the advice of a Hyundai dealer should be sought.

CAUTION:

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

ZD050A1-E

FULL-SIZED SPARE TYRE

For customer convenience and satisfaction, Hyundai has included a full-sized spare tyre and wheel.

The following instructions should be observed.

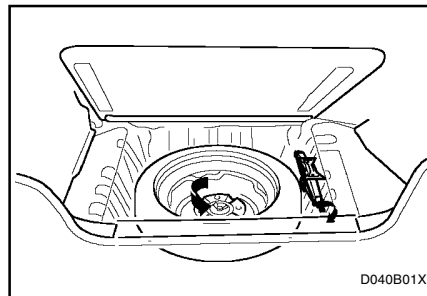
- Check inflation pressure as soon as possible after installing the spare tyre, and adjust to the specified pressure.
- The spare tyre pressure should be checked once a month while the tyre is stored.

Spare Tyre Pressure (cold)

Tyre Size	155/70 R13
Inflation Pressure	30 psi (210 kPa)

ZD050B1-E

Handling Spare Tyre



Remove the installation bolt to remove the spare tyre. To install the spare tyre, tighten the bolt firmly with your fingers until the spare tyre has no more play.

SD060A1-E

IN THE EVENT OF A PUNCTURE

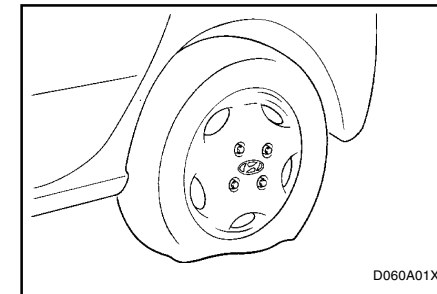
If a puncture occurs whilst driving the vehicle:

- Bring the car to rest as soon as it is safe to do so and with the minimum amount of braking required which will assist in maintaining the maximum amount of control. The vehicle should be parked wherever possible upon firm level ground to facilitate wheel changing.
- If the vehicle is creating a hazard and the road conditions do not permit the wheel to be changed safely, assistance should be sought.

- Passengers must not be allowed to remain inside the vehicle during wheel changing. If a puncture occurs whilst the vehicle is on a motorway, the passengers should take refuge on the motorway embankment to avoid the possibility of injury occurring should the vehicle be struck by other motorway traffic.
- Wheel changing should be performed according to the following instructions.

SD070A1-E

CHANGING A FLAT TYRE

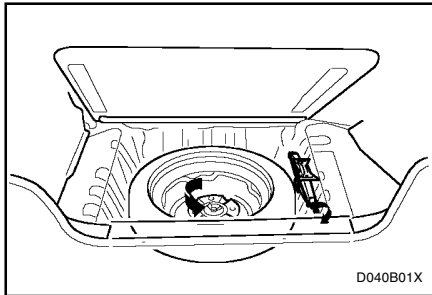


It is of the utmost importance that care is exercised when changing road wheels. Ensure that the parking brake is set and that the gear shift lever is in reverse (P, if the vehicle has automatic transaxle).

WHAT TO DO IN AN EMERGENCY

SD070B1-E

1. Obtain Spare Tyre and Tool



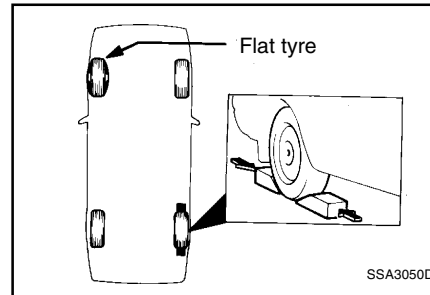
Remove the spare wheel, jack, jack handle and tool bag from the boot.

NOTE:

The jack handle is equipped on the underside of the boot luggage mat.

SD070D1-E

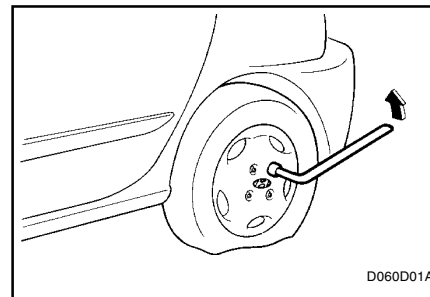
2. Block the Wheel



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

SD070E1-E

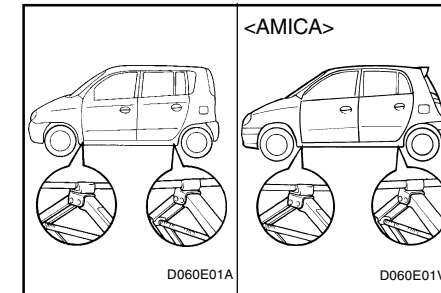
3. Loosen Wheel Nuts



The wheel nuts should be loosened slightly before raising the car. To loosen the nuts, turn the wheel brace counterclockwise. Ensure that the wheel brace socket is seated properly on the nut and that it cannot slip. Do not remove the nuts at this stage.

SD070F1-F

4. Put the Jack in Place

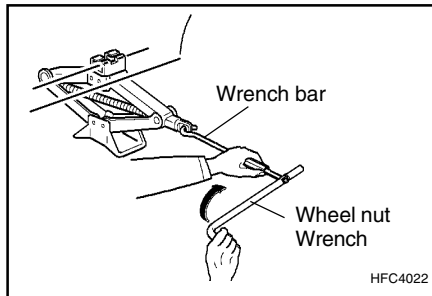


The base of the jack should be placed on firm, level ground. The jack should be positioned as shown in the drawing.

WHAT TO DO IN AN EMERGENCY

SD070G1-E

5. Raising the Car



Install the jack handle into the jack as shown in the drawing. To raise the vehicle, turn the jack handle clockwise. As the jack begins to raise the vehicle, double check that it is properly positioned and will not slip. If the jack is on soft ground or sand, it may be necessary to place a stout piece of timber under the base of the jack to prevent it from sinking.

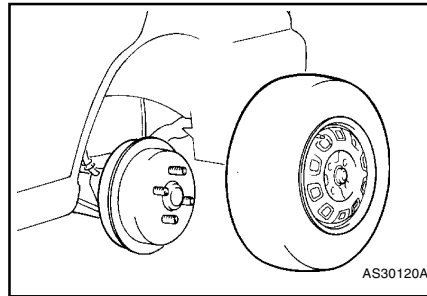
Raise the car high enough so that the fully inflated spare wheel can be installed.

WARNING:

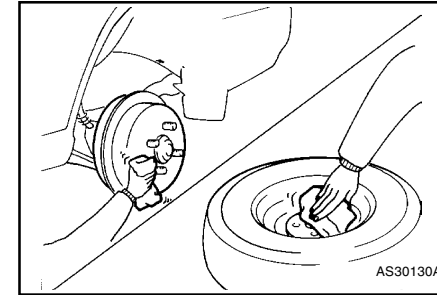
Do not get under the car when it is supported by the jack! The jack is solely designed for wheel changing and is not intended to support the vehicle for other purposes. The use of purpose designed supports is necessary whilst the vehicle is raised and the operator is required to get underneath.

SD070H1-E

6. Changing Wheels



Using the wheel brace, remove the nuts and slide the wheel off the hub and wheel studs. Lie the wheel flat to prevent it from rolling. Ensure that the faces of the wheel and hub are clean. Position the spare wheel over the studs and slide it up to the hub.



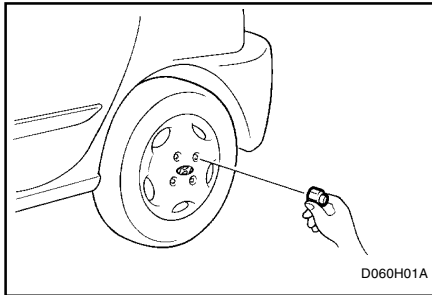
WARNING:

It is important that the faces of the wheel and hub are clean prior to installing the wheel. The presence of dirt or other matter in the wheel or hub faces could result in the wheel nuts becoming loose whilst the vehicle is being driven.

WHAT TO DO IN AN EMERGENCY

SD070I1-E

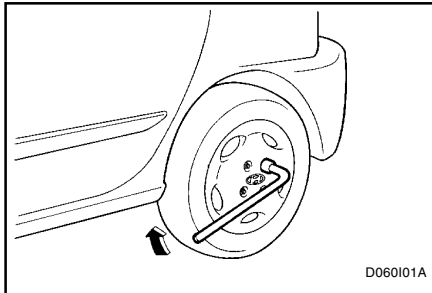
7. Re-install Wheel Nuts



Fit the wheel nuts onto the studs and tighten with the wheel brace.

XD070J1-E

8. Lower Vehicle and Tighten Nuts



Lower the car to the ground turning the jack handle counterclockwise. When the vehicle is 3-6

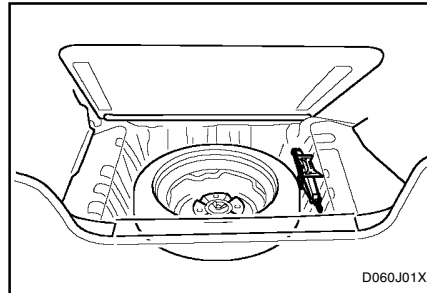
firmly on the ground, remove the jack and tighten the wheel nuts securely. At the first available opportunity, the wheel nut torque should be checked with a suitable torque wrench.

Wheel nut tightening torque

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

SD070K1-E

AFTER CHANGING WHEELS



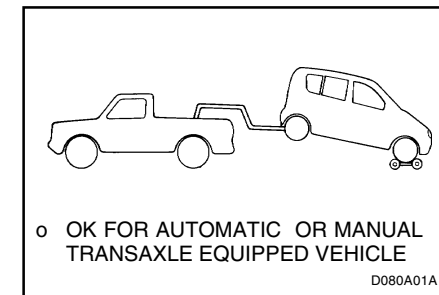
The pressure of the spare tyre should be checked at the first available opportunity. If any doubt exists as to the tyre pressure, the vehicle should be driven slowly to the nearest service station and the tyre pressure checked and adjusted as required.

If the valve cap is lost from any of the valves, a replacement should be obtained and fitted at the first available opportunity. The valve cap prevents the ingress of dirt which may cause the valve to stick and therefore leak and is part of the valve sealing function.

Ensure that the spare wheel, jack and jack handle as well tools are correctly located in the boot of the vehicle to prevent damage and noise.

SD080A1-E

VEHICLE TOWING OR RECOVERY



o OK FOR AUTOMATIC OR MANUAL
TRANSAXLE EQUIPPED VEHICLE

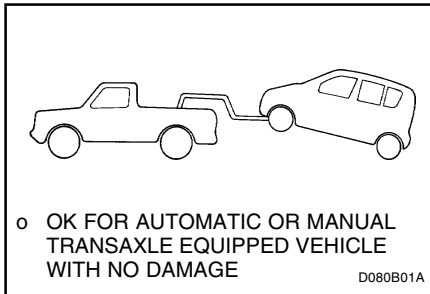
CAUTION:

An incorrect tow or recovery could result in serious damage to the vehicle. If any damage to the suspension, steering or transaxle is apparent or suspected, a towing ambulance must be used.

WHAT TO DO IN AN EMERGENCY

SD090A1-E

Manual Transaxle Vehicle



The vehicle may be towed by the conventional method using the towing eye at the front of the vehicle as an attachment point. In addition, a suspended tow with or without an ambulance may be used with either the front or the rear wheels being suspended, provided the above caution is observed.

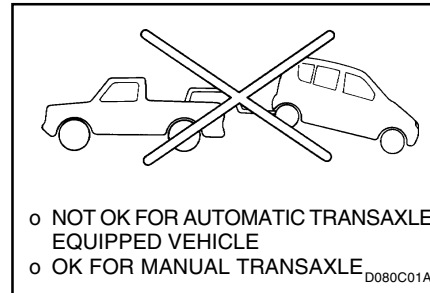
In addition, the following points must be noted:

- o If towing by conventional means, the ignition key must be at the "ACC" position, otherwise the steering lock will be activated.
- o Because the brake system and steering system power assistance is derived from the engine, the amount of effort required to stop or steer the vehicle will be greater than normal.

- o If a suspended tow is being given to the rear, the ignition key must be at the "ACC" position since the steering lock is not designed to withstand the force required to hold the front wheels straight during the tow.
- o The vehicle must not be towed with the front wheels on the ground for more than thirty miles.

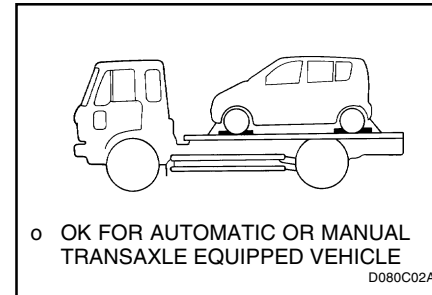
SD100A2-E

Automatic Transaxle Vehicle



The vehicle may be towed by the conventional method using the towing eye at the front of the vehicle as an attachment point.

In addition, a suspended tow may be given to the front of the vehicle without an ambulance. In the event of a suspended tow being given to the rear of the vehicle, the use of an ambulance is imperative.



CAUTION:

The following restriction must be observed in order to avoid serious damage to the transaxle.

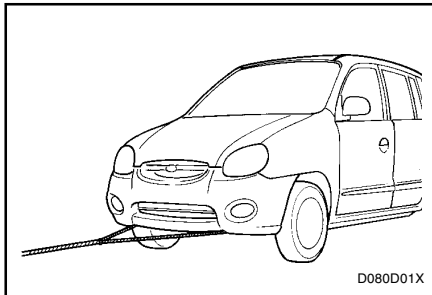
The vehicle must never be towed from the rear with the front wheels on the ground. The vehicle must not be towed until transaxle fluid has been added to bring the level up to the "HOT" marking on the dipstick. (The level will need to be reduced again after towing).

The vehicle must not be towed at speeds faster than 25 mph. or distances greater than fifty miles. The general points regarding the steering lock etc. described in the preceding section (Manual transaxle vehicle) should be observed.

WHAT TO DO IN AN EMERGENCY

D080D01X-GAT

Emergency Towing



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

D120A02A-GAT

IF YOU LOSE YOUR KEYS

Information about the key of immobilizer system will be found on page 1-2.

CORROSION PREVENTION & APPEARANCE CARE

ZE000A1-E

4. CORROSION PREVENTION & APPEARANCE CARE

ZE020A1-E

APPEARANCE CARE

In using the most advanced design and construction practices, every Hyundai is built to retain its original factory finish for many years. However, long term durability is also greatly dependant upon maintaining the various protection systems and coatings used in manufacture since constant exposure to the elements will eventually result in their breakdown and loss of effectiveness. The following suggestions are made to assist in the maintenance of the vehicle bodywork.

ZE020B1-E

Underbody Coatings

Every Hyundai passenger car receives a full underbody and cavity injection treatment during production. In order that this treatment may retain maximum effectiveness, it is recommended that the underbody receives a power wash and a thorough inspection after each winter season. In so doing any accumulations of mud, which act as moisture traps and combine with road salts to accelerate corrosion, will be re-

moved. Should any damage to or deterioration of the underbody coating be apparent, the advice of a Hyundai dealer regarding the use of a compatible repair material should be sought.

NOTE:

The underbody should never be steam cleaned since the underbody coating may be removed by this process.

During the interim period between power washing the underbody, the more vulnerable areas such as wheelarches should be hosed off, particularly during the winter season to prevent prolonged contact of road salt with the body.

Ensure that the various drain points located at bottom of the door panels are kept clear, to prevent water becoming trapped within the cavities. Wherever possible, the parking of the vehicle in a confined, poorly ventilated location (e.g.) garage should be avoided when the vehicle is wet or covered with snow or ice. Under these conditions, the internal cavities of the vehicle will remain damp for long periods of time which encourage corrosion. Parking the vehicle where good ventilation exists is preferable.

ZE020C1-E

Interior

During the winter period, it is possible that the carpet within the passenger compartment may become wet. The carpet should not be allowed to remain in this condition for prolonged periods

since the carpet may begin to create musty smells and promote internal corrosion of the floorpan.

JE050A1-E

VALETING

Regular cleaning of the exterior paintwork serves two important functions. Firstly, the removal of abrasive dirt and contaminants will maintain the lustre of the paintwork and will prevent discolouration and dulling due to prolonged contact.

Secondly, the presence of damage through impact or abrasion will be apparent allowing early rectification to be made thus preventing corrosion from becoming established and spreading beneath the paint film. To avoid "water spotting" the vehicle should not be washed in direct sunlight particularly in the case of vehicles having dark body colours. The heat from the sun rays is absorbed by the paint film increasing the surface temperature. This action causes water used for washing to evaporate quickly leaving behind the deposits from the water and the shampoo used.

Use only a shampoo intended for the purpose and ensure that the body work is thoroughly wetted to soften the dirt film prior to attempting to remove this.

After removing the dirt film with a soft sponge, the body work should be thoroughly rinsed and then dried with a good quality ch mois leather to prevent streaking or spotting of the paint work.

CORROSION PREVENTION & APPEARANCE CARE

Household detergents, solvents and abrasive cleaning materials should not be used in order to avoid damaging the paint film.

Plastic wheel covers should be cleaned using a sponge and water. Cast alloy wheels should be cleaned using a mild soap or neutral detergent. Abrasive compounds must not be used since in the event of these damaging the lacquer coating, oxidation of the aluminium wheel will occur, spoiling the appearance. The use of an a toothbrush will facilitate cleaning between the wheel "spokes".

JE060A1-E

STAIN/SPOT REMOVAL

Should tree sap, dead insects or tar prove to be difficult to remove from the paint film, turpentine or a proprietary paint cutting compound may be used. Ensure that the area to be cleaned is not rubbed intensively to prevent breaking through the colour coat and exposing the under coat.

JE070A1-E

POLISHING

The exterior paint work should be polished with a proprietary wax polish when water no longer collects in bead form on the paint work. The instructions of the product manufacturer should be adhered to.

JE080A1-E

BUMPER MAINTENANCE

The special material from which the bumpers are manufactured warrants special attention to preserve the appearance of the bumpers. Avoid contact with battery electrolyte or brake fluid and ensure that accidental spillages are immediately flushed with water.

Do not use abrasive cleaning materials which may damage the bumpers.

Avoid subjecting the bumpers to high temperatures such as may be encountered in high bake painting ovens.

JE090A1-E

ACCIDENT REPAIRS

In the event of the body work sustaining damage, the following points should be noted prior to repairs being undertaken.

If body panels are replaced or repaired, anti corrosion treatment must be applied to the repair area. The product used must be compatible with those used in manufacture. It is recommended that repairs are entrusted to a Hyundai dealer to ensure that replacement parts used are of the same high quality as those used in manufacture of the vehicle and that the correct repair methods and materials will ensure adequate levels of corrosion protection and the continued validity of the Anti Perforation Warranty.

JE100A1-E

SEAT BELTS

Seat belts should be cleaned only with a mild soap solution. Strong detergents, solvents or bleaches may damage the belt webbing and therefore reduce the effectiveness of the belt. Belts which display signs of fraying, wear or cut should be replaced.

JE110A1-E

INTERIOR VALETING

The soft trim and carpets should be maintained with the regular use of a vacuum cleaner. Heavy soiling should be removed with a dry cleaning agent recommended for this purpose following the instructions of the product manufacturer. Paint thinner, solvents or other such cleaning materials should not be used since damage to the upholstery may result.

JE120A1-E

WINDOWS

A proprietary glass cleaner should be used to clean the inside of the windows. However, the rear heated windscreen must only be cleaned using a light horizontal cleaning action. Care should be exercised to avoid the use of abrasive cleaners or contact with items of jewellery which may damage the heating elements.

VEHICLE MAINTENANCE REQUIREMENTS

ZF010A1-A

5. VEHICLE MAINTENANCE REQUIREMENTS

DF020A1-E

MAINTENANCE AND SERVICING REQUIREMENTS

To ensure the continued reliability and safety of the vehicle, certain routine maintenance operations are required at specific mileage or time intervals.

It is the responsibility of the vehicle owner to ensure that the maintenance schedules shown in both this Owners Manual and the Warranty and Service Passport are adhered to.

The new vehicle warranty may be invalidated if the routine maintenance operations are not performed in line with the recommendations outlined and the safety and durability of the vehicle adversely affected.

It is recommended that all maintenance operations with the exception of the daily operating checks are entrusted to a Hyundai dealer to ensure that the latest repair and maintenance procedures and specialized servicing tools are employed. In addition, the use of genuine Hyundai replacement parts will ensure that the vehicle safety and performance will not be compromised.

NOTE:

The inspection and testing of certain electronic fuel injection/engine management and automatic transmission control systems require specialised electronic equipment specifically designed for Hyundai vehicles. The use of general purpose electrical test equipment may result in damage to the control unit microprocessors.

SF020C1-B

Specified Scheduled Procedures

These are the procedures such as inspections, adjustments and replacements that are listed in the maintenance charts starting on page 5-2. These procedures must be performed at the intervals shown in the maintenance schedule to assure that your warranty remains in effect. Although it is strongly recommended that they be performed by the factory-trained or distributor-trained technicians at your Hyundai dealer, these procedures may be performed at any qualified service facility.

It is suggested that genuine Hyundai service parts be used for any required repairs or replacements. Other parts of equivalent quality such as engine oil, engine coolant, manual or auto transaxle oil, brake fluid and so on which are not supplied by Hyundai Motor Company or its distributor may be used without affecting your warranty coverage but you should always

be sure these are equivalent to the quality of the original Hyundai parts. Your Service Passport provides further information about your warranty coverage.

DF020F1-E

SERVICE HISTORY

It is important that all scheduled maintenance services are recorded in the warranty and service passport to ensure that proof of maintenance is available when warranty service is required.

VEHICLE MAINTENANCE REQUIREMENTS

XF040C1-E

SCHEDULED MAINTENANCE

In order to ensure the continued safety, reliability and longevity of the vehicle, the following maintenance service operations should be performed at the time or mileage intervals specified.

It is recommended that all routine maintenance services are entrusted to a Hyundai dealer to ensure that the manufacturers recommended procedures are employed and that only genuine Hyundai replacement parts are used. Incorrect maintenance techniques or the use of non genuine replacement parts may invalidate the vehicle warranty.

F030B02X-EAT

R : Replace I : Inspect and, after inspection, clean, adjust, repair or replace if necessary

No.	DESCRIPTION	MILES X 1000	10	20	30	40	50	60
		MONTHS	12	24	36	48	60	72
ENGINE CONTROL SYSTEM MAINTENANCE								
1	ENGINE OIL & FILTER (SG OR ABOVE)		R	R	R	R	R	R
2	DRIVE BELT (WATER PUMP & GENERATOR)						R	
3	FUEL FILTER (MFI)					R		
4	FUEL LINES, FUEL HOSES & CONNECTIONS		I	I	I	I	I	I
5	TIMING BELT				I		R	
6	VAPOR HOSE & FUEL FILLER CAP						I	
7	VACUUM CRANKCASE VENTILATION HOSES		I	R	I	R	I	R
8	AIR CLEANER FILTER			R		R		R
9	SPARK PLUGS							R
10	VALVE CLEARANCE			I		I		I

VEHICLE MAINTENANCE REQUIREMENTS

F030C02X-EAT

R : Replace I : Inspect and, after inspection, clean, adjust, repair or replace if necessary

NO.	DESCRIPTION	MILES X 1000	10	20	30	40	50	60
		MONTHS	12	24	36	48	60	72
GENERAL MAINTENANCE								
1	COOLING SYSTEM		I	I	I	I	I	I
2	ENGINE COOLANT				R			
3	ENGINE COOLANT SPECIFIC GRAVITY		I	I	I	I	I	I
4	MANUAL TRANSAXLE OIL		I	I	I	I	I	I
5	AUTOMATIC TRANSAXLE FLUID AND FILTER		I	I	I	I	I	R
6	BRAKE PIPES, HOSES, AND CONNECTIONS		I	I	I	I	I	I
7	BRAKE FLUID		I	R	I	R	I	R
8	CLUTCH FLUID		I	R	I	R	I	R
9	REAR BRAKE LININGS AND CYLINDERS			I		I		I
10	BRAKE PADS		I	I	I	I	I	I
11	SUSPENSION AND STEERING SYSTEM		I	I	I	I	I	I
12	FRONT SUSPENSION BALL JOINTS		I	I	I	I	I	I
13	POLLEN FILTER		R	R	R	R	R	R
14	TRANSFER CASE OIL		I	I	I	I	R	I
15	REAR AXLE OIL		I	I	I	I	R	I
16	CLEAN PROPELLAR SHAFT/RETIGHTEN BOLTS		I	I	I	I	I	I
17	REAR WHEEL BEARINGS		I	I	I	I	I	I
18	TYRE CONDITION AND PRESSURE (including Spare)		I	I	I	I	I	I
19	LUBRICATE LOCKS AND HINGES		I	I	I	I	I	I
20	CHECK ALL ELECTRICAL SYSTEMS		I	I	I	I	I	I
21	ROAD TEST		I	I	I	I	I	I
22	CHECK ALL SYSTEMS WITH HI-SCAN		I	I	I	I	I	I

VEHICLE MAINTENANCE REQUIREMENTS

F040A02X-EAT

MAINTENANCE UNDER SEVERE USAGE CONDITIONS

The following items must be serviced more frequently on cars normally used under severe driving conditions. Refer to the chart below for the appropriate maintenance intervals.

R : Replace I : Inspect and, after inspection, clean, adjust, repair or replace if necessary

MAINTENANCE ITEM	MAINTENANCE OPERATION	MAINTENANCE INTERVALS	DRIVING CONDITION
ENGINE OIL AND FILTER	R	EVERY 4,500 MILE OR 6 MONTHS	A, B, C, F, H
AIR CLEANER FILTER	R	MORE FREQUENTLY	C, E
SPARK PLUGS	R	MORE FREQUENTLY	B, H
TIMING BELT	R	EVERY 37,000 MILE OR 48 MONTHS	D, E, F, G
BRAKE PADS, CALIPERS AND ROTORS	I	MORE FREQUENTLY	C, D, G, H
REAR BRAKE DRUMS/LININGS, PARKING BRAKE	I	MORE FREQUENTLY	C, D, G, H
STEERING GEAR BOX, LINKAGE & BOOTS/LOWER ARM BALL JOINT	I	MORE FREQUENTLY	C, D, E, F
DRIVESHAFTS AND BOOTS	I	EVERY 9,000 MILE OR 12 MONTHS	C, D, E, F
MANUAL TRANSAXLE OIL TRANSAXLE OIL	R	EVERY 60,000 MILE	A, C, D, E, F, G, H, I, J
AUTOMATIC TRANSAXLE FLUID	R	EVERY 27,000 MILE	A, C, E, F, G, H, I

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 90°F (32°C)

G - Driving in mountainous areas

H - Towing a trailer

I - Driving for rental car, taxi, commercial car or vehicle towing

J - Driving over 100 MPH

VEHICLE MAINTENANCE REQUIREMENTS

F060A01A-AAT

EXPLANATION OF SCHEDULED MAINTENANCE ITEMS

F060M01A-AAT

o Engine oil and filter

The engine oil and filter should be changed at the intervals specified in the maintenance schedule. If the car is being driven in severe conditions, more frequent oil and filter changes are required.

F060B01A-AAT

o Drive belts

Inspect all drive belts for evidence of cuts, cracks, excessive wear or oil saturation and replace if necessary. Drive belts should be checked periodically for proper tension and adjusted as necessary.

F060C01A-AAT

o Fuel filter

A clogged filter can limit the speed at which the vehicle may be driven, damage the emission system and cause hard starting. If an excessive amount of foreign matter accumulates in the fuel tank, the filter may require replacement more frequently.

After installing a new filter, run the engine for several minutes, and check for leaks at the connections.

F060D01A-AAT

o Fuel lines, fuel hoses and connections

Check the fuel lines, fuel hoses and connections for leakage and damage. Replace any damaged or leaking parts immediately.

F060E01A-AAT

o Timing belt

Inspect all parts related to the timing belt for damage and deformation. Replace any damaged parts immediately.

F060G01A-AAT

o Vapour 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 vapour hose or fuel filler cap is correctly replaced.

F060F01A-AAT

o Vacuum, crankcase ventilation hoses

Inspect the surface of hoses for evidence of heat and/or mechanical damage. Hard and brittle rubber, cracking, tears, cuts, abrasions, and excessive swelling indicate deterioration. Particular attention should be paid to examine those hose surfaces nearest to high heat sources, such as the exhaust manifold.

Inspect the hose routing to assure that the hoses do not come in contact with any heat source, sharp edges or moving component which might cause heat damage or mechanical wear. Inspect all hose connections, such as clamps and couplings, to make sure they are secure, and that no leaks are present. Hoses should be replaced immediately if there is any evidence of deterioration or damage.

F060H01A-AAT

o Air cleaner filter

A Genuine Hyundai air cleaner filter is recommended when filter is replaced.

F060J01A-AAT

o Spark plugs

Make sure to install new spark plugs of the correct heat range.

F060N01X-GAT

o Valve clearances

Incorrect valve clearance will not only result in unsteady engine operation, but will also cause excessive noise and reduced engine performance. Inspect valve clearance and adjust as required while the engine is hot.

Valve-to-rocker arm clearance

Intake valves 0.008 in. (0.2 mm)

Exhaust valves 0.010 in. (0.25 mm)

VEHICLE MAINTENANCE REQUIREMENTS

F070B01A-GAT

o Cooling System

Check the cooling system part, such as radiator, coolant reservoir, hoses and connections for leakage and damage. Replace any damaged parts.

F070C01A-AAT

o Engine coolant

The coolant should be changed at the intervals specified in the maintenance schedule.

F070D01X-GAT

o Manual or semi-automatic transaxle oil

Inspect the manual or semi-automatic transaxle oil according to the maintenance schedule.

NOTE:

If the oil level is low, check for possible leaks before adding oil. Do not overfill.

F070E01X-AAT

o Automatic transaxle fluid

The fluid level should be in the "HOT" range of the dipstick, after engine and transaxle are at normal operating temperature. Check the Automatic Transaxle Fluid level with the engine running and the transaxle in neutral, with the parking brake properly applied. Use ESSO JWS3314 when adding or changing fluid.

F070F01A-AAT

o Brake hoses and lines

Visually check for proper installation, chafing, cracks, deterioration and any leakage. Replace any deteriorated or damaged parts immediately.

F070G02A-AAT

o Brake fluid

Check brake fluid level in the brake fluid reservoir. The level should be between "MIN" and "MAX" marks on the side of the reservoir. Use only hydraulic brake fluid conforming to DOT 3 or DOT 4.

F070H01A-AAT

o Rear brake drums/linings, parking brake

Check the rear brake drums and linings for scoring, burning, leaking fluid, broken parts, and excessive wear. Inspect the parking brake system including the parking brake lever and cables. For detailed service procedures, refer to the Shop Manual.

F070J01A-AAT

o Brake pads, calipers and rotors

Check the pads for excessive wear, discs for run out and wear, and calipers for fluid leakage.

F070K01A-AAT

o Exhaust pipe and muffler

Visually inspect the exhaust pipes, muffler and hangers for cracks, deterioration, or damage. Start the engine and listen carefully for any exhaust gas leakage. Tighten connections or replace parts as necessary.

F070L01A-AAT

o Suspension mounting bolts

Check the suspension connections for looseness or damage. Retighten to the specified torque.

F070M01A-AAT

o Steering gear box, linkage & boots/ lower arm ball joint

With the vehicle stopped and engine off, check for excessive free-play in the steering wheel. Check the linkage for bends or damage. Check the dust boots and ball joints for deterioration, cracks, or damage. Replace any damaged parts.

F070N01A-AAT

o Power steering pump, belt and hoses

Check the power steering pump and hoses for leakage and damage. Replace any damaged or leaking parts immediately. Inspect the power steering belt for evidence of cuts, cracks, excessive wear, oiliness and proper tension. Replace or adjust it if necessary.

VEHICLE MAINTENANCE REQUIREMENTS

F070P01A-AAT

o Driveshafts and boots

Check the drive shafts, boots and clamps for cracks, deterioration, or damage. Replace any damaged parts and, if necessary, repack the grease.

F070Q01A-AAT

o Air conditioning refrigerant

Check the air conditioning lines and connections for leakage and damage. Check air conditioning performance according to the relevant shop manual if necessary.

F070R02X-GAT

o Rear wheel bearing grease

Check rear wheel bearing grease whenever the brake drums are removed to inspect the rear brake system.

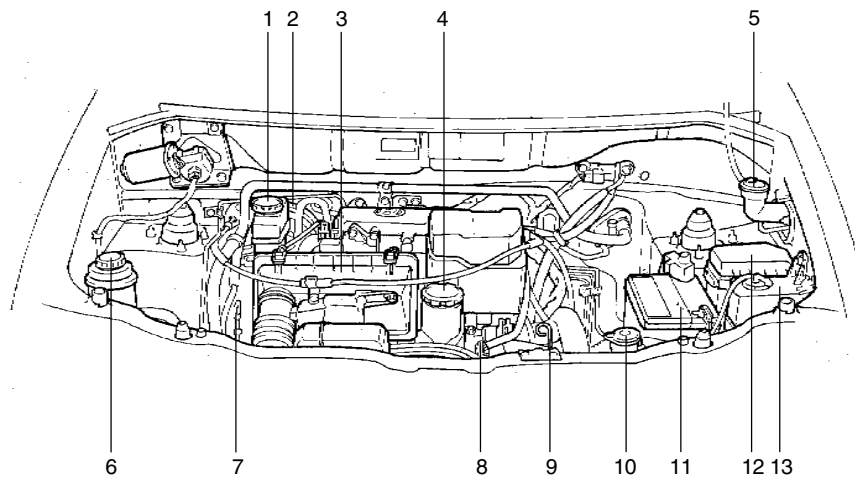
DO-IT-YOURSELF MAINTENANCE

ZG000A1-E

6. DO-IT-YOURSELF MAINTENANCE

G010A01X-EAT

ENGINE COMPARTMENT (For Multiport Fuel Injection)



- 1. Brake fluid reservoir
- 2. Brake booster
- 3. Air cleaner
- 4. Engine oil filler cap
- 5. Windscreen washer fluid reservoir cap

- 6. Power steering fluid reservoir
- 7. Engine oil level dipstick
- 8. Spark plug
- 9. Automatic transaxle fluid level dipstick
(Automatic T/A only)

- 10. Radiator cap
- 11. Battery
- 12. Relay box
- 13. Engine coolant reservoir

6

G010A03X

DO-IT-YOURSELF MAINTENANCE

ZG020B1-E

GENERAL CHECKS

Engine Compartment

The following should be checked regularly:

- o Engine oil level and condition
- o Transaxle fluid level and condition
- o Brake reservoir fluid level
- o Engine coolant level
- o Windscreen washer fluid level
- o Accessory drive belt condition
- o Coolant hose condition
- o Fluid leaks (on or below components)
- o Power steering fluid level
- o Tyre pressure and condition (including spare)
- o Battery condition

ZG020C1-A

Vehicle Exterior

The following should be checked monthly:

- o Overall appearance and condition
- o Wheel condition and wheel nut tightness
- o Exhaust system condition
- o Light condition and operation
- o Windscreen glass condition
- o Wiper blade condition
- o Paint condition and corrosion
- o Fluid leaks
- o Door and hood lock condition
- o Air filter element condition

G020C02X-GAT

Vehicle Interior

The following should be checked each time when the vehicle is driven:

- o Lights operation
- o Windscreen wipers operation
- o Horn operation
- o Defroster, heating system operation (and air conditioning, if installed)
- o Steering operation and condition
- o Mirror condition and operation
- o Turn signal operation
- o Accelerator pedal operation
- o Brake operation, including parking brake
- o Manual transaxle operation, including clutch operation
- o Automatic transaxle operation, including "Park" mechanism operation
- o Seat control condition and operation
- o Seat belt condition and operation
- o Sunvisor operation

If you notice anything that does not operate correctly or appear to be functioning correctly, inspect it carefully and seek assistance from your Hyundai dealer if service is needed.

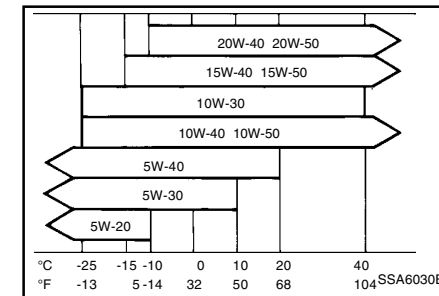
ZG030A1-A

CHECKING THE ENGINE OIL

Engine oil is essential to the performance and service of the engine. It is suggested that you check the oil level at least once a week in normal use and more often if you are on a trip or driving in severe conditions.

ZG030B1-E

Recommended Oil



SH, SG or SG/CD (API) multi-grade and fuel efficient oil is recommended.

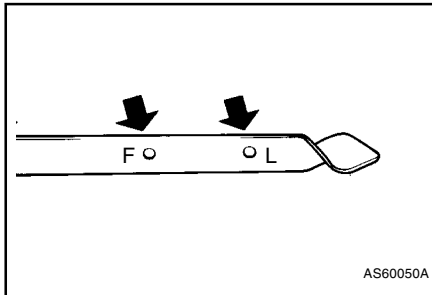
NOTE:

SAE 5W-20 is not recommended for sustained high speed vehicle operation.

DO-IT-YOURSELF MAINTENANCE

ZG030C1-A

To Check the Oil Level

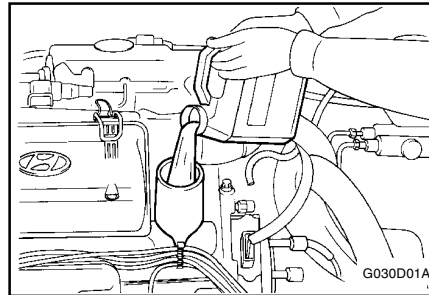


Before checking the oil, warm up the engine to normal operating temperature and be sure it is parked on level ground. Turn the engine off.

Wait a minute, then remove the dipstick, wipe it off, fully reinsert the dipstick and withdraw it again. Then note the highest level the oil has reached on the dipstick. It should be between the upper ("F") and lower ("L") range.

ZG030D1-A

Adding Oil



If the oil level is close to or below the "L" mark, add oil until it reaches the "F" mark. To add oil:

1. Remove the oil filler cap by turning it counterclockwise.
2. Add oil, then check the level again. Do not overfill.
3. Replace the cap by turning it clockwise.

The distance between the "F" and "L" marks is equal to about 1 quart of oil.

G350A01A-GAT

ENGINE OIL CONSUMPTION

Function of Engine Oil

Engine oil has the primary function of lubricating and cooling the inside of the engine.

Engine oil consumption

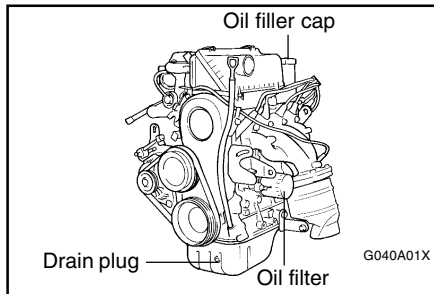
It is normal that an engine should consume some engine oil while normal driving. The cause of oil consumption in a normal engine are as follows;

- o Engine oil is used to lubricate pistons, piston rings and cylinders.
- o A thin film of oil is left on the cylinder wall when a piston moves downwards in the cylinder. High negative pressure generated during engine operation sucks some of the oil into the combustion chamber. This oil with some oil of the cylinder wall is burned by the high temperature combustion gases during the combustion process.
- o The engine oil consumption is strongly affected by the viscosity and quality of oil, engine rpm and driving condition etc. The engine oil is more consumed under severe driving conditions such as high speeds and frequent acceleration and deceleration than normal driving condition.

DO-IT-YOURSELF MAINTENANCE

G040A01X-GAT

CHANGING THE OIL AND FILTER



The engine oil and filter should be changed at those intervals specified in the maintenance schedule in Section 5. If the car is being driven in severe conditions, more frequent oil and filter changes are required.

The procedure for changing the oil and filter is as follows:

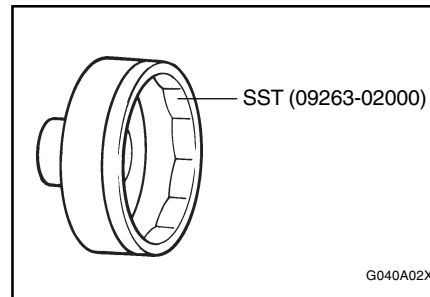
1. Park the car on level ground and set the parking brake. Start the engine and let it warm up until the needle on the coolant temperature gauge moves above the lowest mark. Turn the engine off and place the gear selector lever in "P" (automatic transaxle) or reverse gear (manual transaxle, semi-automatic transaxle).
2. Open the hood and remove the engine oil filler cap.

3. Slide underneath the car and loosen the drain plug by turning it counterclockwise with a wrench of the proper size. Be sure that a drain pan is in position to catch the oil as it drains out, then remove the drain plug.

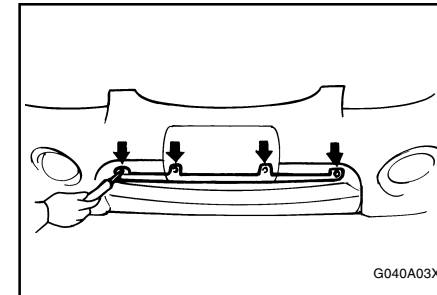
WARNING:

Be very careful when draining the engine oil as it may be hot enough to burn you!

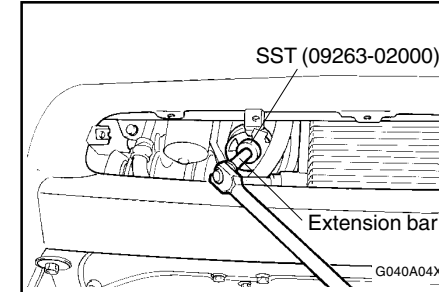
4. When the oil has stopped draining, replace the drain plug using a new washer and retighten by turning it clockwise.



5. Before removing the oil filter, prepare the special tool (oil filter wrench), extension bar and ratchet handle.

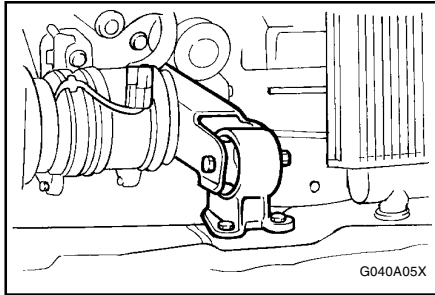


6. First, remove the vehicle number plate. Unscrew the tapping screws (4EA) and remove the front bumper grille.

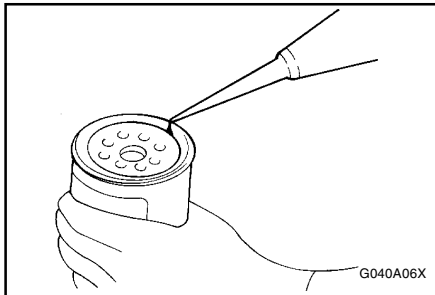


7. Using the special tool (09263-02000), remove the oil filter through the bumper hole.

DO-IT-YOURSELF MAINTENANCE

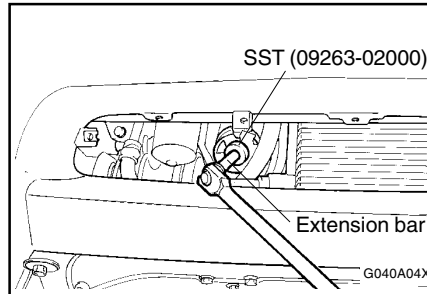


8. Before installing the new oil filter on the engine, apply clean engine oil to the surface of the rubber gasket. Temporarily tighten the oil filter by hand.



9. Using the special tool (09263-02000) and torque wrench, tighten the oil filter to the specified torque.

Tightening torque 12-16 Nm
(120-160 kg.cm, 9-12 lb.ft)



NOTE:

- o Be careful not to drop the engine oil on the rubber parts of the engine mounting insulator.
- o You can purchase the SST from your Hyundai dealer.
- o If you aren't sure how to use, consult your Hyundai dealer.

10. Refill the crankcase with the recommended engine oil. Refer to the specification in chapter 9 for engine oil capacity.
11. Start the engine and check to be sure no oil is leaking from the drain plug or oil filter.
12. Shut off the engine and recheck the oil level.

NOTE:

Always dispose of used engine oil in an environmentally acceptable manner. It is suggested that it be placed in a sealed container and taken to a service station for reclamation. Do not pour the oil on the ground or put it into the household trash.

WARNING:

Used motor oil may cause irritation or cancer of the skin if left in contact with the skin for prolonged periods of time. Wash your hands thoroughly with soap and warm water as soon as possible after handling used oil.

ZG040B1-E

Protect the Environment:

It is illegal to pollute drains, water courses or soil. Use authorized facilities for disposal. If in doubt, contact your Local Authority for advice.

ZG050A1-A

CHECKING AND CHANGING THE ENGINE COOLANT

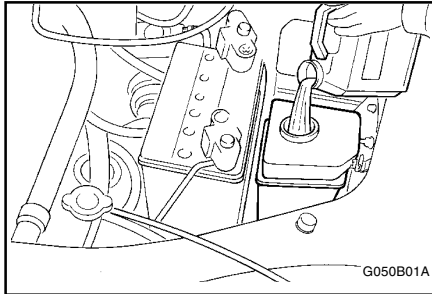
WARNING:

Do not remove the radiator cap when the engine is hot. When the engine is hot, the coolant is under pressure and may erupt through the opening if the cap is removed. You could be seriously burned if you do not observe this precaution. Do not remove the cap until the radiator is cool to the touch.

DO-IT-YOURSELF MAINTENANCE

ZG050B1-A

Recommended Coolant

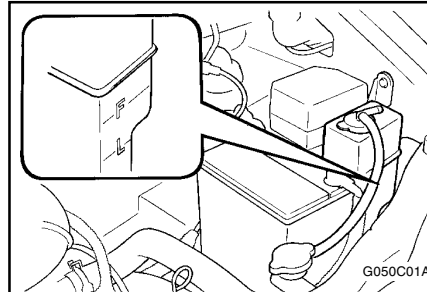


Use a high quality ethylene-glycol coolant in a 50/50 mix with water. The coolant should be compatible with aluminum engine parts. Additional corrosion inhibitors or additives should not be used. The cooling system must be maintained with the correct concentration and type of coolant to prevent freezing and corrosion. NEVER allow the concentration of antifreeze to exceed the 60% level or go below the 35% level or damage to the coolant system may result. For proper concentration when adding or replacing the coolant, refer to the following table.

Ambient temperature °F (°C)	Coolant concentration	
	Antifreeze solution	Water
5 (-15)	35%	65%
-13 (-25)	40%	60%
-31 (-35)	50%	50%
-49 (-45)	60%	40%

ZG050C1-A

To Check the Coolant Level



The coolant level can be seen on the side of the plastic coolant reservoir. The level of the coolant should be between the "LOW" and "FULL" lines on the reservoir. If the level is below the "LOW" mark, add coolant to bring it up between "LOW" and "FULL". If the level is low, inspect for coolant leaks and recheck the fluid level frequently. If the level drops again, visit your Hyundai dealer for an inspection and diagnosis of the reason.

ZG050D2-A

To Change the Coolant

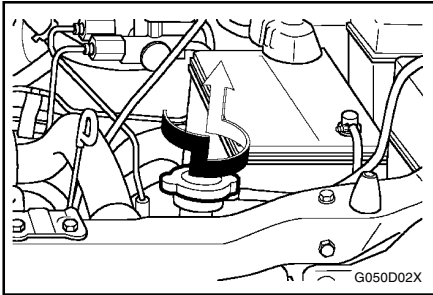
The coolant should be changed at those intervals specified in the vehicle maintenance schedule in Section 5.

NOTE:

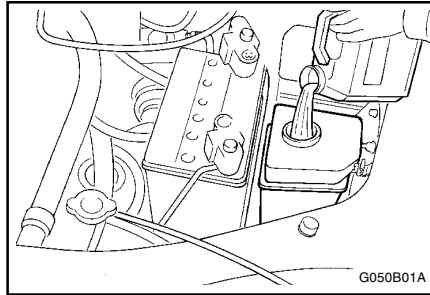
Coolant can damage the finish of your car. If you spill coolant on the car, wash it off thoroughly with clear water.

1. Park the car on level ground, set the parking brake and remove the radiator cap when cool.
2. Be sure your drain receptacle is in place. Open the drain cock on the radiator. Allow all the coolant to drain from the cooling system, then securely close the drain cock.
3. Check Section 9 for the capacity of the cooling system in your car. Then, following the manufacturer's directions on the coolant container, add the appropriate quantity of coolant to the radiator.

DO-IT-YOURSELF MAINTENANCE



4. Turn the radiator cap counterclockwise without pressing down on it, until it stops. This relieves any pressure remaining in the cooling system. And remove the radiator cap by pushing down and turning counterclockwise. Now fill the radiator with clean demineralized or distilled water. Continue to add clean demineralized or distilled water in small quantities until the fluid level stays up in the radiator neck.



5. Start the engine, top off the radiator with water and then add engine coolant to the reservoir until the level is between "LOW" and "FULL".
6. Replace the radiator and reservoir caps and check to be sure the drain cocks are fully closed and not leaking.

WARNING:

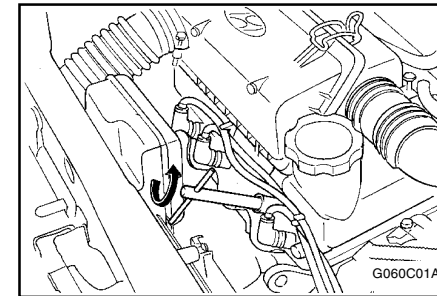
The cooling fan is controlled by engine coolant temperature and may sometimes operate even when the engine is not running. Use extreme caution when working near the blades of the cooling fan so that you are not injured by a rotating fan blade. As the engine coolant temperature decreases, the fan will automatically shut off. This is a normal condition.

AG060B1-E

SPARK PLUG REPLACEMENT

This operation should only be performed when the engine is cold.

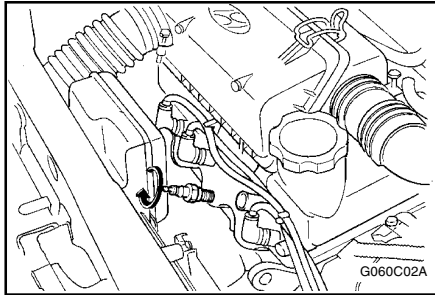
1. Remove plug lead from the spark plug to be replaced, pulling the lead by the rubber cap. (Pulling the lead may damage the carbon conductor).
2. Clean around the base of the plug to be removed, and install the plug socket ensuring that the ceramic insulator does not become damaged. Turn the socket anti-clockwise to remove the plug.



NOTE:

Spark plugs must only be cleaned using purpose designed equipment. Wire brushing may damage the centre electrode insulator causing mis-firing to occur.

DO-IT-YOURSELF MAINTENANCE

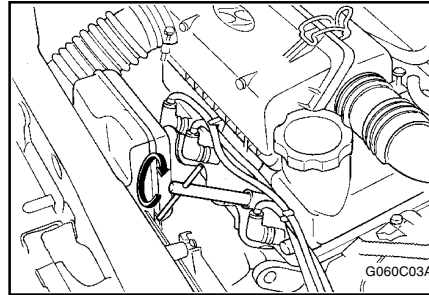


Only the correct grade of spark plug should be used. Use of an incorrect grade may result in serious engine damage.

Prior to installing a spark plug, the gap between the centre and outer electrodes must be checked and adjusted as necessary.

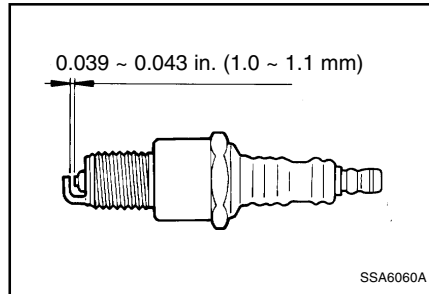
Adjustment is facilitated by bending the outer electrode towards or away from the centre electrode. Under no circumstances should attempts be made to adjust the position of the centre electrode.

3. Insert the spark plug into the cylinder head and screw by and until the plug contacts the seating area. Tighten the plug with the socket by a further 1/2 to 3/4 of a turn only.
4. Replace the plug lead ensuring that the cap is pushed firmly into place. Confirm that the cap is correctly seated by lightly pulling upon it.



ZG060A2-E

Recommended Spark Plugs (Unleaded)



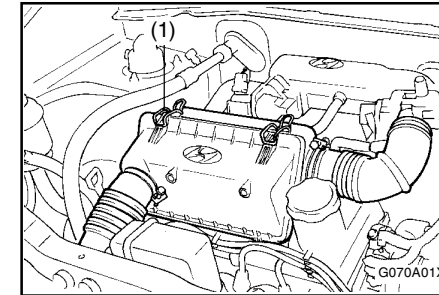
NOTE:

When replacing the spark plug, always use the genuine parts recommended.

CHAMPION : RC9YC4
RC10YC4
NGK : BKR5ES-11

G070A01X-GAT

CHANGING THE AIR CLEANER FILTER



To change the filter, loosen the clamps (1) on the cover. When this is done, the cover can be lifted off, the old filter removed and the new filter put in its place. Genuine Hyundai replacement parts are recommended.

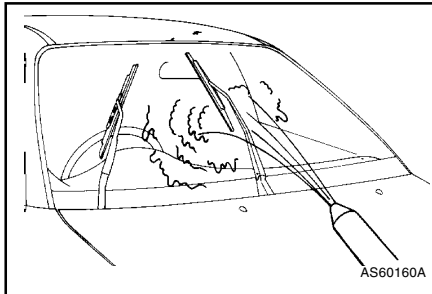
CAUTION:

Operating your vehicle without a proper air filter in place can result in excessive engine wear.

DO-IT-YOURSELF MAINTENANCE

ZG080A1-A

WINDSHIELD WIPER BLADES



The wiper blades should be carefully inspected from time to time and cleaned to remove accumulations of road film or other debris.

To clean the wiper blades and arms, use a clean sponge or cloth with a mild soap or detergent and water.

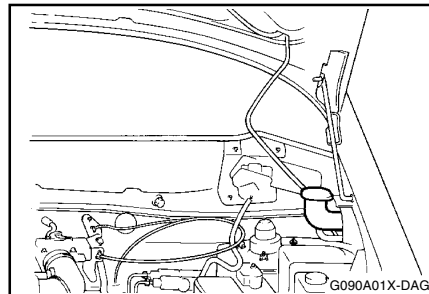
If the wipers continue to streak or smear the glass, replace them with genuine Hyundai replacement parts or their equivalent.

NOTE:

- o Do not operate the wipers on dry glass. This can result in more rapid wear of the wiper blades and may scratch the glass.
- o Keep the blade rubber out of contact with petroleum products such as engine oil, gasoline etc.

G090A01X-EAT

FILLING THE WASHER RESERVOIR



The washer fluid reservoir supplies fluid to the windshield washer system.

A good quality washer fluid should be used to fill the washer reservoir. The fluid level should be checked more frequently during bad weather or whenever the washer system is in more frequent use.

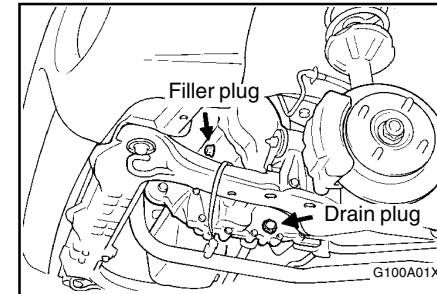
The capacity of the washer reservoir is 2.19 Imp.qts (2.5 Litres).

CAUTION:

- o Radiator antifreeze (engine coolant) should not be used in the washer system because it will damage the car's finish.
- o The washer lever should not be pulled and the washer should not be operated if the washer reservoir is empty. This can damage the washer fluid pump.

XG100A2-E

MANUAL TRANSAXLE LUBRICANT



The transaxle lubricant should be checked and/or changed at intervals specified in the maintenance schedule.

Recommended Lubricant

Use only HYUNDAI GENUINE PARTS MTF 75W/90 (API GL-4) in the manual transaxle.

CAUTION:

The transaxle lubricant level should only be checked when the engine is cold to preclude the possibility of personal injury by contact with hot components.

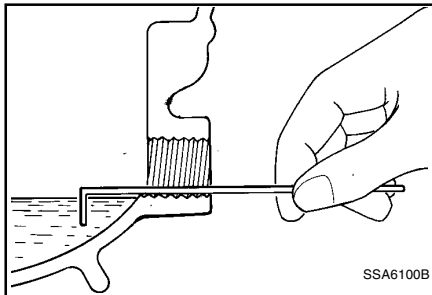
1. To check the transaxle lubricant level, the vehicle should be placed on level ground and the level plug removed with a suitable spanner.

DO-IT-YOURSELF MAINTENANCE

2. If the level is correct, lubricant should begin to drip from the plug orifice. In this case the plug should be replaced. If the level is incorrect, lubricant should be added until it begins to drip from the plug orifice at which time the plug should be replaced.

ZG100B1-A

To Check the Manual Transaxle Oil Level



Park the car on level ground with the engine off.

1. Using a wrench of the correct size, loosen the oil filler bolt turning it counterclockwise and remove it with your fingers.
2. Use your finger to feel inside the hole. The oil level should be at its bottom edge. If it is not, check for leaks before adding oil. To refill the transaxle or bring the oil level up, add oil slowly until it reaches the proper level. Do not overfill.

6-10

3. Replace the bolt, screw it in with your fingers and then tighten securely with the wrench.

G110A01A-AAT

CHECKING THE TRANSAXLE FLUID (AUTOMATIC)

Transaxle fluid in the automatic transaxle should be changed at those intervals specified in the vehicle maintenance schedule in Section 5.

G110B01X-AAT

Recommended Fluid

Your Hyundai automatic transaxle is specially designed to operate with ESSO JWS3314.

Damage caused by a nonspecified fluid is not covered by your new vehicle limited warranty.

G110C01X-EAT

Transaxle Fluid Capacity

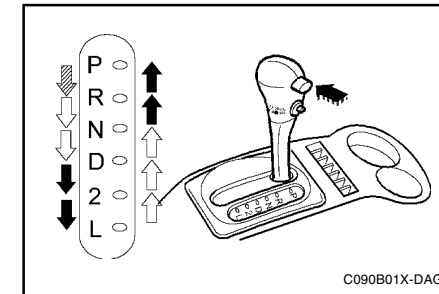
The fluid capacity of the automatic transaxle is 4.56 Imp.qts (5.2 Litres).

WARNING:

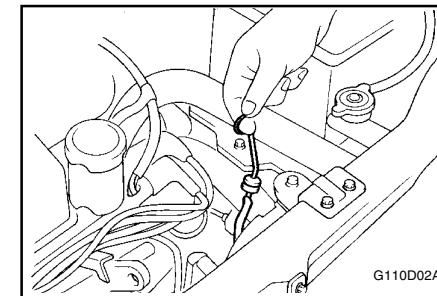
The transaxle fluid level should be checked when the engine is at normal operating temperature. This means that the engine, radiator, exhaust system etc., are very hot so you should exercise great care not to burn yourself during this procedure.

G110D01A-GAT

To Check the Transaxle Fluid Level



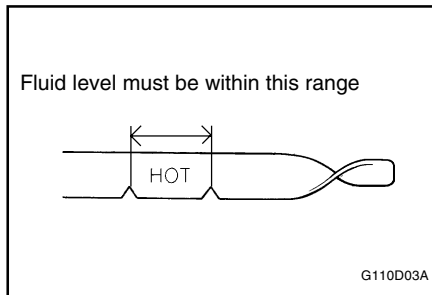
Park the car on level ground with the parking brake engaged. When the transaxle fluid level is checked, the transaxle fluid should be at normal operating temperature and the engine idling.



DO-IT-YOURSELF MAINTENANCE

While the engine is idling, apply the brakes and move the gear selector lever from "P" to each of its other positions — "R", "N", "D", "2", "L" — and then return to "N". With the engine still idling:

1. Open the hood, being careful to keep hands, long hair and clothing clear of any moving parts.
2. Remove the transaxle dipstick, wipe it clean, reinsert the dipstick as far as it will go, then remove it again. Now check the fluid level on the dipstick. It should be in the "HOT" range on the dipstick.



3. If the transaxle fluid level is low, use a funnel to add transaxle fluid through the dipstick tube until the level reaches the "HOT" range. Do not overfill.

WARNING:

The cooling fan is controlled by engine coolant temperature and may sometimes operate even when the engine is not running. Use extreme caution when working near the blades of the cooling fan, so that you are not injured by a rotating fan blade. As the engine coolant temperature decreases, the fan will automatically shut off. This is a normal condition.

NOTE:

Only lint free cloth should be used for wiping the dipstick. The presence of lint within the transaxle may cause problems with the normal function of the transaxle.

G120A01A-AAT

CHECKING THE BRAKES

CAUTION:

Because brakes are essential to the safe operation of the car, it is suggested that they be checked and inspected by your Hyundai dealer. The brakes should be checked and inspected for wear at those intervals specified in the vehicle maintenance schedule in Section 5.

G120B01A-AAT

Checking the Brake Fluid Level

WARNING:

Use caution when handling brake fluid. It can damage your vision if it gets into your eyes. It will also damage your vehicle's paint if spilled on it and not removed immediately.

G120C02A-AAT

Recommended Brake Fluid

Use only hydraulic brake fluid conforming to DOT 3 or DOT 4 specifications in your braking system. Follow the instructions printed on the container.

G120D01A-AAT

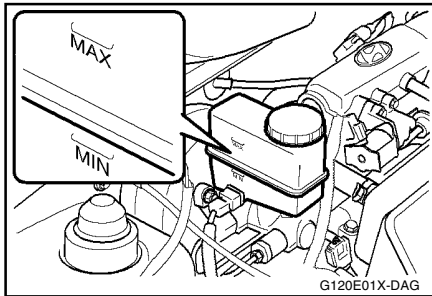
To Check the Fluid Level

The fluid level in the brake fluid reservoir should be checked periodically. The level should be between the "MIN" and "MAX" marks on the side of the reservoir. If the level is at or below the "MIN" mark, carefully add fluid to bring it up to "MAX". Do not overfill.

DO-IT-YOURSELF MAINTENANCE

G120E02A-AAT

Adding Brake Fluid



WARNING:

Handle brake fluid carefully. It can damage your vision if it gets into your eyes. Use only DOT 3 or DOT 4 specification fluid from a sealed container. Do not allow the fluid can or reservoir to remain open any longer than required. This will avoid entry of dirt and moisture which can damage the brake system and cause improper operation.

To add brake fluid, first wipe away any dirt then unscrew the fluid reservoir cap. Slowly pour the recommended fluid into the reservoir. Do not overfill. Carefully replace the cap on the reservoir and tighten.

G140A01A-AAT

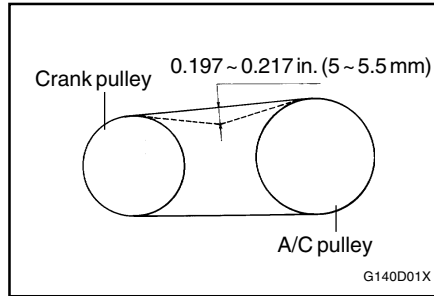
AIR CONDITIONING CARE

Keeping the Condenser Clean

The air conditioning condenser (and engine radiator) should be checked periodically for accumulation of dirt, dead insects, leaves, etc. These can interfere with maximum cooling efficiency. When removing such accumulations, brush or hose them away carefully to avoid bending the cooling fans.

G140D01X-EAT

Checking the Compressor Drive Belt



When the air conditioning is being used regularly, the compressor drive belt tension should be checked at least once a month.

To check the drive belt tension, press down on the belt halfway between the engine crankshaft and compressor pulleys. Pressing with your finger, you should not be able to deflect this belt anymore than 0.197 ~ 0.217 inches. If you have

the instruments to check it with a force of 22 lb. (98N), the deflection should be approx. 0.197 ~ 0.217 inches (5 ~ 5.5 mm). If the belt is too loose, have it adjusted by your Hyundai dealer.

ZG140C1-E

Checking the Refrigerant

1. Start the engine and let it run at fast idle for several minutes with the air conditioner set at one of its colder settings.
2. Open the hood and check two hoses by touching with your fingers. One line is the evaporator inlet, the other is the outlet. If there is a temperature difference between the two hoses, the refrigerant is low and the system should be recharged by your Hyundai dealer.

CAUTION:

Running the air conditioning system for extended periods of time with a low refrigerant level may damage the compressor.

ZG140D1-A

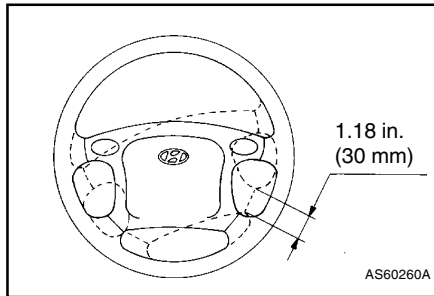
Lubrication

To lubricate the compressor and the seals in the system, the air conditioner should be run for at least 10 minutes each week. This is particularly important during cool weather when the air conditioning system is not otherwise in use.

DO-IT-YOURSELF MAINTENANCE

ZG150A1-A

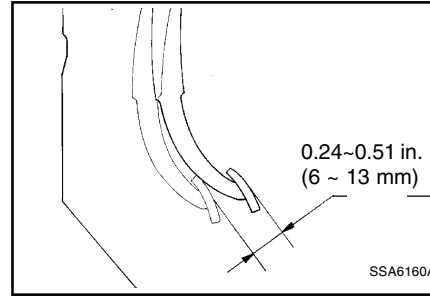
CHECKING STEERING WHEEL FREEPLAY



To check the steering wheel freeplay, stop the car with the wheels pointed straight ahead and gently move the steering wheel back and forth. Use very light finger pressure and be sensitive to changes in resistance that mark the limits of the freeplay. If the freeplay is greater than specified, have it inspected by your Hyundai dealer and adjusted or repaired if necessary.

ZG160A1-A

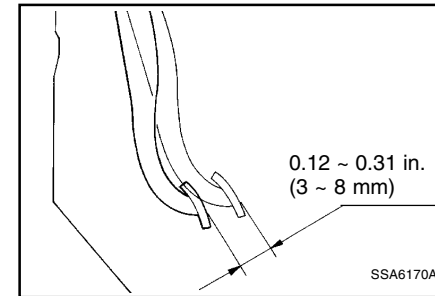
CHECKING CLUTCH PEDAL FREEPLAY



With the engine off, press lightly on the clutch pedal until you feel a change in resistance. This is the clutch pedal freeplay. The freeplay should be within the limits specified in the illustration below. If it is not, have it inspected by your Hyundai dealer and adjusted or repaired if necessary.

ZG170A1-A

CHECKING BRAKE PEDAL FREEPLAY



With the engine off, press down on the brake pedal several times to reduce the vacuum in the brake booster.

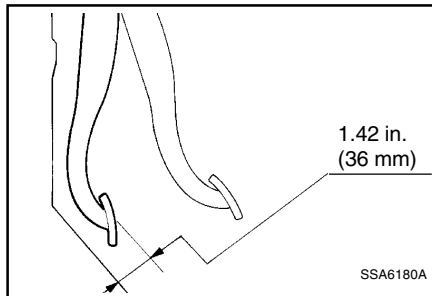
Then, using your hand, press down slowly on the brake pedal until you feel a change in resistance. This is the brake pedal freeplay.

The freeplay should be within the limits specified in the illustration below. If it is not, have it inspected by your Hyundai dealer and adjusted or repaired if necessary.

DO-IT-YOURSELF MAINTENANCE

ZG180A1-A

CHECKING BRAKE PEDAL CLEARANCE

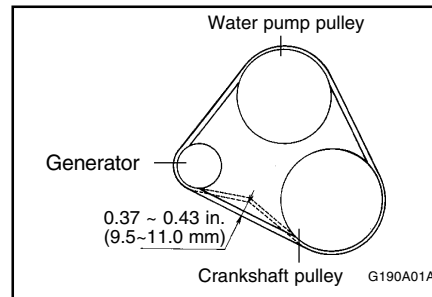


You need a helper to check the brake pedal clearance. With the engine running, have your helper press down on the brake pedal several times and then hold it down with a force of about 110 lbs (50 kg, 490 N). The brake pedal clearance is the distance from the top surface of the brake pedal to the asphalt sheeting under the floor mat.

If the brake pedal clearance is not within the limits specified in the illustration, have it inspected by your Hyundai dealer and adjusted or repaired if necessary.

ZG190A1-A

CHECKING DRIVE BELTS

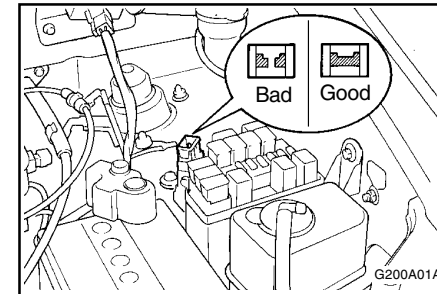


Drive belts should be checked periodically for proper tension and adjusted if necessary. At the same time, belts should be examined for cracks, wear, fraying or other evidence of deterioration and replaced if necessary.

Belt routing should also be checked to be sure there is no interference between the belts and other parts of the engine. After a belt is replaced, the new belt should be adjusted again after two or three weeks to eliminate slack resulting from initial stretching after use.

AG200A1-A

CHECKING AND REPLACING FUSES Replacing a Fusible Link



A fusible link will melt if the electrical circuits from the battery are ever overloaded, thus preventing damage to the entire wiring harness. (This could be caused by a short in the system drawing too much current.) If this ever happens, have a Hyundai dealer determine the cause, repair the system and replace the fusible link. The fusible links are located in a relay box for easy inspection.

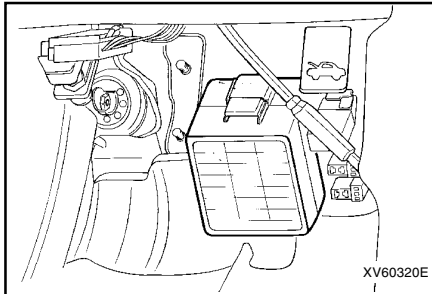
CAUTION:

When replacing a fusible link, never use anything but a new fusible link with the same or lower amperage rating. Never use a piece of wire or a higher-rated fusible link. This could result in serious damage and create a fire hazard.

DO-IT-YOURSELF MAINTENANCE

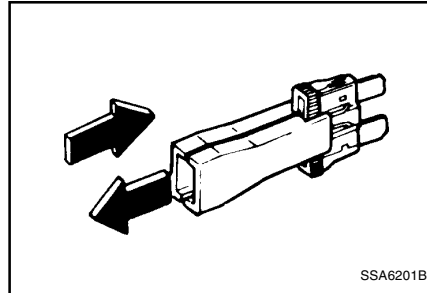
DG200B2-E

INDIVIDUAL CIRCUIT FUSES



The fuse box containing the individual circuit fuses is located on the lower portion of the dashboard adjacent to the bonnet release. The fuse box cover is opened by sliding the knob on the cover to the right. A fuse rating grid will be found on the reverse side of the cover. In the event of fuse failure, the fuse should be replaced with one of equivalent rating. A fuse removal tool is provided within the fuse box to facilitate replacement.

In the event of a replacement fuse failing shortly after installation a malfunction within the circuit protected by that fuse is indicated. The circuit should be checked by a Hyundai dealer at the first available opportunity.



WARNING:

The use of replacement fuses having a higher rating than specified or other means of connecting the circuit will create a potential fire hazard.

DG210A2-E

BATTERY MAINTENANCE

WARNING:

Motor vehicle batteries contain sulphuric acid which is corrosive and poisonous. Hydrogen gas is emitted from the battery which is explosive when combined with oxygen. The following precautions must be strictly observed to avoid personal injury or damage to the vehicle.

- o If battery electrolyte is spilled onto skin or into eyes, the effected area must be flushed with copious amounts of water and medical assistance sought.

- o If battery electrolyte is ingested, copious amounts of water or milk followed by an antacid (raw egg or milk of magnesia) must be drunk. Vomiting should not be induced and medical assistance must be sought.
- o Batteries must only be charged in well ventilated areas from which naked lights or sources of sparks are excluded.
- o Ensure that children, pets or other unauthorized persons are kept away from batteries.
- o Do not allow anything to bridge the positive (+) and negative (-) terminals of the battery.
- o Never invert the battery.

The battery fitted during production is of the "Maintenance Free" type.

G220A01A-AAT

CHECKING ELECTRIC COOLING FANS

WARNING:

The cooling fan is controlled by engine coolant temperature and may sometimes operate even when the engine is not running. Use extreme caution when working near the blades of the cooling fan, so that you are not injured by a rotating fan blade. As the engine coolant temperature decreases the fan will automatically shut off. This is a normal condition.

G220B01A-AAT

Checking Engine Cooling Fan

The engine cooling fan should come on automatically if the engine coolant temperature is high.

DO-IT-YOURSELF MAINTENANCE

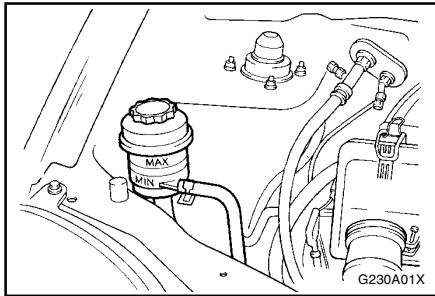
G220C01A-AAT

Checking Condenser Cooling Fan

The condenser cooling fan should come on automatically whenever the air conditioning is in operation.

G230A03A-GAT

POWER STEERING FLUID LEVEL



The power steering fluid level should be checked regularly.

To check the power steering fluid level, be sure the ignition is "OFF", then check to make certain that the power steering fluid level is between the "MAX" and "MIN" level markings on the fluid reservoir.

NOTE:

Grinding noise from the power steering pump may be heard immediately after the engine is started in extremely cold conditions (below -4°F(-20°C)). In this case, if the

noise stops during warm up, there is no abnormal function in the system. This is due to a power steering fluid characteristic in extremely cold conditions.

Recommended Fluid

Use PSF-3 type fluid.

NOTE:

Do not start the engine when the power steering oil reservoir is empty.

ZG230B1-E

POWER STEERING HOSES

It is suggested that you check the power steering hose connections for fluid leakage at those intervals specified in the vehicle maintenance schedule in Section 5.

The power steering hoses should be replaced if there is severe surface cracking, pulling, scuffing or worn spots. Deterioration of the hose could cause premature failure.

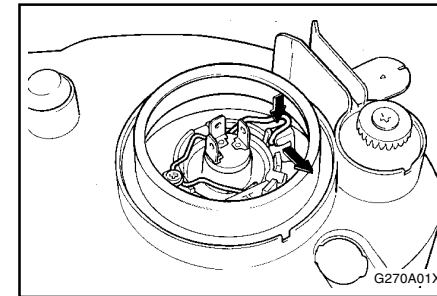
G260A01A-AAT

REPLACING LIGHT BULBS

Before attempting to replace a light bulb, be sure the switch is turned to the "OFF" position. The drawings show how to reach light bulbs so they may be changed. Be sure to replace the burned-out bulb with one of the same number and wattage rating.

G270A01X-GAT

HEADLIGHT BULB



Replacement instructions:

1. Allow the bulb to cool. Wear eye protection.
2. Always grasp the bulb by its base, avoid touching the glass.
3. Disconnect the connector, then remove the dust cover.
4. Push the bulb spring for removing the headlight bulb.
5. Remove the headlight bulb. If the bulb is burned out, replace it with the same wattage.
6. Installation is the reverse order of the removal.
7. Use the protective cap and carton to promptly dispose of the old bulb.
8. Check for proper headlight aim.

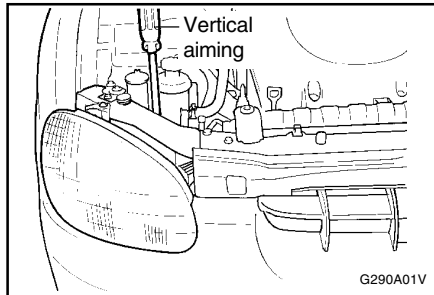
DO-IT-YOURSELF MAINTENANCE

WARNING:

The halogen bulb contains gas under pressure and if impacted could shatter, and resulting in flying fragments. Always wear eye protection when servicing the bulb. Protect the bulb against abrasions or scratches and against liquids when lighted. Turn on the bulb only when installing in a headlight. Replace the headlight if damaged or cracked. Keep the bulb out of the reach of children and dispose of the used bulb with care.

G290A01X-EAT

HEADLIGHT AIMING ADJUSTMENT

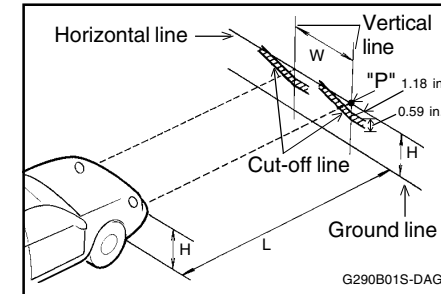


Before performing aiming adjustment, make sure of the following.

1. Keep all tires inflated to the correct pressure.
2. Place the vehicle on level ground and press the front bumper & rear bumper down several times.
3. See that the vehicle is unloaded (except for full levels of coolant, engine oil and fuel, and spare tire, jack, and tools). Have the driver or equivalent weight placed in driver's seat.
4. Clean the head lights lens and turn on the headlight (Low beam).
5. Open the bonnet.
6. Draw the vertical line (through the center of each headlight) and the horizontal line (through the centre of each headlight) on the aiming screen.
 - 1) Horizontal line dimension from ground: 25.43 in. (646 mm)
 - 2) Distance between each vertical line: 38.89 in. (988 mm)
And then, draw the parallel line at 1.18 in. (30 mm) place under the horizontal line.
7. Adjust each cut-off line of the low beam to the parallel line with a phillips screwdriver - VERTICAL AIMING
8. Adjust each cut-off line of the low beam to the each vertical line with a phillips screwdriver - HORIZONTAL AIMING.

G290B01X-EAT

Adjustment After Headlight Assembly Replacement



If the vehicle has had front body repair and the headlight assembly has been replaced, the headlight aiming should be checked using the aiming screen as shown in the illustration. Turn on the headlight switch. (Low Beam Position)

1. Adjust headlights so that main axis of light is parallel to centre line of the body and is aligned with point "P" shown in the illustration.
2. Dotted lines in the illustration show centre of headlights.

DO-IT-YOURSELF MAINTENANCE

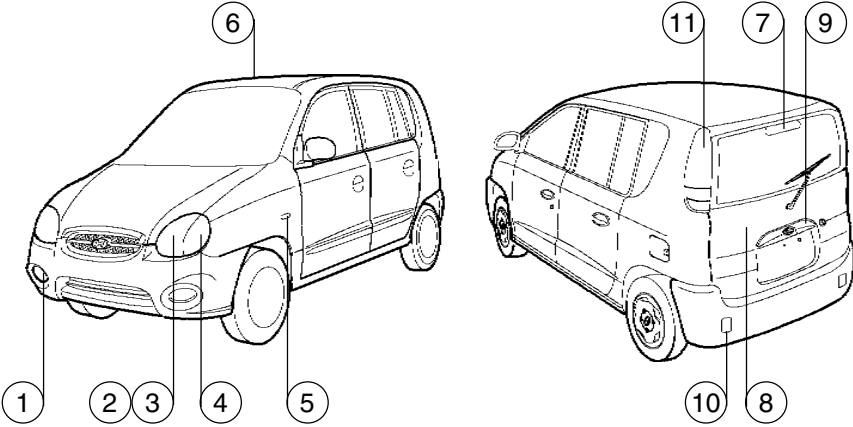
"H";
Horizontal centre line of headlights from
ground: 25.43 in. (646 mm)

"W";
Distance between each headlight centre:
38.89 in. (988 mm)

"L";
Distance between the headlights and the
wall that the lights are tested against:
118.11 in. (3,000 mm).

DO-IT-YOURSELF MAINTENANCE

G280A01X-GAT
(ATOZ)

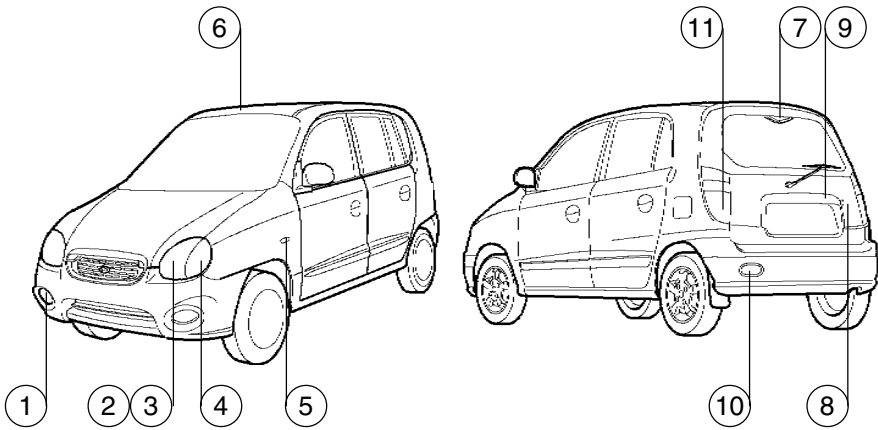


G280A02X

No.	Part Name	Wattage	No.	Part Name	Wattage
1	Front Fog Light (Not all models)	55	8	Luggage Compartment Light	5
2	Headlight	60/55	9	License Plate Light	5
3	Front Position Light	5	10	Rear Fog Light	21
4	Front Turn Signal Light	21	11	Rear Combination Light	21 21/5 21
5	Side Repeater Light (Not all models)	5		Turn Signal Light	
6	Interior Light	8		Stop/Tail Light	
7	Hlgh Mounted Rear Stop Light	21		Back-up Light	

DO-IT-YOURSELF MAINTENANCE

G280A01V-GAT
(AMICA)



G280A03V

No.	Part Name	Wattage	No.	Part Name	Wattage
1	Front Fog Light (Not all models)	55	8	Luggage Compartment Light	5
2	Headlight	60/55	9	License Plate Light	5
3	Front Position Light	5	10	Rear Fog Light	21
4	Front Turn Signal Light	21	11	Rear Combination Light	21 21/5 21
5	Side Repeater Light (Not all models)	5		Turn Signal Light	
6	Interior Light	8		Stop/Tail Light	
7	High Mounted Rear Stop Light	2.6		Back-up Light	

EMISSION CONTROL SYSTEMS

ZH000A1-A

7. EMISSION CONTROL SYSTEMS

H010A01A-GAT

EMISSION CONTROL SYSTEM (Not all models)

Your Hyundai is equipped with an emission control system to meet all requirements of the Emission prohibition rules of your province.

There are three emission control systems which are as follows.

- 1) Crankcase emission control system
- 2) Evaporative emission control system
- 3) Exhaust emission control system

In order to 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.

H010B01A-AAT

1. Crankcase Emission Control System

The Positive Crankcase Ventilation System is employed to prevent air pollution caused by

blow-by gases being emitted from the crankcase. This system supplies 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 and into the induction system.

H010C02A-GAT

2. Evaporative Emission Control System (Not all models)

The Evaporative Emission Control System is designed to prevent fuel vapors from escaping into the atmosphere.

Canister

While the engine is inoperative, fuel vapours generated inside the fuel tank are absorbed and stored in the onboard canister. When the engine is running, the fuel vapors absorbed in the canister are drawn into the induction system through the purge control solenoid valve.

Purge Control Solenoid Valve

The purge control solenoid valve is controlled by the ECM; when the engine coolant temperature is low, and during idling, it closes, so that evaporated fuel is not taken into the engine. After engine warm-up, during ordinary driving, it opens so as to introduce evaporated fuel to the engine.

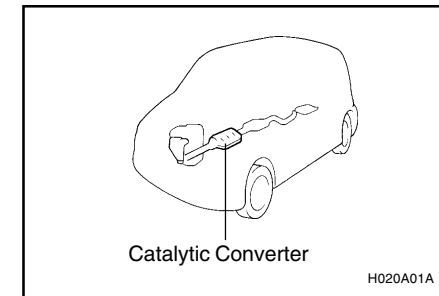
H010D01A-AAT

3. Exhaust Emission Control System

The Exhaust Emission Control System is a highly effective system which controls exhaust emission while maintaining good vehicle performance.

H020A01A-GAT

CATALYTIC CONVERTER (Not all models)



The catalytic converter is part of the exhaust emission control system. Its purpose is to remove certain engine emission products from the engine's exhaust. It looks something like a muffler and is located underneath the car in the exhaust system.

EMISSION CONTROL SYSTEMS

H020B01A-GAT

About the Catalytic Converter

Exhaust gases passing through the catalytic converter cause it to operate at very high temperatures. As a result, the introduction of large amounts of unburned gasoline may cause it to overheat and create a fire hazard. This can be avoided by observing the following:

- o Use unleaded fuel only.
 - o Maintain your engine in good condition. Extremely high converter temperatures can result from improper operation of the electrical, ignition or fuel injection systems.
 - o If your engine stalls, pings, knocks, or is hard to start, take your car to your Hyundai dealer as soon as possible and have the difficulty corrected.
 - o 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.
 - o Avoid idling the engine for periods longer than 10 minutes.
 - o Your Hyundai should not be either pushed or pulled to get it started. This can cause the catalytic converter to overload.
 - o Take care not to stop your Hyundai over any combustible material such as grass, paper, leaves or rags. As these materials could come in contact with the catalytic converter and could cause a fire.
- o Do not touch the catalytic converter or any other part of the exhaust system while the engine is running as it is very hot and could result in burns.
 - o Remember that your Hyundai dealer is your best source of assistance.

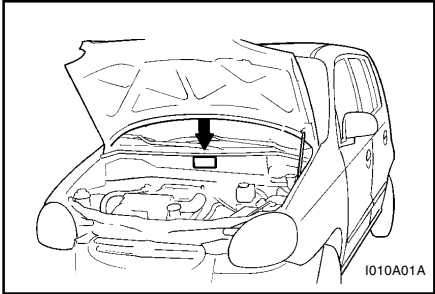
CONSUMER INFORMATION

ZI000A1-E

8. CONSUMER INFORMATION

ZI010A1-E

VEHICLE IDENTIFICATION NUMBER (VIN)

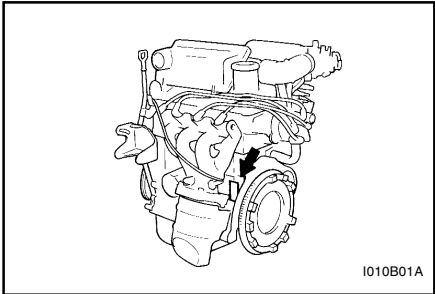


The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc.

- o On the identification plate attached to the engine side of the firewall between the engine and passenger compartments.

ZI010B1-A

Engine Number



The engine number is stamped on the engine block as shown in the drawing.

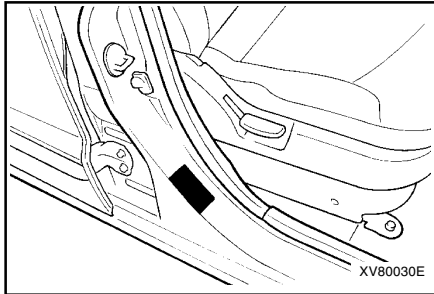
ZI010C1-E

TYRE INFORMATION

The tires supplied on your new Hyundai are chosen to provide the best performance for normal driving.

XI020A1-E

TYRE PRESSURES



In modern high-speed motoring, correct tyre pressures are vitally important. Incorrect pressures can reduce adhesion, affect the steering, and cause excessive tyre wear. Check the pressures before you start a trip, when tyres are cold. If the pressures are measured when the tyres are warm, a higher reading will be obtained.

RIM SIZE	TIRE SIZE	PRESSURE. kPa (PSI)			
		UP TO 2 PERSONS		UP TO MAX. LOAD	
		FRONT	REAR	FRONT	REAR
4.0BX13	155/70R13	207(30)	207(30)	221(32)	221(32)
4.5JX13	155/70R13	207(30)	207(30)	221(32)	221(32)
5.0JX13	175/60R13	207(30)	207(30)	221(32)	221(32)

CONSUMER INFORMATION

ZI030A1-E

SNOW TYRES

If you equip your car with snow tyres, they should be the same size and have the same load capacity as the original tyres. Do not drive faster than 60 mph when your car is equipped with snow tyres.

SI040A1-E

TYRE CHAINS

Tyre chains, if necessary, should be installed on the front wheels. Be sure that the chains are the proper size and that they are installed in accordance with the manufacturer's instructions.

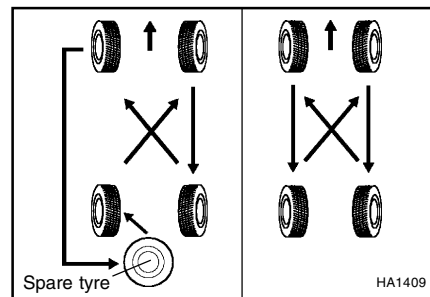
To minimize tyre and chain wear, do not continue to use tyre chains when they are no longer needed.

CAUTION:

When driving on roads covered with snow or ice, drive at less than 20 mph (30 km/h).

XI050A1-E

TYRE ROTATION



Tyre wear will vary for each wheel. In order to increase the life of each tyre and keep wear uniform, tyre rotation should be performed every 6,000 miles (10,000 km) as shown in figure.

NOTE:

Do not mix bias-ply and radial-ply tyres under any circumstances. This may cause dangerous handling characteristics.

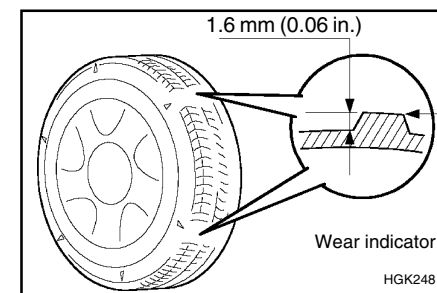
ZI060A1-E

TYRE BALANCING

A tyre that is out of balance may affect handling and tyre wear. The tyres on your Hyundai were balanced before the car was delivered but may need balancing again during the years you own the car. Whenever a tyre is dismounted for repair, it should be rebalanced.

DI060B1-E

TYRE REPLACEMENT



Tyres must be replaced when the wear indicators appear as a solid bar across the tyre tread. At this point, the remaining tread depth will be approximately 0.06 in. (1.6 mm). In addition to this, the tyre must be replaced if any portion of the tread has become bald or if there are any lumps, bulges or deep cuts in the sidewalls or tread.

Replacement tyres must be of the recommended size and rating and should be of the same manufacture and tread pattern on each axle.

CONSUMER INFORMATION

D1060C1-E

WHEEL REPLACEMENT

The original wheels may only be replaced with Hyundai Approved wheels.

CAUTION:

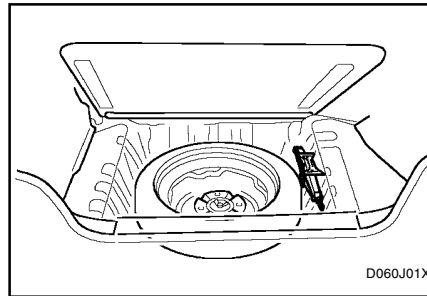
Driving on worn or defective tyres is dangerous. Worn tyres may cause loss of steering control and a serious deterioration of braking efficiency. Defective tyres may cause vibration and loss of control through blow outs.

Tyres of different size, construction or tread pattern should not be intermixed on the same axle. Radial and cross ply tyres should not be used on the same vehicle.

The use of tyres and wheels of non approved sizes can be dangerous.

I100A02A-EAT

SPARE TYRE AND TOOLS



Your Hyundai is delivered with the following:

Spare tyre and wheel
Wheel nut wrench, Wrench bar, Spanner,
Screwdriver
Jack

VEHICLE SPECIFICATIONS

ZJ000A1-A

9. VEHICLE SPECIFICATIONS

J010A02X-EAT

MEASUREMENT

in. (mm)

Overall length		137.6 (3495)
Overall width		58.9 (1495)
Overall height (unladen)	ATOZ	63.6 (1615)
	AMICA	62.2 (1580)
Wheel base		93.7 (2380)
Wheel tread	Front	51.8 (1315)
	Rear	51.2 (1300)

J020A01X-EAT

POWER STEERING

Type	Rack and pinion
Wheel free play	0 ~ 1.181 in. (0 ~ 30 mm)
Rack stroke	5.354 in. (136 mm)
Oil pump type	Vane type

J060A01X-EAT

FUEL SYSTEM

Fuel tank Capacity	Imp.gal	Litres
	7.7	35

J030A02X-EAT

TYRE

Standard	155/70 R 13
Option	175/60 R 13
Spare	Full size spare

J040A01X-GAT

ELECTRICAL

Battery	MF 12V 40AH
Alternator	13.5V 60A
Starting motor	0.8 KW

J050A02X-GAT

BRAKE

Type	Dual hydraulic with brake booster
Front brake type	Ventilated disc
Rear brake type	Drum
Parking brake	Cable operated on rear wheel

VEHICLE SPECIFICATIONS

J070A01X-GAT

ENGINE

ITEMS	Specifications
	1.0 MFI
Engine type	4-Cylinder in-line SOHC
Idle Speed (RPM)	900 ± 100
Ignition Timing (Base)	BTDC 5° ± 2°
Firing order	1 - 3 - 4 - 2

J090A02A-EAT

SPARK PLUG

ITEM	UNLEADED
Spark plug	NGK : BKR5ES-11 CHAMPION : RC9YC4, RC10YC4
Spark plug gap	0.039 ~ 0.043 in. (1.0 ~ 1.1 mm)

VEHICLE SPECIFICATIONS

J080A06X-EAT

LUBRICATION CHART

Item		Oil & Coolant Standard	Q'ty
Engine Oil	API SG OR ABOVE	SAE 20W-40, 20W-50 (ABOVE -14°F)	2.72 Imp.qts (3.26 us-qts, 3.1 litres)
		SAE 15W-40, 15W-50 (ABOVE 5°F)	
		SAE 10W-30 (-13°F ~ 104°F)	
		SAE 10W-40, 10W-50 (ABOVE -13°F)	
		SAE 5W-20 *1, *2 (BELOW 14°F)	
		SAE 5W-30 *1 (BELOW 50°F)	
		SAE 5W-40 *1 (BELOW 68°F)	
	*1. Restricted by driving condition and dealing area		
	*2. Not recommended for sustained high speed vehicle operation		
Engine oil consumption		Normal driving condition	MAX. 1L / 1500 Km
		Severe driving condition	MAX. 1L / 1000 Km
Transaxle	Manual	HYUNDAI GENUINE PARTS MTF 75W/90 (API GL-4)	2.15 Imp.qts (2.58 us-qts, 2.45 litres)
	Auto	ESSO JWS3314	4.56 Imp.qts (5.48 us-qts, 5.2 litres)
Power steering		PSF-3	As required
Brake fluid		DOT 3, DOT 4 or equivalent	As required
Engine coolant		Ethylene glycol base for aluminum radiator	3.95 Imp.qts (4.74 us-qts, 4.5 litres)

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ZK000A1-E

10. INDEX

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