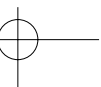
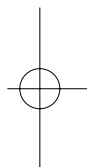
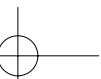
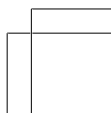


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WORD

ou with the operation and maintenance of your new
ation. We urge you to read it carefully and follow the
able, safe, and trouble-free operation of your vehicle.

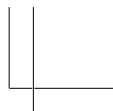
SSANGYONG dealer knows your vehicle best and is

x you for choosing **REXTON** and assure you of our
d satisfaction.

ment part of your vehicle, and must remain with the



SSANGYONG MOTOR CO., LTD.
PYUNGTAEK, KOREA



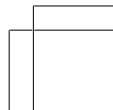
**ates a potentially
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result in minor or
es, or damage to
other property.**

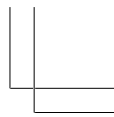
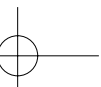
Ssangyong reserves the right to change specifications or designs at any time without notice and without incurring obligation.

**information which
with maintenance or
is concerning your**

This manual describes options and trim available at the time of publication. Some of the items covered may not apply to your vehicle. Contact your Ssangyong dealer for information on option and trim availability.

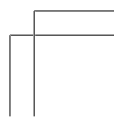
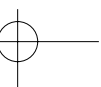
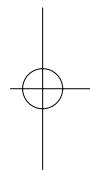
Non-Ssangyong Genuine parts and accessories have not been examined or approved by Ssangyong. We can not certify the suitability or safety of non-Ssangyong Genuine parts and accessories and are not liable for damage caused by their use.

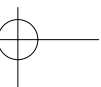
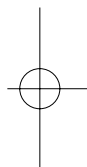
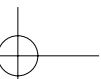




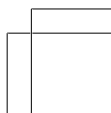
CONTENTS

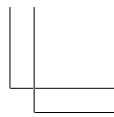
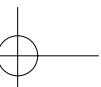
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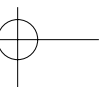
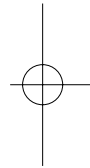
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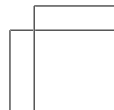


1

E DRIVING YOUR CAR



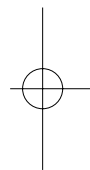
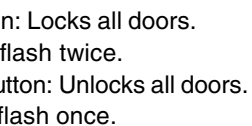
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ows, outside rear view
are clean, undamaged
l.
tion condition of tyres.
nts, switches and con-
rly.
behind the vehicle if you
erse.
vehicle for leaks.
oil level and other fluid/
e compartment.

- Be sure you understand your car and its equipment and how to operate it safely.
- Adjust your seating position.
- Adjust inside and outside mirrors.
- Ensure that all occupants of the car have fastened their seat belts.
- Check the operation of the warning lights when the ignition key is turned to “ON” position.
- Check all gauges.
- Release the parking brake and ensure that the brake warning light goes out.

Check to ensure that all light, signaling systems and warning indicators are in working order.



If the LED fails to illuminate, the transmitter can still be used for a while. However, it is an indication that a new battery is needed.

1. Unscrew the screw from the rear cover.
2. Remove the battery, taking care to avoid touching the circuit board or other components.

**transmitter wet.
the transmitter.
transmitter and re-
w, the correct code
programmed for the**

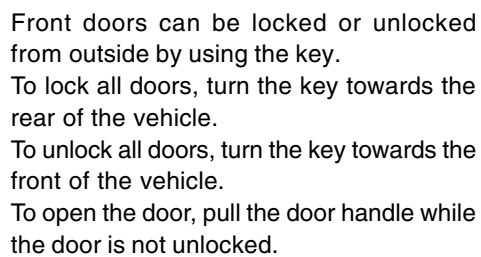
CAUTION

Do not damage the polarity.

Do not place heavy objects on it.

Do not place it away from water or light.

is wet, wipe it with
ance of REKES is
vehicle.
ted battery.
S is replaced with
the code from our
y will be reduced a
y frequently or re-
battery.
KES when all the
If a door is opened,
will not flash when
sed.



Lock all doors and tailgate when leaving the vehicle unattended.

AUTOMATIC DOOR LOCKING SYSTEM

WARNING

**Children or animals un-
vehicle.
move the vehicle
suffocated in espe-
ather.**

Automatic door locking

All the doors will be automatically locked when you drive over 50 km/h while the doors are unlocked.

Door unlocking

If you press the door unlock switch or pull the inside door handle, all the doors will be unlocked automatically (Available from driver's seat).

The doors locked by automatic door locking system will be automatically unlocked when the vehicle is over a certain speed and at the event of collision.

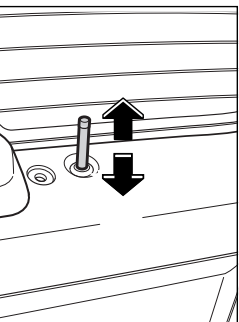
⚠ CAUTION

Automatic door locking system may not function when the door or/and body is deformed by collision.

NOTE

All doors will be automatically locked again if you drive over 50km/h when auto door locking system is released.

LOCK BUTTON



locked or unlocked from the
tailgate by pulling the tailgate lock

NOTE

**When the tailgate window will be
closed simultaneously.**

IMMOBILIZER SYSTEM*

The Immobilizer System provides an additional theft deterrent to the vehicle in which it is installed and prevents it from being started by unauthorized persons.

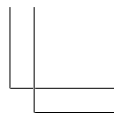
When the ignition key with integrated transponder is turned to the ON position, ECU (Engine Control Unit) checks the crypto code of key and, if correct, allow your Rexton to start the engine.

If you can not start the engine, have the system checked by Ssangyong Dealer.

The valid key for a vehicle equipped with a Immobilizer System is a mechanical ignition key with integrated transponder, which is electronically coded. The transponder is placed invisibly in the ignition key.

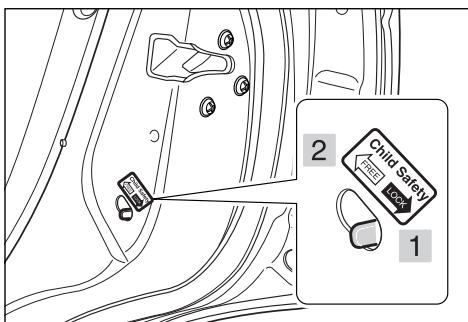
Only valid ignition keys can be used to start the engine.

The immobilizer system isolates fuel injection control system in ECU (electric control unit) when invalid keys are used.



***If the indicator remains flickering,
have the immobilizer system checked
by Ssangyong Dealer or Ssangyong
Authorized Service Operation.***

are poisonous.
With the tailgate open
lost gas in passenger



When the child-safe lever is in “LOCK” position, the door can not be opened from the inside.

Moreover, the inside door catch will be fixed at the locking position and can not be pulled. Rear doors locked with the child safe mechanism can still be opened from the outside if the door button is in the unlock position.

The driver's window switch operates in two stages.

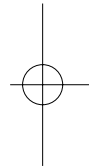
Operating time lag

The operation of power window can be continued for 30 seconds even after turning the ignition switch off.

power windows when ON by using the power each door panel.

Now, press down the switch.

Now, pull up the front
h.

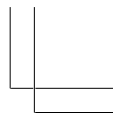
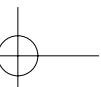


ow lift up on the switch.
atch when the window
d position.

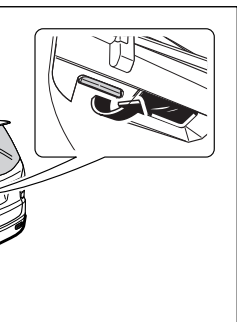
Accidental closing of the power window can result in serious injury.

- ⚠ WARNING**

- ***Keep a close watch on the windows when closing them.***
- ***Do not stick hands, head or anything else out of the opening.***



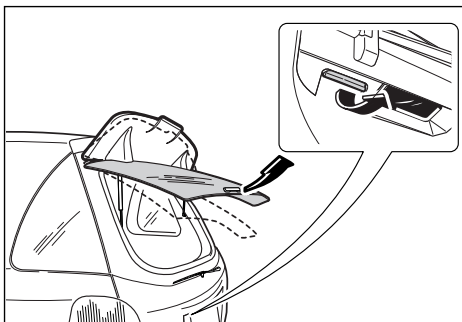
OW*



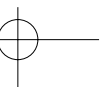
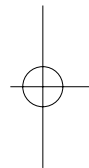
To open the window, pull the left side of the tailgate handle to unlock it.

WARNING

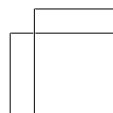
When the window is opened, it should be closed before the engine is running.

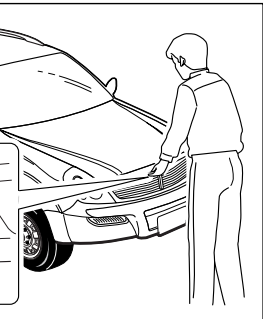


To open the tailgate window, hold the outer tailgate window handle and lift up the window.



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catch lever located under the hood and lift the engine hood.

 WARNING

An open engine hood with engine running exposes moving parts which can crush, cut or entangle.

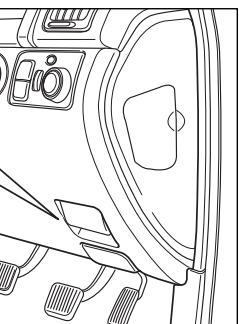
- ***Do not wear loose clothing.***
- ***Keep hands and hair away from moving parts.***

 WARNING

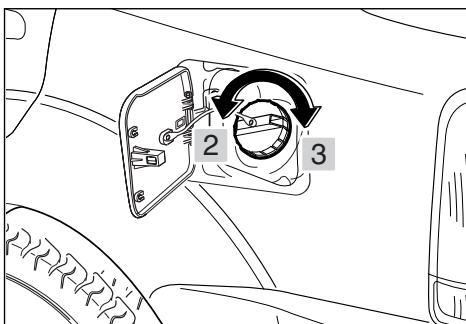
If it is necessary to check beneath the engine hood with engine running ;

- ***For manual transmission place gearshift in neutral.***
- ***For automatic transmission place gearshift in P (park).***
- ***Set parking brake fully.***
- ***Do not wear any clothing such as ties and handkerchiefs.***
- ***Do not wear loose clothing.***
- ***Keep hands and hair away from moving parts.***

DOOR RELEASE



er door by pulling the
ated on left upper side
el.



3. Open the fuel filler cap by turning it counterclockwise.
4. After refueling, tighten the fuel filler cap by turning it clockwise and push the fuel filler door properly until it latches.



WARNING

***Gasoline vapor is highly flammable.
It burns violently and that can cause
very bad injuries.***

When refueling,

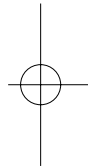
- ***Switch off engine.***
- ***No smoking.***
- ***No naked flame.***
- ***No sparking material.***

**g after battery dis-
ne switch for 5 sec-
ly when the sunroof
opened, closed, tilted
d up to reset the**

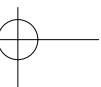
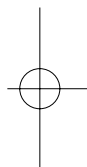
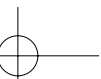
Do not stick hands, head, or anything else out of the sun roof opening.

Ensure the sun roof opening is clear before closing it.

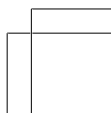
When leaving the vehicle unattended, close the sun roof fully.



panel, push it rearward.



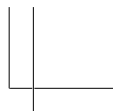
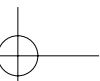
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2

TING AND OPERATING

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CAUTION
Incorrect fuel system will be damaged by use of fuel not specified in the vehicle's fuel system. Use of fuel not specified in the vehicle's fuel system will void the warranty.

NOTE
Methanol (wood alcohol) is not recommended for use in your Rexton. This type of fuel can damage engine performance and components of the fuel system.

NOTE
Warranty will not cover fuel system and any problems that are caused by use of methanol or other fuels not specified in the fuel system.

Operation in Foreign Countries

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

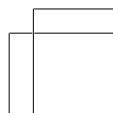
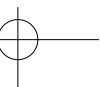
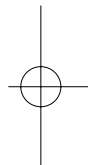
- Observe all regulations regarding registration and insurance.
- Check that a suitable fuel is available.

Vehicle Fueling from Drums or Storage Containers

For safety reasons (particularly when using noncommercial fueling systems) fuel containers, pumps and hoses must be properly earthed.

Static electricity build up can occur under certain atmospheric and fuel flow conditions if unearthed hoses, particularly plastic, are fitted to the fuel dispensing pump.

It is therefore recommended that earthed pumps with integrally earthed hoses be used, and that storage containers be properly earthed during all noncommercial fueling operations.



be turned off without lock-
wheel.
Accessories such as the
cigarette lighter can be operated

CAUTION
charge.
key at "ACC" position

on the ignition system and
Accessories such as power
windows, radio, heater, and air

CAUTION
charge.
key at "ON" position
the engine for long.

START Position

This position activates the starter motor,
starting the engine.

Release the key when the engine starts, and
it will be returned to the "ON" position auto-
matically.

WARNING

**Never remove or turn the key off
while driving.**

- **This can cause the driver to lose
control of vehicle.**
- **This can result in serious vehicle
damage or personal injury.**

WARNING

**Steering wheel can suddenly turn.
Never reach for the ignition switch
key through the steering wheel.**

ENGINE

brake.

Position :

Shift lever to Neutral position
Depress the clutch pedal to the floor
Turn the engine.

Precaution* :

Shift lever to "P" (Park) or
Neutral position. Although "P" is preferred.
Do not operate if
Shift lever is in one of the drive

Model :

Engine light will come on and
glow plugs are sufficient for
cold engine starting.
Engine indicator light goes
out.

Operate without touching the
ignition switch by turning the ignition
switch to "T" position.

When the engine starts.
If the engine starts, but fails to run, re-
peat the procedure.



CAUTION

To help prevent the start motor damage;

- **Do not operate the starter for more than 15 seconds at a time.**
- **If the engine does not start, wait 10 seconds before trying again.**



CAUTION

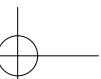
Excessive temperature can damage the exhaust system.

Do not idle at high speed for more than 5 minutes.

Fully depress the clutch pedal, or the engine will not start.

Do not depress the accelerator pedal while starting the engine.

Depress the brake pedal when you start the engine.



STARTING AND OPERATING 2-5

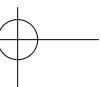
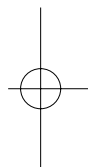
CAUTION

Do not use gear while vehicle is in reverse. This could damage the transmission.

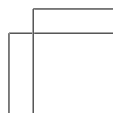
Do not shift into reverse until the vehicle is completely stopped.

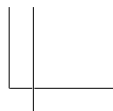
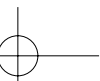
To avoid clutch damage, do not rest your foot on the clutch pedal.

Do not shift the vehicle out of gear while on a hill.



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WARNING

*move unexpectedly
you could lose control
of the vehicle.
Press the brake pedal firmly
when in "P" (Park) or "N"
position before moving forward or reverse*

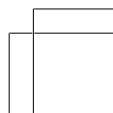
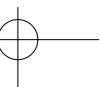
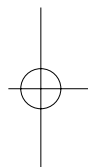
CAUTION

*When parking the vehicle, set the parking brake.
Shift the lever to "P" position to
prevent the vehicle from moving.*

WARNING

To help prevent transmission damage;

- Do not depress the accelerator pedal while shifting from "P" or "N" to "R", "D", "3", "2", or "1". Always depress the brake pedal until shifting is completed.*
- Never shift to "P (Park)" or "R (Reverse)" while the vehicle is in motion. Shift to "P" or "R" only after vehicle is stopped completely.*
- When stopping the vehicle on an uphill gradient, do not hold the vehicle by depressing the accelerator pedal. The foot brake should be used for this purpose.*
- To drive on a slope, set the lever to "3", "2" or "1" position according to road condition.*



REVERSE POSITIONS

N

N: Neutral

When the vehicle is parking, or stationing the vehicle. In neutral position, depress the parking switch "ON") In neutral position, you have to come to a stop.

It indicates neutral position and use this position for temporarily parking.

CAUTION

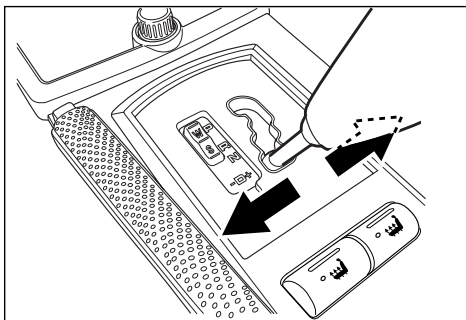
Never shift into N position while driving, or the transmission will be damaged.

When you stopping the vehicle on the uphill or downhill roads in N position, depress the brake pedal.

To shift into D or R from N position after stopping the vehicle, you have to depress the brake pedal.

To reverse the vehicle. To shift from P or N position, depress the vehicle and depress the

WARNING
selector lever unex-
isting, the shiftable
anged. It can make
ole. Be carefule not
ector lever while



**Adjustment for the shiftable gear in
“- D +” position
(5-speed automatic transmission
equipped vehicle)**

The shiftable gear is down/up by one step as
the lever is moved to left(-)/right(+) direction.

1 ← 2 ← 3 ← 4 ← D

←: when moving the lever to left (-) direction

→: when moving the lever to left (+) direction



D: Drive (4-speed)

The drive position for normal driving conditions in first to fourth gear.

CAUTION

and holding the lever (+), the gear may be several steps in series. shift one step at a time. excessive force when lever to left (-)/right (+), y not be shifted to Soft and smooth op-ommended.



3: 3rd Gear (4-speed)

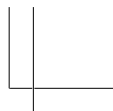
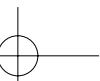
The drive position for driving conditions in first, second and third gear.

You might choose 3 instead of D under the following condition:

- When driving on long hilly roads
- When driving in heavy city traffic
- When going down a steep hill

WARNING

e selector lever unex-driving, the shiftable nged. It can make the e. Be carefule not to or lever while driving.



WARNING

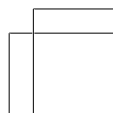
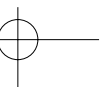
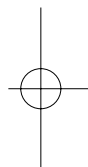
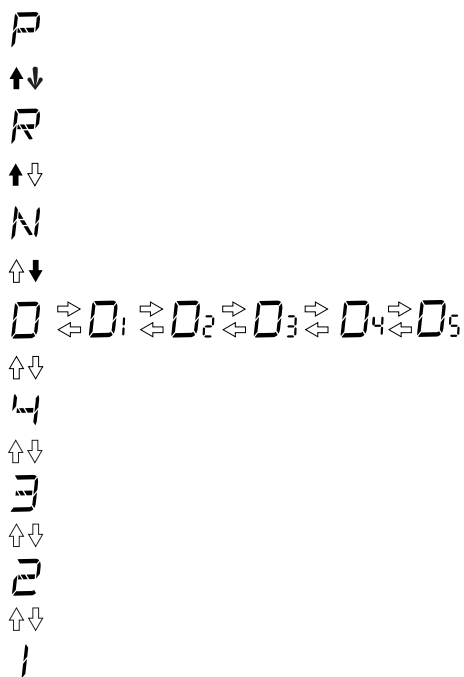
Do not move suddenly when the engine is running, apply the parking brake, and remove the ignition key when leaving the vehicle. (Park) position in parking brake. Do not leave the vehicle unattended while the engine is running.

CAUTION

When in D position, your vehicle will move back on the incline, so you must use the brake pedal.

Shift Lever Operation

(5-speed automatic transmission)



Automatic transmission



S: Standard mode

- Press the “S” portion of the mode switch to select “STANDARD” driving mode.
- Use the STANDARD mode for your normal driving.

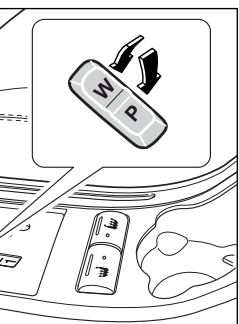
W: Winter Mode

In this mode, the vehicle starts from 2nd gear. Press the “W” portion of the mode switch to select “WINTER” driving mode and “WINTER” indicator lamp will be displayed on the instrument panel.

Use this mode in the event of starting-off or driving difficulties on slippery roads.

Automatic transmission has
(S) mode and WINTER (W)

STANDARD mode in normal driv-
ing and use the WINTER mode
in d.



Power Mode

For increased power, improved acceleration or driving up long slopes, press the “P” portion of the mode switch.

The transmission will shift into the power driving pattern. The transmission will shift at higher engine revolutions, allowing more powerful acceleration.

Normal

Use this mode for your normal driving.

This driving mode can be selected when both “W” and “S” portions are not pressed.

Vehicle starts from 2nd

of the mode switch to
ing mode and “WINTER”
displayed on the instru-

event of starting-off or
slippery roads.

accelerate rapidly, accelerator pedal completely to the floor to push the clutch on the floor. Then, the clutch will be operated and the vehicle shifted to a lower gear.

ic transmission

When the transmission is defective, the symptoms that can be occurred are as follows:

-

CAUTION
<i>symptom caused by electrical defective, stop the vehicle and reset the safety</i>
<i>operation of the transmission at 2nd forward gear or 2nd reverse gear) is still present, mission checked as able at the nearest dealer or Ssangyong Service Operation.</i>

**AUTOMATIC TRANSMISSION
EMERGENCY SHIFTING
PROCEDURE**

Your vehicle has a shift lever lock control system. Before you can shift from park (P), the ignition must be ON and you must depress the brake pedal.

If you cannot shift out of P with the ignition ON and the brake pedal depressed:

1. Turn ignition off.
2. Push the shift lock release lever by inserting a proper stick. Then, with the brake pedal depressed, move the selector lever to N (neutral).
3. Start engine and shift into the gear you want.
4. Have your vehicle repaired by Ssangyong dealer or authorized service operation as soon as possible.

the engine braking effect downhill, select drive range "1".

is most effective in drive range "1" is selected at the transmission remains until the shift point for first gear, as a result of decelera-

can be left in the chosen gear with the engine running. When the vehicle comes to a stop, engage the parking brake pedal. Do not release the parking brake pedal until the engine has stopped.

the vehicle, apply parking brake. Move the parking selector lever in position and turn the ignition key.

Maneuvering the Car

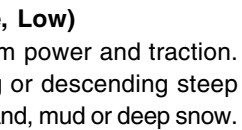
To maneuver the car back and forth during attempts to park or in garage entrances utilize the creeping effect. Regulate your speed by lightly releasing the brake pedal. Never press the accelerator and brake pedals simultaneously.

NOTE

- **CREEP effect**

The vehicle will move slowly without acceleration when the engine is running if you select "R", "D", "3", "2", "1" positions and it is called "CREEP" effect. It is very unique characteristics of automatic transmission system in which weak power is continuously delivered to the transmission in order to rotate the torque converter.

, High)
on wet or slippery roads
snow, mud or sand.
s greater traction than
ont hubs will be locked



The 4WD LOW indicator light illuminates when the 4WD switch is in 4L.

Use this for normal driving. This position gives greater economy, quieter ride and least drive train wear.

Use this for maximum traction in slippery roads, steep hills and rough roads.

 WARNING

In case of part-time 4WD, do not use 4WD for normal driving on dry pavement. It will cause unnecessary noise, wear and fuel economy.

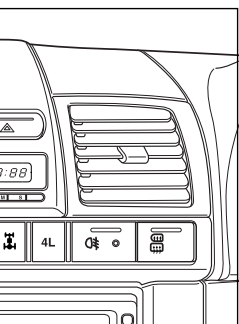
 WARNING

To shift '4L' position, completely stop the vehicle and always depress the clutch pedal, for manual transmission, or position the selector lever to "N", for automatic transmission, and select the 4WD switch to '4L'.

NOTE

When shifting '4L'→'4H' in automatic transmission, foot brake and shift the selector lever to "N→R→N" after 4WD LOW indicator OFF for smooth shifting.
In case of full-time 4WD, the 4L indicator in instrument panel will blink during mode changes, then will come out or come on after completion.

CH*



OFF switch, the ESP indicator lamp in-
s on.

ain to resume the ESP
the indicator lamp goes

perates while driving,
ickers and the alarm

ESP System*

The ESP system is an electronic vehicle stability control system and driving safety supplementary system that helps to avoid dangerous situations by applying brakes on the wheels or the engine torque to compensate vehicle stability when it is extremely unstable under conditions such as sharp cornering. This system also includes brake assist function for the handicapped persons because they depress the brake pedal softly even when hard braking is required. If the system recognizes that it is an emergency case requires hard braking, it delivers high braking pressure to the wheels. The ESP function works when vehicle stability is very unstable. The ESP system does not work under normal driving conditions.

is activated unless you
ESP switch. However, the
ates only when the tyres
road surface due to sud-
cally, the ESP system is
control system that inte-
stem and vehicle stability



CAUTION

- ***The ESP system deactivates when stopping the engine. It will be re-sumed when the engine is started again.***
- ***If the vehicle is controlled by ESP during driving, the ESP OFF switch will not work.***
- ***The ESP system does not operate during reverse driving.***
- ***If the ESP function operates while driving, the indicator lamp flickers and the alarm sounds.***

It is only a supplement for the vehicle. It exceeds its physical limits and cannot be controlled. It is a system. Keen on it.

- If one brake circuit should fail, the vehicle can still be stopped with the second remaining circuit. If this happens, the brake pedal must be fully depressed with greater pedal pressure. The braking distance is increased. Have the braking system checked and repaired by a Ssangyong Dealer or Ssangyong Authorized Service Operation before continuing your journey.
- 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.
- Do not coast down hills with the vehicle out of gear. This may be extremely hazardous. Keep the vehicle in gear at all times, use the brakes to slow down.
- If a tyre goes flat while driving, apply the brakes gently and keep the vehicle 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.

ANTI-LOCK BRAKE SYSTEM* (ABS)

WARNING

There is a temporary loss of steering control due to wet brake pads.

When driving on the rear for other vehicles, do not apply brakes for sudden stops.

When driving forward speed.

When driving in space ahead, to the rear, or on the sides.

Do not apply brakes until performance is normal.

After this procedure after driving through deep water, deep water, or deep water components.

After the vehicle is washed, to the risk of personal injury.

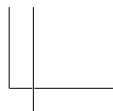
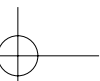
Anti-lock brake system is an advanced electronic braking system that will help prevent a braking skid.

The anti-lock brake system prevents the wheels from locking up during sudden braking or braking on a slippery road to help the vehicle remain steerable and stable.

This system becomes operative only when it senses differences in rotational speed of the wheels, and that they are about to lock up. The system detects the wheel speed and electronically controls the pressure applied to the brake.

When the ignition is switched on, the ABS warning light comes on. It goes out after about 2 seconds. If it does not go out, or if it comes on during driving, there is a defect in the ABS. In this case the brake system performs its regular function but without the anti-locking capability.

In the event of a defect in ABS, the traction control system (TCS) is shut off as well. Have the ABS checked by Ssangyong Dealer or Ssangyong Authorized Service Operation as soon as possible.

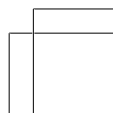
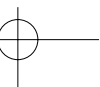
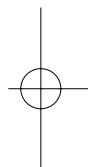


s. Press the brake pedal
s of the road surface
(tc.), hold it down and
t.
he braking pressure to
s to maintain the maxi-
n the vehicle, reducing
al stability or steering

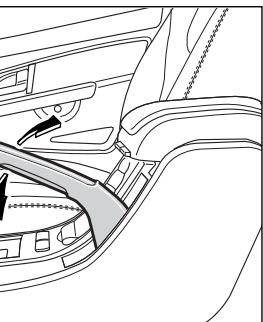
panied by noise usu-
S is operating. Such
mply indicates that the
ormally.
pply full force on the
al simultaneously.
ystem will be activated
owing you to retain full
our vehicle.
you familiarize yourself
nique. However, avoid
isks.

 WARNING
<i>Stopping distances can vary greatly depending on the road surface and conditions.</i>
• <i>Maintain safe distance to the vehicle in front.</i> • <i>Drive slowly on wet or slippery road.</i>

 WARNING
<i>ABS cannot prevent accidents resulting from careless or dangerous driving techniques.</i>
• <i>Drive carefully.</i> • <i>Slow down when cornering.</i> • <i>Press brake pedal hard and hold.</i>



KE



acts on the rear wheels.
tically when applied. The
r is located between the

ing brake, depress the
ull the lever up fully.
s the brake pedal, pull the
d push the button in the
en lower the lever while
in.
g brake is fully released

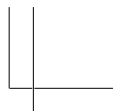
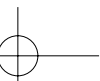
ng Dealer if adjustment of
s required.

When Parking Your Vehicle

1. Hold the brake pedal down and firmly apply the parking brake.
2. **Manual transmission models :**
When parking on level ground, place the gearshift lever in the "NEUTRAL" position.
When parking on a downhill gradient, place the gearshift lever in the "REVERSE" position.
When parking on an uphill gradient, place the gearshift lever in the "1st" position.

Automatic transmission models :
Move the selector lever to the "P" (PARK) position.

3. Close all windows and sun roof*.
4. Turn the ignition key to the "LOCK" position and remove the key.
5. Lock all doors and tailgate.
6. Be sure the vehicle is not moving.



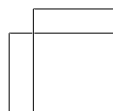
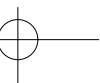
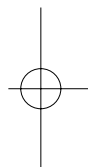
CAUTION
*Exhaust pipe could touch hot
surfaces. Do not touch.
After your vehicle and
engine cool, operate vehicle over
rough terrain.*

CAUTION
*Do not move when parked.
Release parking brake fully.
On level ground.
When driving, do not leave
steering wheel straight ahead ma-*

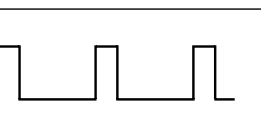
CAUTION
*When parking brake applied,
parking brake system.
Do not fully release park-
ing brake until parking
brake system warning light*

CAUTION
*Under cold weather conditions, the
parking brake can freeze in the en-
gaged position.
This is most likely to happen if the
brakes are wet.
If there is a risk that the parking
brake may freeze after driving
through water deep enough to wet
brake components or having the ve-
hicle washed;*

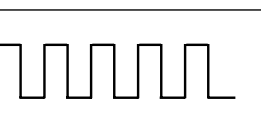
- *Apply the parking brake only tem-
porarily while you put the gear se-
lector lever in "P" (automatic
transmission) or in first or reverse
gear (manual transmission), and*
- *Block the rear wheels.*
- *Then release the parking brake.*



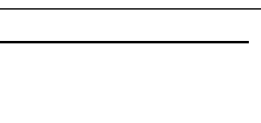
sensor and two center
s will activate the alarm
nce between your vehicle
le is around 120~80cm
respectively.
arm



nce is between 80~50cm
ing



nce is between 50cm
n



Tips on Parking Aid System

The alarm will not work or improperly work under following cases:

A. Certain obstacles that sensors can not detect

1. Wires, ropes, chains.
2. Cotton, sponge, clothes, snow that absorb ultrasonic waves.
3. Obstacles lower than the bumper.

B. The sensors can not detect

1. When they are frozen.
2. When they are blocked by snow or mud.
3. When they are receiving other ultrasonic signals (metal sounds and air-braking noises from heavy commercial vehicles).
4. When a high-power radio is turned on.

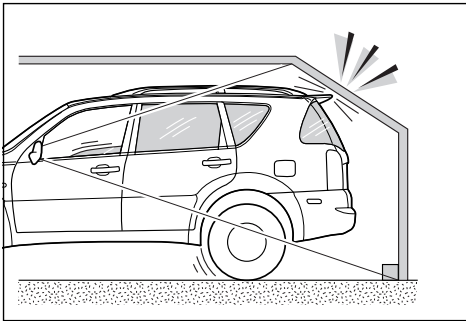
CAUTION

*...l system is a park-
... You should con-
... the mirrors or turn-
... Normal precau-
... versing should be*

*... shock the sensors
... gh-pressure water
... ing, or the sensors
... d.*

*... g aid system is not
... e alarm sounds for
... ck and repair your
... ngyong Dealer or
... yhorized Service*

*... t confuse with the
... ntinue when the ob-
... in 50cm.*

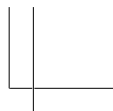
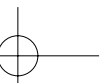


- NOTE**
- *In the parking lot as shown above, the upper portion of the vehicle can be hit before the sensor operation, so check with outside rear-view mirrors or by turning your head during parking.*
 - *Please note the 'Tips on parking aid system'.*
 - *The parking aid system will operate correctly flat vertical surfaces.*

ENGINE EXHAUST GAS CAUTION (CARBON MONOXIDE)

necessary weight in the
r foot on the brake pedal
his can cause needless
damage to the brakes
conomy.
your vehicle is maintained
turer's specification.

- Avoid inhaling engine exhaust gases. Engine exhaust gases contains carbon monoxide, which has no color or odor. Carbon monoxide is a dangerous gas.
- It can cause unconsciousness and can be lethal if inhaled.
- If at any time you suspect that exhaust gases are entering the vehicle, have the vehicle inspected and repaired immediately by a Ssangyong Dealer or Ssangyong Authorized Service Operation. If it is necessary to drive under such conditions, do so only with all windows fully open.
- To protect against exhaust gases entering the vehicle, the exhaust system and body should be inspected:
 - each time the vehicle is raised for an oil change.
 - whenever a change is noticed in the sound of the exhaust system.
 - whenever the exhaust system, under body or rear of the vehicle is damaged or becomes corroded.



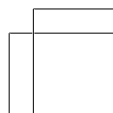
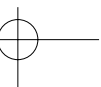
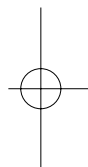
DRIVING

Driving is encountered
low, ice, mud, sand or
these suggestions.
and allow extra dis-
movements in braking or

press the brake pedal
d-down motion until the
d.

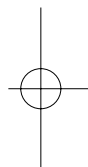
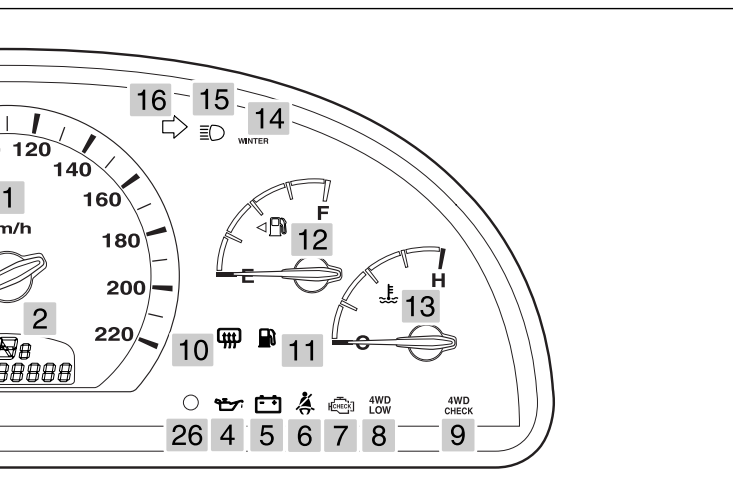
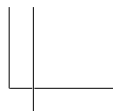
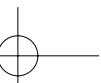
mud or sand, use 2nd
transmission or "WIN-
automatic transmission
slowly. Accelerate
pinning.

salt, tyre chains, or
material under the rear
e traction when stalled
ud.



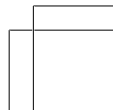
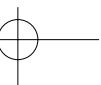
3

ENTS AND CONTROLS

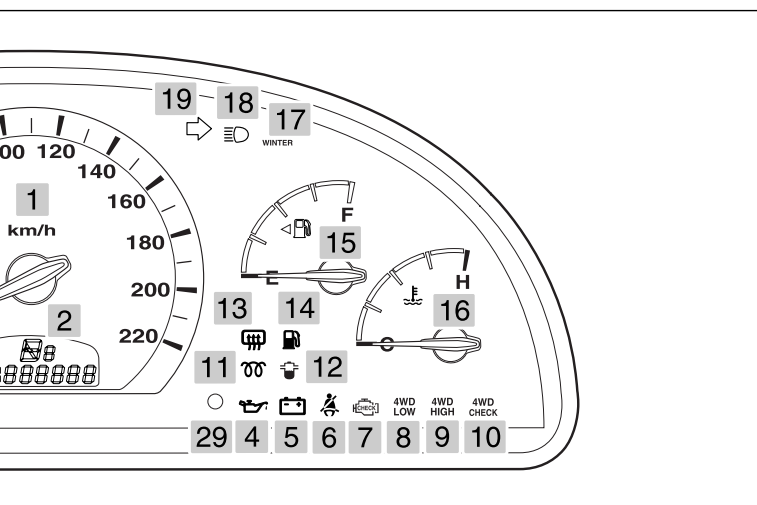


or
arning light
ge
icator (A/T)
tor
ator (right)
ator (left)
t

- 19. Tachometer
- 20. EBD waring light
- 21. SSPS warning light
- 22. Brake system warning light
- 23. ABS warning light
- 24. Aigbag warning light
- 25. Door open warning light
- 26. Trip odo meter reset button/Rheostat button

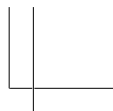
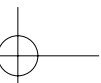


VEHICLE*

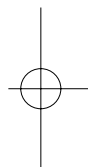
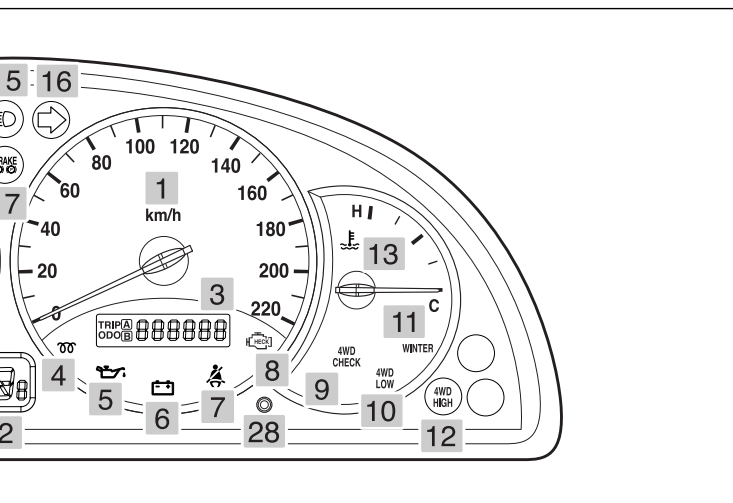


or warning light
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warning light
auge
indicator (A/T)
cator
icator (right)

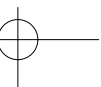
20. Turn signal indicator (left)
21. ESP warning light*
22. Tachometer
23. EBD warning light
24. SSPS warning light
25. Brake system warning light
26. ABS warning light
27. Airbag warning light
28. Door open warning light
29. Trip odometer reset button/Rheostat button



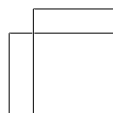
VEHICLE



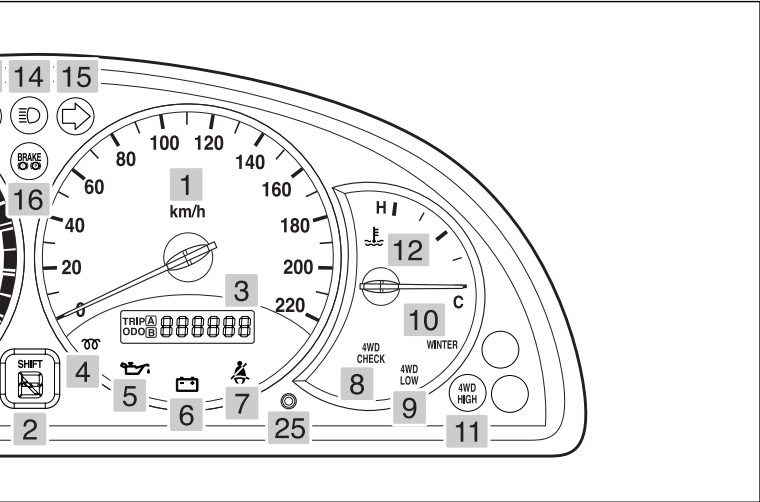
- 20. EBD warning light
- 21. ABS warning light*
- 22. Airbag warning light*
- 23. Fuel gauge
- 24. Low fuel level warning light
- 25. Water separator warning light
- 26. Defogger indicator
- 27. Door open warning light
- 28. Trip/ODO meter reset button



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VEHICLE



- indicator (A/T)
- cator*
- auge
- icator (left)
- cator
- icator (right)
- warning light
- 19. ABS warning light*
- 20. Airbag warning light*
- 21. Fuel gauge
- 22. Low fuel level warning light
- 23. Defogger indicator
- 24. Door open warning light
- 25. Trip/odo meter reset button

TRIP ODOMETER

Black-Face Type

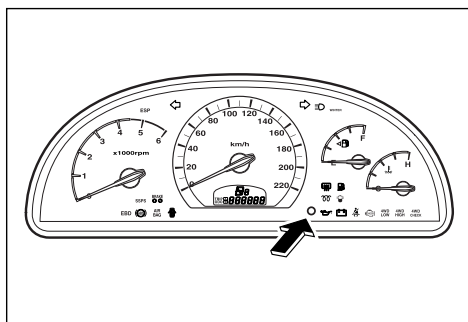
White-Face Type

When the Trip odometer reset button is pressed, the first distance (TRIP A) will be indicated. When the button is pressed again, the second distance (TRIP B) will be indicated. When the button is pressed once more, the third distance (TRIP C) will be indicated.

NOTE

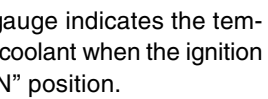
Hold the reset button for 5 seconds in TRIP A or TRIP B to reset the trip odometer.

RHEOSTAT (BLACK-FACE TYPE)*



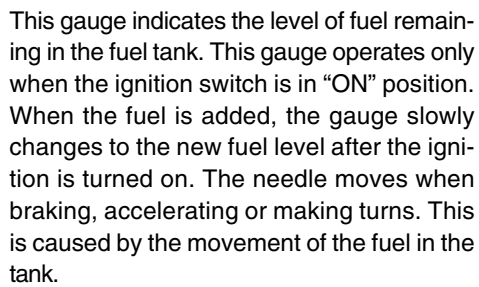
Press and hold the Trip odometer reset button/Rheostat button to adjust the instrument panel illumination. Release the button when the illumination reaches the brightness you want.

Black-Face Type



overheat.
reaches the red zone,
cle.
to cool.

Black-Face Type

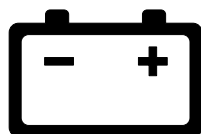


- F : Full
- E : Empty

Fill up fuel tank before the needle reaches "E".

CAUTION
*Damage could result.
Do not start the engine with the engine warning light illuminated. If the light is on, take vehicle to a qualified dealer or Ssangyong Service Operation.*

BATTERY CHARGE WARNING LIGHT



This warning light indicates that the battery is being discharged.

When the ignition is switched on, this warning light comes on and should go out when the engine is started.

If the light illuminates while driving,

- Pull off the road and stop your car.
- Check the alternator drive belt for looseness or breakage.
- If the belt is OK, there is a problem somewhere in the charging system. The problem should be located and corrected as soon as possible. Have the system checked and repaired immediately by your nearest Ssangyong Dealer.

REMEMINDER

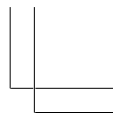
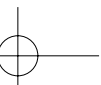


The light comes on when the ignition key is placed in the "ON" position. The driver's seat belt is secured, so the seat belt warning light goes out after about 6 seconds when the ignition key is in the "ON" position. The seat belt is secured fast.

Be paid to ensure that the seat belt is fastened before driving off.

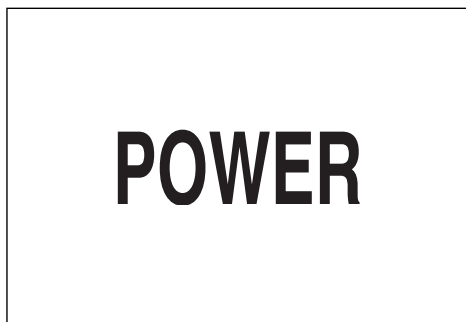
ENGINE CHECK INDICATOR
(FOR GASOLINE ENGINE)

It comes on when the ignition key is turned to ON and goes out if the engine is normal. If the light stays ON, inspect your vehicle by Ssangyong Dealer or Ssangyong Authorized Service Operation.

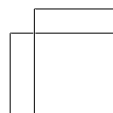
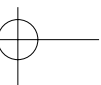
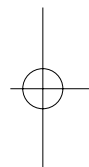


signed in compliance
ard Diagnostic (EOBD)
were specified by Eu-
mmunity Directive.
icator will illuminate if
mission related compo-
systems.
as the Engine Control
e fault.
s detected, fuel is cut
id catalytic converter
onic system will switch
ning program so you
e.
consult a Ssangyong
ong Authorized Service
ne problem as soon as

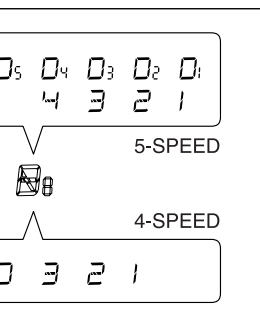
POWER MODE INDICATOR (FOR AUTOMATIC TRANSMISSION)



The indicator will come on when the Power mode (P) switch near the gear selector lever is selected. Use this mode if you need more power during abrupt acceleration, driving on steep hills. At this time, gear shifting time delays than normal to get more traction power.



INDICATOR (AUTOMATIC TRANSMISSION)



comes on when the ignition switch is turned to ON and should go out if the indicator shows the correct gear position. If the indicator shows the wrong gear position, move the transmission selector lever to the correct gear position.

4WD CHECK WARNING LIGHT

IDI engine equipped vehicle

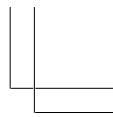
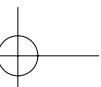
**4WD
LOW**

**4WD
HIGH**

DI engine or gasoline engine equipped vehicle

**4WD
CHECK**

These indicators come on when the ignition switch is turned to ON and should go out if the system is normal. If the “4WD LOW” and “4WD HIGH” warning light come on or blink (IDI Engine), or “4WD CHECK” warning light stays on, have the 4WD system checked at Ssangyong Dealer or Ssang Authorized Service Operation.

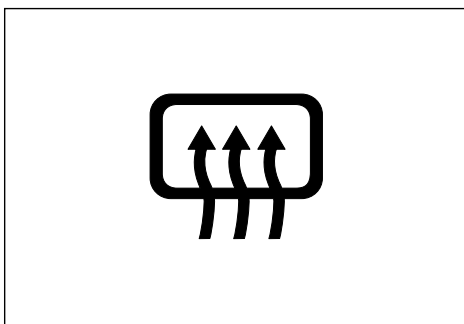


4WD HIGH INDICATOR

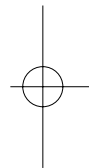


The indicator comes on when the 4WD HIGH switch is pushed. It goes out after the vehicle shifts from 2WD to 4WD. It goes out after the vehicle speed is under 10 km/h.

DEFOGGER INDICATOR

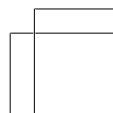
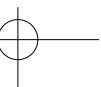


The indicator comes on when the tailgate glass defogger is switched "ON". It goes out after specified time.



NOTE

When driving mode from 2WD to 4WD HIGH, this indicator comes on until the shift is completed. After completion of shift, the indicator goes out. When the vehicle shifts from 2WD to 4WD, the indicator comes on without shifting from 2WD to 4WD.



FUEL WARNING



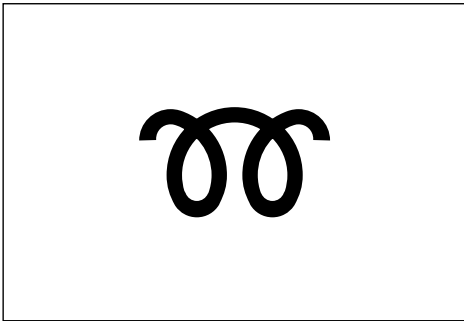
indicates that the fuel will
d.
k as soon as possible if
comes on.

CAUTION

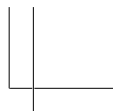
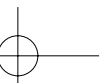
***f fuel could causes
catalytic converter.
as soon as possible
light comes on.***

NOTE

***on steep hill or rough
ning light may come
ning fuel is low.***

GLOW INDICATOR
(FOR DIESEL ENGINE)

This indicator comes on when the ignition switch is turned on and stays on for a short time or may go off right away. The waiting time will vary according to the engine coolant temperature. When the glow plugs are sufficiently heated for cold starting, the light will go out. Then, the engine should be started.



SSPS LIGHT*

SSPS

comes on when the SSPS
When this warning light
steerability becomes heavy.

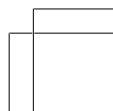
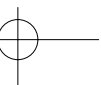
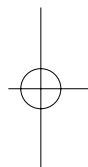
CAUTION

***When you have the SSPS
by Ssangyong Dealer
Authorized Service***

SSPS?*

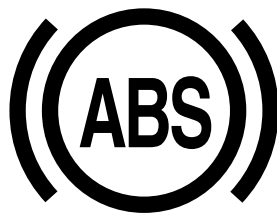
In traditional constant power assist steering system, the steerability gets lighter as vehicle speed rises, and this may cause dangerous situation.

SSPS, by providing appropriate steerability to driver according to the changes of vehicle speed, gives steering stability. In other words, the steering wheel gets lighter by adjusting steerability in stop or low speed and provides steering stability by adjusting steering wheel to become heavier in high speed.



ABS WARNING LIGHT***NOTE****Brake-force Distribu-**

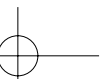
When the pedal is applied, it makes pressure electrically distribute the force to the front wheels. EBD operates when the difference between the front wheel and the rear wheel is 1cm/h and if ABS is not operate.



This warning light illuminates when the ignition is switched on and should go out after about 2 seconds.

If this light doesn't come on when the ignition is switched on or if this light doesn't go out, contact your nearest Ssangyong Dealer or Ssangyong Authorized Service Operation.

If this light illuminates while driving, a malfunction of ABS is indicated. In this case the brake system performs its regular function but without the anti-locking capability. Have the system checked by Ssangyong Dealer as soon as possible if this condition occurs.



NOTE

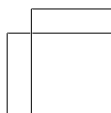
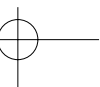
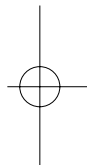
*(Brake System)?
abruptly or on the
vehicle keeps go-
ing at the wheels are
in state. At this time,
do not be steered or
driven. This may have
resulted in acci-
dents the wheels prop-
erly locked and allows
the vehicle's*

AIR BAG WARNING LIGHT*

**AIR
BAG**

When the ignition is switched on, this warn-
ing light illuminates and then should go out,
to confirm that the air bag is operational.

If it does not come on, or if it does not go
out, or if it flashes or illuminates continuously
while driving, it means that there is malfunc-
tion in the system. The air bag system would
therefore not be triggered in the event of an
accident. Have the air bag system checked
without delay by a Ssangyong Dealer or
Ssangyong Authorized Service Operation.



ing brake is fully released

at comes on even when
s completely released, it
he brake fluid in the res-
;
d and stop carefully.
ke fluid and add the rec-
ake fluid up to the MAX

erates normally and you
safe, drive carefully at a
the nearest Ssangyong
ection immediately.
d, if the warning remains
kes do not operate prop-
vehicle towed to nearest
aler for inspection and re-

WARNING

***Vehicle with the brake
light on is dangerous.
System checked and
diagnosed by nearest
dealer.***

 CAUTION

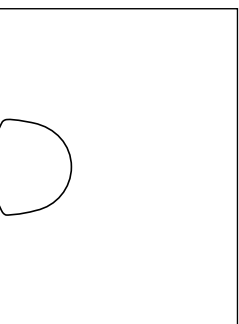
The brake system warning light may not come on with parking brake applied and ignition on, indicating brake system fault.

- ***Check for bulb failure.***
- ***If bulb is working properly, have brake system checked.***

NOTE

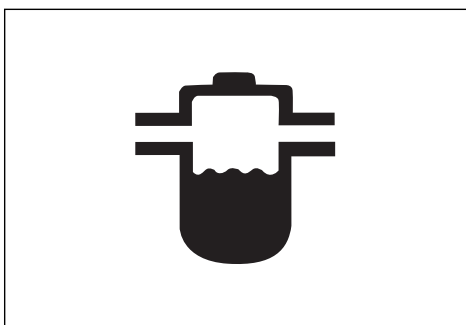
Low brake fuel level may increase the stopping distance and require greater pedal effort as well as greater pedal travel.

ICATOR



tes when the headlight
d on.

WATER SEPARATOR WARNING LIGHT (DIRECT INJECTION DIESEL ENGINE EQUIPPED)

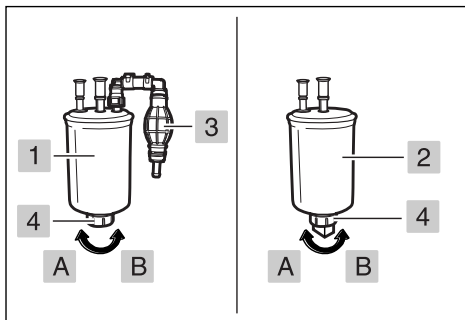
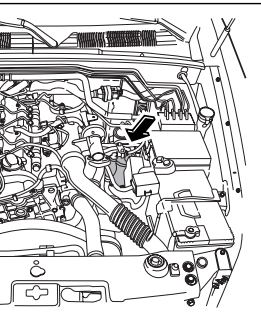


When the water level inside water separator in fuel filter exceeds a certain level, this warning light comes on and buzzer sounds. Also, the driving force of the vehicle decreases. If these conditions occur, immediately drain the water from fuel filter.

For the draining procedures, please refer to "How to drain the water from fuel filter" on next page.

This warning light goes out when the draining is completed.

THE WATER FROM FUEL FILTER & WATER SEPARATOR (TION DIESEL ENGINE EQUIPPED)



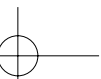
- | | |
|--------------------|-----------------|
| 1. Fuel filter | 3. Priming pump |
| 2. Water separator | 4. Drain plug |

fuel filter & water separator compartment.
 container under the fuel separator.
 connector under the drain water separator.
 plugs to "A" direction to

5. Wait until a certain amount of fuel gets out from the port, then turn the drain plugs to "B" direction to tighten it.

CAUTION

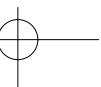
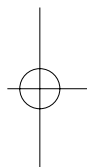
- ***Be careful not to be injured by surrounding equipment during the working procedures.***



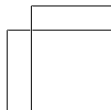
OL INDICATOR*
E ENGINE)

UISE

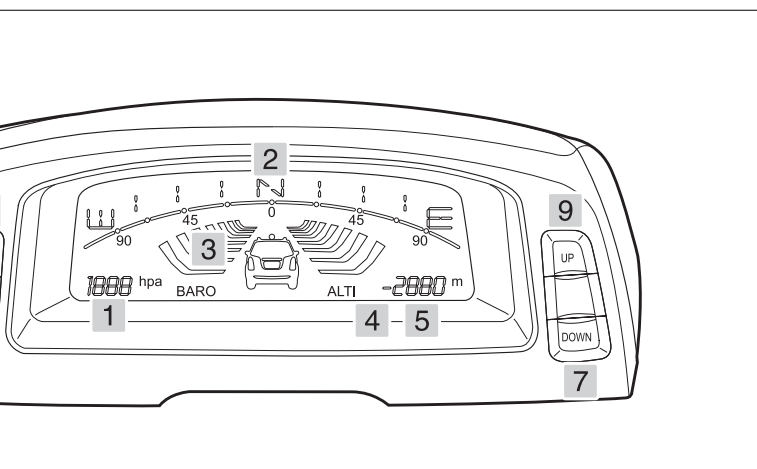
ates when the cruise
n.



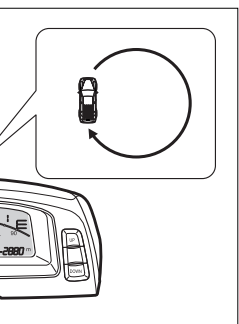
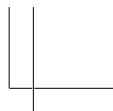
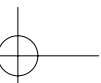
2004-05-21, 10:30:00 Adobe PageMaker 6.5K/Win



INSTRUMENTS AND CONTROLS 3-21



- 6. Adjustment switch
- 7. Down switch
- 8. Power switch
- 9. Up switch
- 10. Mode switch

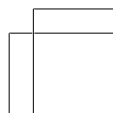
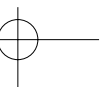
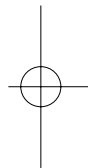


NOTE

- *You can turn to any direction, left or right.*
- *When the calibration is completed, the compass does not flash anymore.*
- *If the compass continues to flash, turn again slowly until it goes off.*

adjustment switch for
the current direction

over 1 complete circle
ends slowly, then the
accomplished.
ation is finished, the
ection will be indicated.



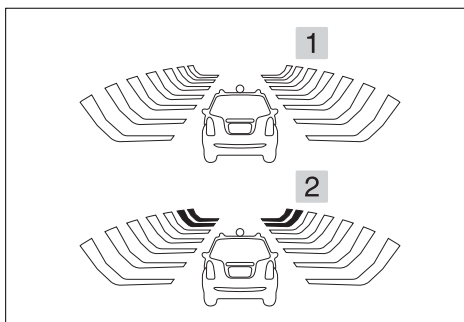
CAUTION

turning occurs if the signals has been re-
e than 5 minutes
however, it is not the
of the vehicle and re-
al condition if the ex-
tic field becomes to

indicator may be de-
you drive on sharp
ver it is normal, not

where the terrestrial
dispersed, the com-
t indicate the correct
ever, when you leave
returns to normal.

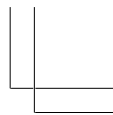
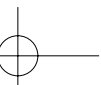
n the tunnel, parking
ding, underground
building complex,
bway lines, near to
nder the power lines
c railways, etc.)

SPEED SENSING INDICATOR

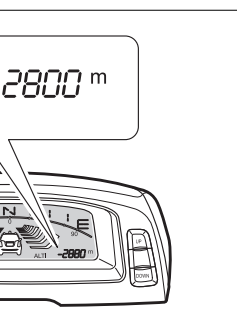
The flashing interval of the road signs changes gradually according to the vehicle speed.

Flashing intervals by speed ranges

Speed range	Flashing interval
Less than 1.8km/h	All "ON"
Less than 40km/h	per 1 second
Less than 60km/h	per 0.8 second
Less than 80km/h	per 0.5 second
Less than 100km/h	per 0.3 second
-	per 0.2 second



UTE ALTIMETER)



How to erase the calibrated altitude value

Press the UP and DOWN switches simultaneously for more than 1 second then the calibrated altitude value will be erased and the current altitude will be indicated after showing -0000 for 2 seconds.

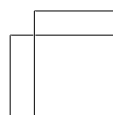
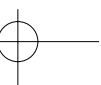
Altitude calibration ranges

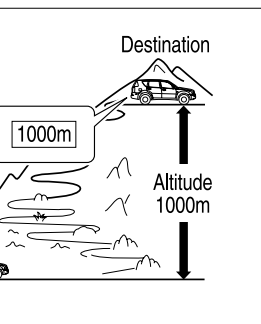
The difference between minimum value and maximum value is 3000m: the calibration is available within the altitude range of -200 ~ +2800m.

spheric pressure. 0m
equivalent to 1013.25
convert the difference
ure and atmospheric
and shows by every
s than 20m, it indicates

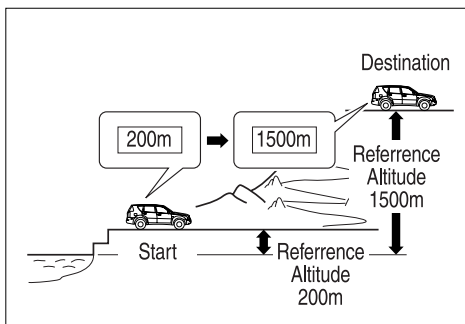
the altitude

to press	Indication
s than 0.5 sec.)	Increase by 20m
e than 0.5 sec.)	Automatic increase by 20m (per 0.2 sec.)
s than 0.5 sec.)	Decrease by 20m
e than 0.5 sec.)	Automatic decrease by 20m (per 0.2 sec.)





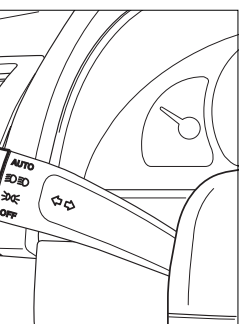
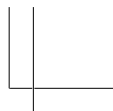
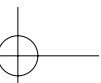
reference of the altitude
 's altitude to 0 by press-
 OWN switches simulta-
 second. → read the in-
 e after arrival.



- To see the destination's altitude
- 1. Enter the altitude of the point where you know the altitude from the sea level.
- 2. The indicated value on the destination is the altitude from the sea level.

CAUTION

The altimeter operates by using changes of atmospheric pressure. So, sometimes, the indicated altitude may differ due to changing atmospheric pressure in the same place, however, it is normal, not malfunctions.



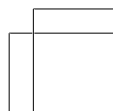
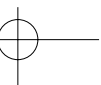
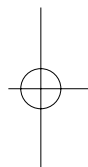
or off, twist the knob
combination switch lever.

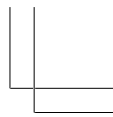
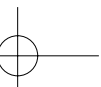
plate, fog and instru-
illuminated.

and all the above lights

ional)
hts automatically.

 CAUTION
• <i>Fog lamps will turn on according to lights switch positions when the fog lamps switch is ON.</i> • <i>Do not lay anything on the auto light sensor located in passenger side instrument panel. AUTO light may operate incorrectly, if covered.</i>





CAUTION

*any objects blocking
do not clean the sen-
sitive or wax.*

*low, rainy, or cloudy
to use manual mode.*

*on or off time of the
is depending on the
on, or circumstances.*

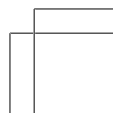
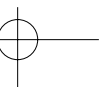
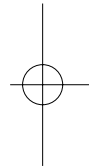
*f coating that can af-
fection intensify in-
le may cause the mal-
the lighting system.*

*commends you to use
restrictively in only a
inset. For the normal
the lamps, turn on or*

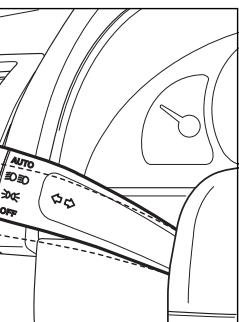
*the battery from
do not leave the light
line is off.*

LIGHT SWITCH WARNING CHIME

The chime sounds to remind you to turn off the lights if the driver's door is opened with them switched on when the ignition key is removed

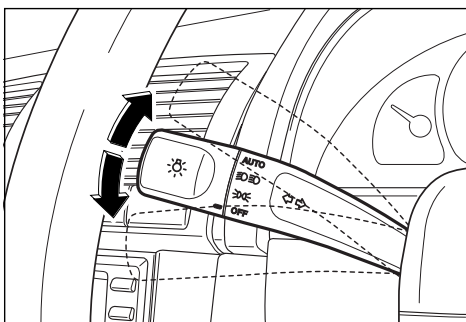


SWITCH



am, pull the lever to-
wheel and release it.
to the normal position
lights stay on as long
r.

TURN SIGNAL SWITCH



Move this lever up to the stop position to
signal a right turn.

Move this lever down to the stop position to
signal a left turn.

When the turn is completed, the signal will
cancel and the lever will return to the nor-
mal position. When changing lanes, move the
switch part way and hold it there. When re-
leased, the switch will spring back to the
normal position.

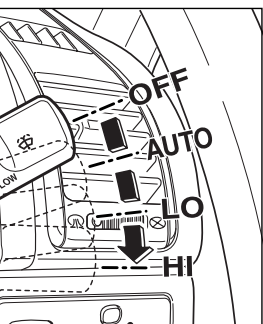


CAUTION

Battery will discharge.

***Do not leave the lights on while en-
gine is off.***

WIPER SWITCH



Windshield wipers, move the
wiper switch to the desired
position with the ignition

operating. The wipers will
operate automatically according to
the amount of rain (rain sensor
vehicle).
Wiper, slow speed
Wiper, fast speed

 CAUTION

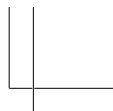
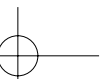
*Wiper operation on dry windshield
can scratch glass and wear the
blades prematurely.
Do not operate wipers when wind-
shield is dry.*

 CAUTION

*Wiper operation with obstructions,
such as snow, can damage wiper
motor.
Clear obstruction before operating.*

 CAUTION

*Wiper blades can freeze to wind-
shield in cold weather.
Wiper operation while the blades are
frozen can damage the wiper motor.
Check blades are not frozen to wind-
shield before operating.*



Recognition Function

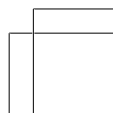
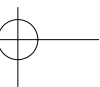
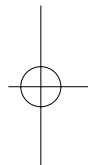
When the engine with the wiper in the "AUTO" position, the wiper will remind you that the wiper switch is at "AUTO" position. When the wiper switch is turned to "OFF" position, the wiper will stop.

CAUTION

When the wiper switch is at "AUTO" position, make sure to turn it to "OFF" position before washing the engine.

CAUTION

- ***Auto position recognition, especially in winter, may reduce the life span of the wiper blade. Make sure the wiper switch is at "OFF" position unless it rains.***
- ***During winter time, the wiper blade can be frozen to windshield. Wiper operation while blade is frozen can damage wiper motor. Be sure to check the blade before operation.***
- ***The wiper operation on dry windshield can scratch glass and wear the blade prematurely. Do not operate wiper when the windshield is dry.***
- ***When you clean the windshield over the sensor with damp cloth, the wiper may operate suddenly. It could cause serious injury. Make sure to place the wiper switch and ignition switch to "OFF" position when not in use.***
- ***Make sure to place the wiper switch to "OFF" position before washing the vehicle.***



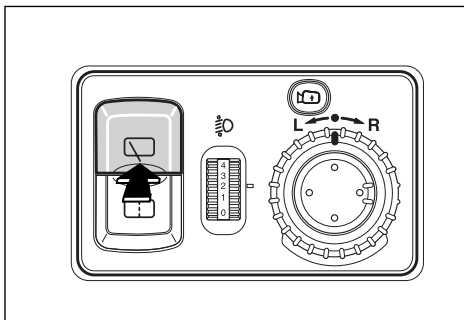
TAILGATE WINDOW WIPER SWITCH

CAUTION

When the washer is not used, washer fluid can freeze, blocking forward vision before operating.

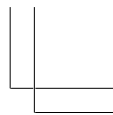
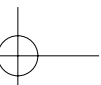
CAUTION

The tailgate window wiper and washer can be overheated if the wiper is operated continuously for more than 10 minutes.

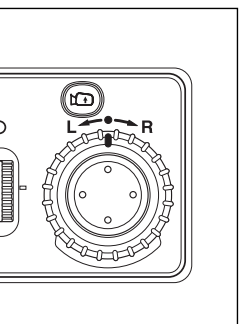


The tailgate window wiper and washer switches are located on the instrument panel separately.

To operate the tailgate window wiper, push the switch. To cancel the operation of the window wiper, push the switch again.



WASHER



fluid, push the tailgate

switch for more than
the washer fluid is
gate window and the
d.



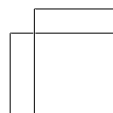
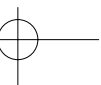
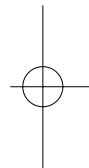
CAUTION

In cold weather, washer fluid can form ice on rear window, blocking your vision. Warm rear window before operating washer.

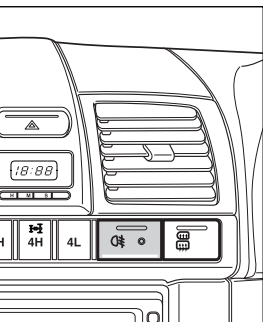


CAUTION

*Washer motor will be overheated and damaged.
Do not operate the washer when washer fluid tank is empty or continuously for more than 10 seconds.*



MIRROR SWITCH*

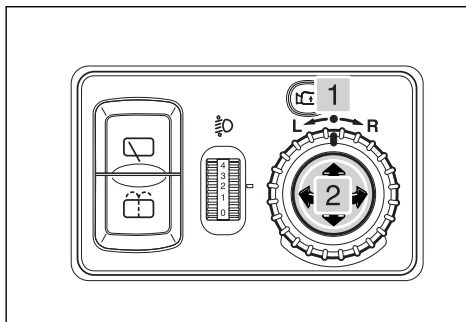


For fog lamp, push this
light switch is placed in 

h again will turn off the

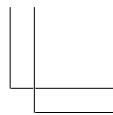
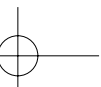
n dazzle people behind.

s in severe weather con-

OUTSIDE REAR VIEW MIRROR
CONTROL SWITCH

Adjust the outside rear view mirrors with the
adjusting switches so that you can see not
only each side of the road behind you but
also each side of your vehicle. This helps
you determine the location of objects seen
in the mirror.

You may adjust the outside rearview mirrors
up or down and left or right using the mirror
switch located on the driver's door panel.
The ignition switch must be ON to adjust the
mirrors.



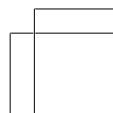
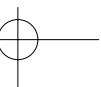
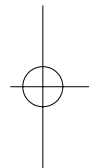
CAUTION
*can be impaired,
ial for accidents.
r angles before
urface for damage.
ay or blower to re-*

CAUTION
*y be damaged.
e from mirror face.*

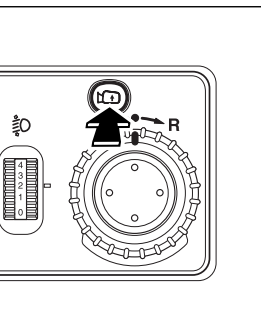
OUTSIDE REARVIEW MIRROR

The outside rearview mirror on the passenger's side is convex if it says "OBJECTS IN MIRROR ARE CLOSER THAN THEY APPEAR". Use this mirror to get a wider view of the road behind.

 WARNING
<i>Side convex mirrors make objects appear smaller and farther away than when viewed in a flat mirror.</i> • <i>Use the inside mirror to determine the size and distance of objects seen in the side mirror.</i> • <i>Maintain rearward vision from driver's seating position.</i>

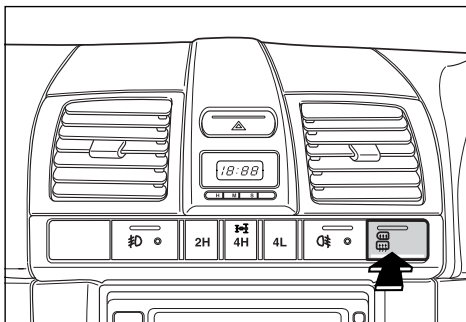


OUTSIDE REARVIEW MIRROR HEATER SWITCH*



For outside rearview mirrors, press the switch for more than 0.5 second. To turn off, press again.

OUTSIDE REARVIEW MIRROR & TAIL- GATE GLASS DEFOGGER SWITCH



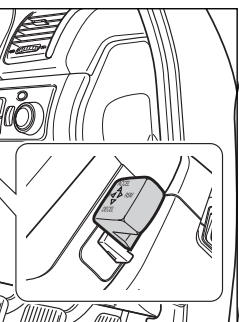
To demist or defrost the tailgate window or side rear view mirror, push the defogger switch when the ignition switch is in the "ON" position.

The defogger indicator in the cluster illuminates when the defroster is operating.

Pushing it again will turn off the demister operating.

If you operate this function again within 10 minutes after completion of first operation, it will operate for about 6 minutes.

OL*



Automatic speed control
ns a desired driving
the accelerator pedal.
ust be greater than 36
e control. This feature
or motorway driving.

CAUTION

Cruise control could

winding roads.

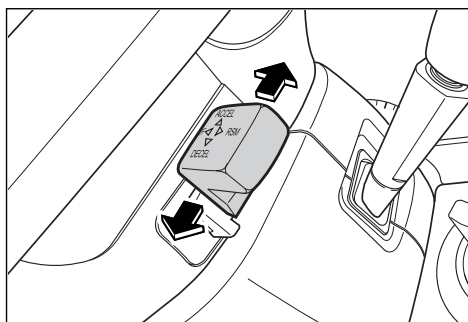
heavy traffic.

slippery, wet roads.

in a loss of control,

personal injuries.

Setting a Desired Speed



1. To operate the cruise control, accelerate to your desired speed using the acceleration pedal more over 36km/h.
2. When the desired speed is reached, push up the ACCEL.SET. switch of a cruise control lever or push down the DECEL.SET. switch for 1 second per one switching and then release the acceleration pedal, slowly.
3. Now, the vehicle is cruised by this system with set speed.
4. And you can set to other vehicle speed again with above steps after acceleration pedal intervention during cruise control running.

cruise control system is

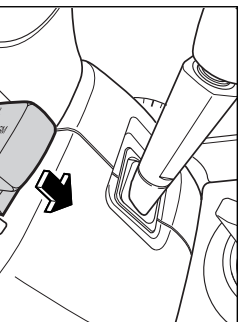
CECEL.SET. switch of a
lever less than 0.5 sec-
switching while the cruise
is running. This is a tap

rate a tap-up switching,
accelerated for 1.3km/h
ous set speed.
ccelerate for 13km/h, op-
up switching ten times
rating with cruise control

Decelerating with Cruise Control System

- While Cruise control system is running
 1. Push down the DECEL.SET. Switch of a cruise control lever and hold it until the desired speed is reached without a brake pedal intervention. But the cruise control system cannot maintain the cruise function at less than 34km/h.
 2. When the desired speed is reached, release the lever.
- When Cruise control system is not running
 1. Push down the DECEL.SET. Switch of a cruise control lever and hold it.
 2. And then release the acceleration pedal, slowly.
 3. When the desired speed is reached, release the lever. But the cruise control system cannot maintain the cruise function at less than 34km/h.

Speed



Control is canceled, the speed can be recovered by the RSM(resume) switch lever when the current speed is higher than 36km/h without interruption. But if you turn off the memorized set speed, you cannot recover the pre-

CAUTION

Operation should only be resumed when the driver is fully aware of the road conditions to resume this

Normal Cancellation of Cruise Control

The cruise control system will be canceled when one or more items of the following conditions is applied;

1. When the brake pedal is depressed.
2. When the cruising speed is downed less than 34km/h.
3. When the off switch is operated by pulling rearward the cruise control lever.
4. When ABD is activated.

And the cruise control system can be operated again in driving state.



CAUTION

Keep the main cruise control switch as neutral position when not using the cruise control.

CAUTION

*at has been set may
tained on uphill or
es.*

*ay drop to less than
d on a steep uphill
ccelerator must be
vant to maintain that*

*ay increase to more
peed on a steep down-
When the speed in-
much, turn off the
l.*

Using Cruise Control on Hills

How well cruise control works on hills depends on the speed, load, and the steepness of the hill.

When going up steep hills, you may have to press the accelerator pedal to maintain your speed. When going downhill, you may have to brake or shift to a lower gear to keep your speed down.

Applying the brake takes you out of cruise control.

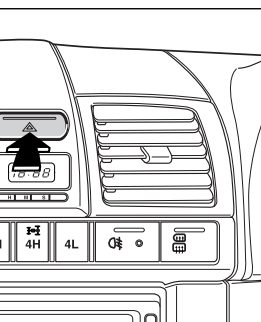
For lever in “P” position (mission) or apply the with the ignition switch seat and outside rear-button. Indicating light will come on and beep ends, press button you 1 or 3 of the position positions will be stored with “Beep”. sound.

the driver's seat and
new mirror switch
any settings, or
will be cancelled.
press the position
5 seconds after
"ET" button, memory
cancelled.
s are possible up to
ers.

1. Place the selector lever in “P” position (Automatic transmission) or apply the parking brake with the ignition switch “ON”.
2. Keep the position button pushed (for more than 1.5 second) until driver’s seat and outside rearview mirrors start to move.
3. If you press the button driver’s seat outside rearview mirrors will be recalled automatically to the memory positions.

- **To recall the memory positions, press the position button for more than 1.5 second.**
- **If you press “STOP” button or operate only one switch among the switches in order to adjust the driver’s seat outside rearview mirrors, recalling of the memory positions will be stopped.**

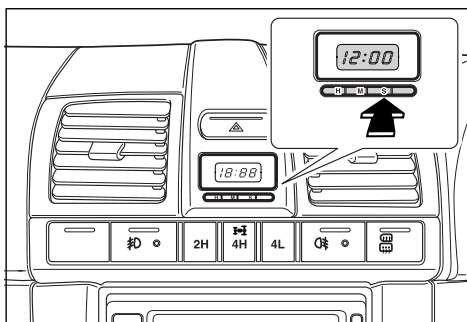
HAZARD WARNING FLASHER



When the hazard warning flashers, or the hazard warning flasher switch, are turned on, all the warning flashers will flash simultaneously. To turn them off, turn the switch back to the off position. The hazard warning flashers are operated with the ignition on.

Use the hazard warning flasher to warn other drivers when you stop or park under emergency conditions, or when your vehicle is in a hazardous location. Avoid stopping on the shoulder of a road.

DIGITAL CLOCK

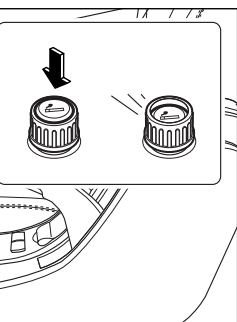


When the ignition is on, the time is displayed in the digital clock.

There are three adjusting buttons for the digital clock.

1. **H : Hour Adjusting Button**
To go forward one hour, press H button once using a pointer, such as ball-point pen, with the ignition on.
To go forward continuously, keep this button depressed.

RETTE LIGHTER



ette lighter, press it in
e ignition switch is in
sition.
eated, it automatically
se.

CAUTION

**Lighter becomes hot
an cause burns.
barrel of lighter.
hildren to operate
igarette lighter.**



CAUTION

***The lighter can be overheated and
this can cause a fire hazard.***

- ***Do not hold the lighter pressed in
by hand while heating.***
- ***If the lighter does not pop out
within 30 seconds, pull it out and
have the problem corrected by
Ssangyong Dealer.***

NOTE

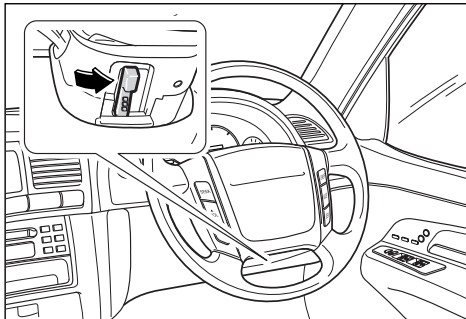
***Use of the lighter socket for plug-in
accessories can cause damage or
electrical damage.***

TILTABLE STEERING WHEEL**CAUTION**

*Do not be overheated and
a fire hazard.
If the lighter pressed in
the heating.
If it does not pop out
immediately, pull it out and
the problem corrected by
the dealer.*

NOTE

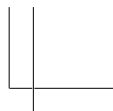
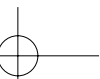
*Do not use the lighter socket for plug-in
in cause damage or
fire.*



The steering wheel can be adjusted up or down to the desired position. To adjust the steering wheel, push the control lever to the right, adjust the wheel up or down to the proper position, release the control lever to lock the wheel in place.

⚠ WARNING

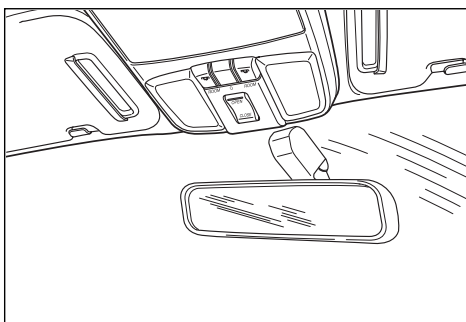
***Control of vehicle can be lost.
Do not adjust steering wheel position
while vehicle is moving.***



CAUTION
Do not adjust the mirror position.
Adjust the mirror position and adjust to the correct position to reduce glare.
Incorrect position may reduce clarity.

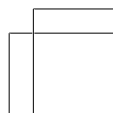
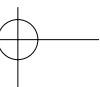
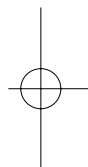
NOTE
Do not lose some rear-view mirror position.

AUTOMATIC DIMMING INSIDE REARVIEW MIRROR*

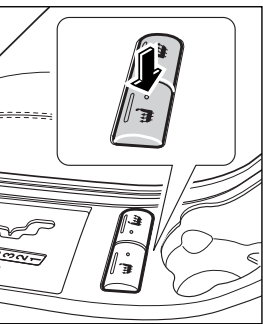


At night, when the glare is too high, the mirror automatically responds to variations in light, changing from no antiglare to antiglare as required. The sensor under the mirror automatically detects the glare from headlights behind you and reduces the glare.

NOTE
When the vehicle is reversing, automatic dimming function will be canceled to provide you clear view.

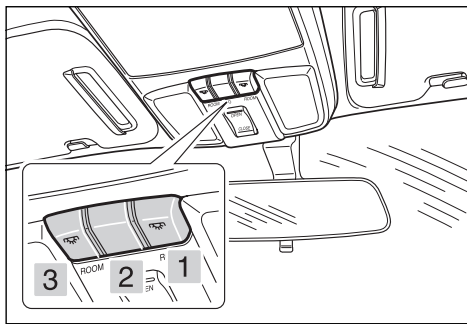


DOOR SWITCH*



the cold weather for your
to warm the seat, and
op the operation.

FRONT ROOM LAMP

**1. ROOM Position**

The left lamp comes on if you depress this switch. To turn off the light, press the switch again.

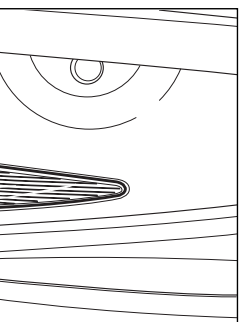
2. DOOR Position

The lamps come on when either of the doors is opened. When the DOOR switch is on, it begins to dim for several seconds after closing the door.

3. ROOM Position

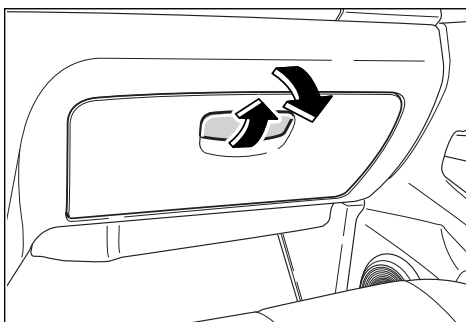
The right lamp comes on if you depress this switch. To turn off the light, press the switch again.

HT



located on the driver's
to illuminate the space
turns on when the door
s of the ignition switch

GLOVE BOX

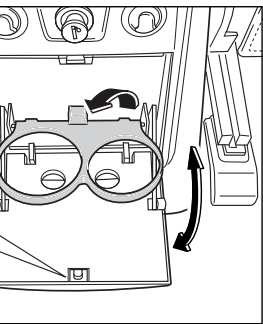


Open the glove box by pulling the release lever and the indicator lamp comes on for your usage at night when the ignition switch is in the ACC or ON position. Close it with a firm push.



WARNING

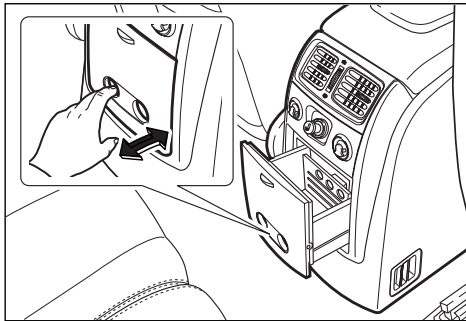
***Driving with glove box lid open can cause injury in case of an accident or a sudden stop.
Keep glove box lid closed when driving.***

CUP HOLDER

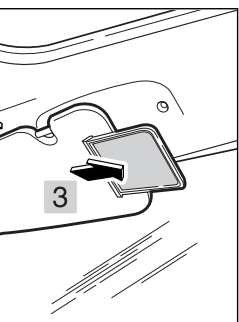
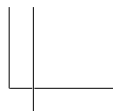
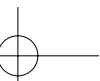
g cups or beverage cans.
ll the knob located in the
cover, the cover opens.
cup holder to use.
ler until you hear a click-
ou close it.

CAUTION

*in motion, the liquid
can damage the ve-
e burns if it is hot.
holder while vehicle*

REAR CONSOLE BOX

Insert your finger into the cover hole and pull
out the console box to store some goods.

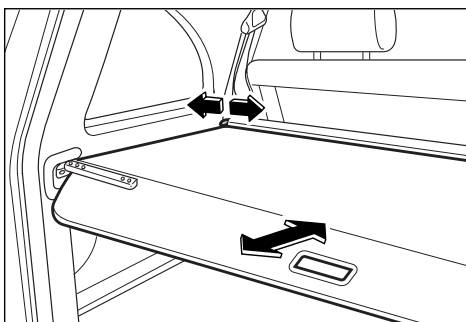


the main sunvisor and
can be swung down or
necessary.
and illumination are pro-
e of the sunvisors.

CAUTION

***sunvisor in such a
obscures visibility of
ic or other objects.***

LUGGAGE COVER (EXCEPT FOR 7-SEATER)



When Unrolling the Luggage Cover

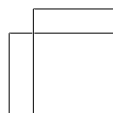
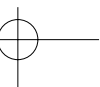
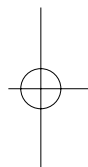
Pull the handle of the luggage cover at the center, and fix it into the grooves at left and right sides of quarter trim inner panels.

When Rolling the Luggage Cover

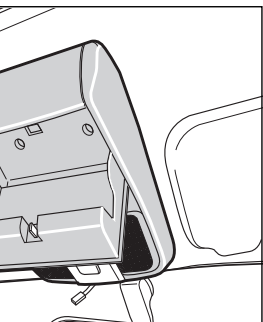
Take the luggage cover out of the grooves by pulling the handle and let go the grasp slightly to roll the luggage cover.

When Removing the Luggage Cover

After tearing off the edge of luggage cover at the back of rear seat, remove the luggage cover assembly by raising up it from the fixing holder's grooves.



CONSOLE

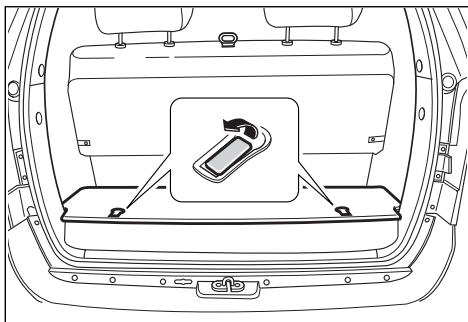


rtion of the cover to open
old the sunglasses onto

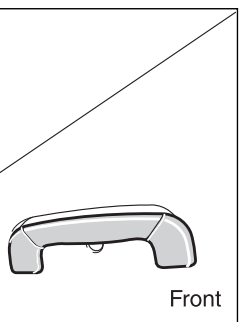
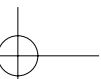
CAUTION

be damaged, fix it

STORAGE BOX (FOR 7-SEATER)



Flip the lever from each side and lift up the
cover.

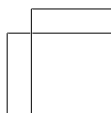
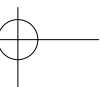
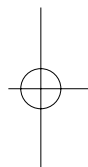


assist grips above the
r's door and the rear

rear doors includes a

the grips for assistance
e vehicle, or for hand
driving.

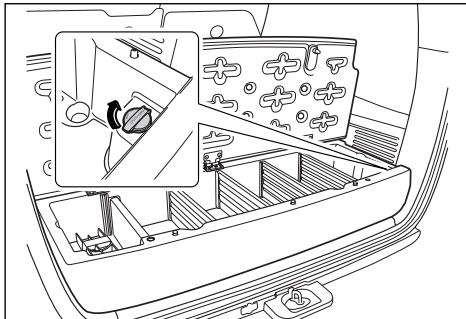
 WARNING
<i>Do not hang anything on the assist grips, unless they are equipped with a coat hook.</i> <i>Hanging items on your vehicle's assist grips can obstruct the driver's view.</i> <i>Obstructing the driver's view can lead to an accident resulting in personal injuries and damage to your vehicle or other property.</i>



CAUTION

Do not operate the vehicle with any electrical appliance plugged-in. This may cause battery discharge or electrical appliance damage after usage.

REAR ELECTRIC SOCKET

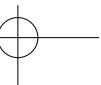
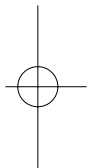
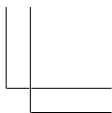
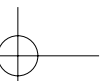


There is an auxiliary power outlet in the rear (right side) of the passenger's seat for the extra electrical devices.

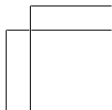
This power outlet supplies power when the ignition key is in "ACC" or "ON" position.

⚠ WARNING

- *For the extra electrical devices, you must use power outlet. If you alter vehicle's wiring lines freely, there could be accidents like fire.*
- *Abide by the nominal capacity of 120W.*



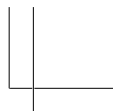
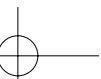
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4

SEAT AND RESTRAINT

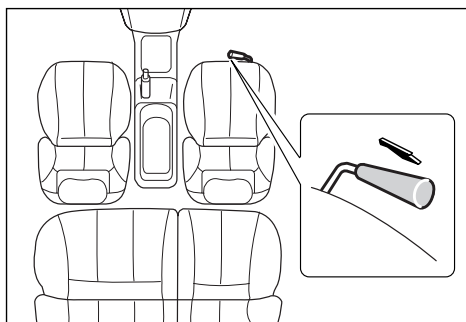
2004-05-21, 10:31 AM, Adobe PageMaker 6.5K/Win



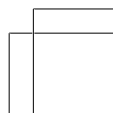
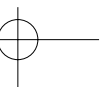
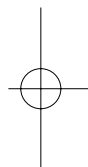
WARNING
*Seats can be lost.
Move seats back when vehicle
is parked.*

WARNING
*Do not slide seats under seat belts.
If seat back too much,
roll-over protection, adjust
seat back to upright as you can.*

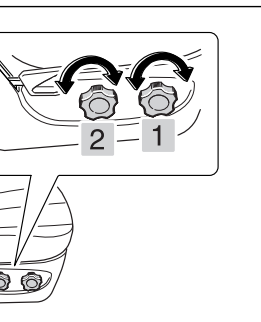
FRONT SEAT SLIDE ADJUSTMENT (MANUAL SEAT)



To move the seat forward or backward, pull and hold the seat slide lever up and move the seat as required. Then, release the lever in desired position.



SEAT HEIGHT (MANUAL SEAT)

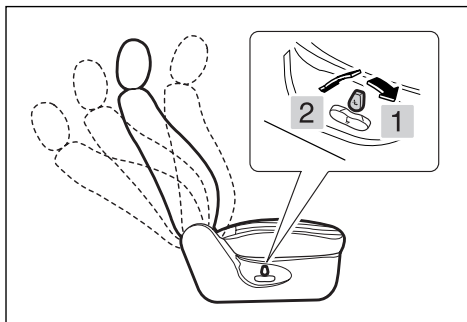


Knob (1) forwards to lower the seat cushion and rotate rearwards to raise the seat cushion.

Knob (2) forwards to lower the seat cushion and rotate rearwards to raise the seat cushion.

When the rear knobs are rotated forward, the seat cushion will be lowered. When rotated rearwards, the seat cushion will be raised. Adjust the seat height while seated on the seat.

FRONT SEAT BACK RECLINING ADJUSTMENT (POWER SEAT)*



To adjust backrest angle, move the switch in the direction of the arrows.

Press the top of the switch forward to move the backrest forward and press the top of the switch backward to move the backrest backward.

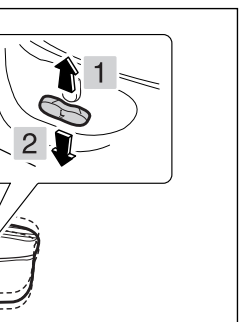


WARNING

Occupants can slide under seat belts.

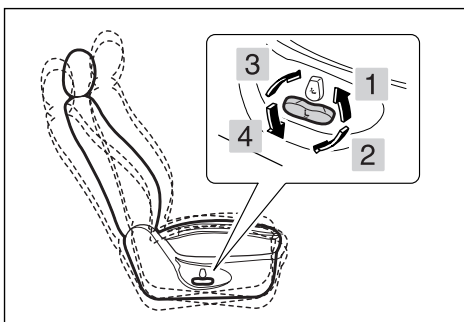
- ***Do not recline seat back too much.***
- ***To get maximum protection, adjust seat back as upright as you can.***

HEIGHT (POWER SEAT)*



To adjust the seat height, move the seat up or downwards. Raise or lower the seat electrically as required by the driver's seat (applying load).

DRIVER'S SEAT TILT ADJUSTMENT (POWER SEAT)*



To adjust the front and/or rear portion of the seat cushion respectively, move the front and/or rear of the control lever upwards or downwards separately.

1. Up : Front portion of the seat cushion
2. Down : Front portion of the seat cushion
3. Up : Rear portion of the seat cushion
4. Down : Rear portion of the seat cushion

THE POWER ION

CAUTION

*Vehicle can be lost.
t driver's seat while
oving.
witch operation could
y discharge.
electric seat while the
nning.
ulti-operation of the
, it can damage the
e to operate the elec-
rder.*

*will be operated even
ition switch is turned
position, however to
attery discharge, op-
ats when the engine*

*attery voltage is low,
er may not in opera-*

⚠ CAUTION

*Loose objects can interfere with seat-
slide mechanism.*

- *Do not place objects under seat.*
- *Do not attempt multi-operation in
your seat at a time, or it can dam-
age your motor.*

*Please operate the seats in order
one after another.*

⚠ CAUTION

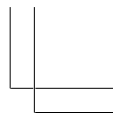
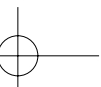
You may get burnt.

- *Do not use the seat heater for a
long time if you are wearing a thin
skirt or trousers.*

⚠ CAUTION

Heating wires can be damaged.

- *Do not subject the front seats to
heavy impacts.*

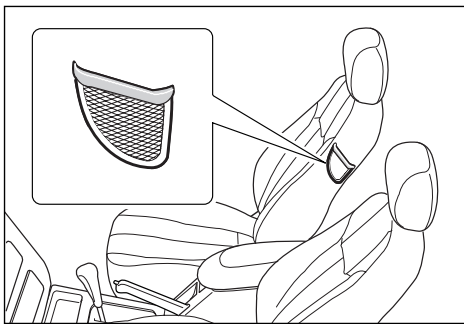


BACK STORAGE

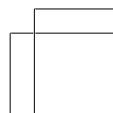
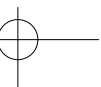
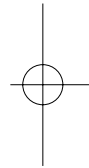


storage pocket is pro-
blems.

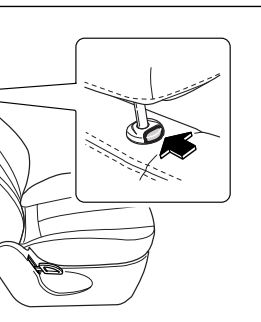
PASSENGER'S SEAT SIDE STORAGE POCKET



The passenger's seat has side storage
pocket for storing small items.



RESTRAINTS



designed to help reduce injuries.

ection, slide the head restraint down so the top of the headrest is level with the top of your ears. To adjust the head restraint, press the release button on the top of seatback and push the head restraint forward.

To remove the head restraint, pull it up to the stop position. While pushing the release button, lift the head restraint from the guide sleeve.

To remove the head restraint

1. Pull it up to the stop position.
2. While pushing the release button
3. Lift the head restraint from the guide sleeve.



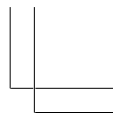
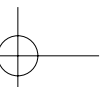
WARNING

Removed or improperly adjusted head restraints can result in serious head and neck injuries in case of a collision.

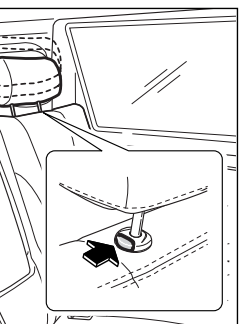


WARNING

Make sure that the head restraint are in place and adjusted before driving.



SEATBELT RESTRAINTS



designed to help reduce injuries.

tion, slide the head restraint so the top of the headrest is at the top of your ears. To adjust the head restraint, press the release button on the side of the seatback and push it

restraint, pull it up without pressing the release button.

To remove the head restraint

1. Pull it up to the stop position.
2. Lift the head restraint from the guide sleeve while pushing the release button.



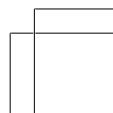
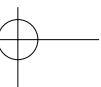
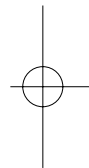
WARNING

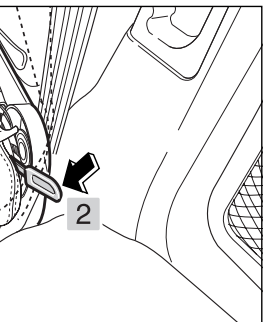
Removed or improperly adjusted head restraints can result in serious head and neck injuries in case of a collision.



WARNING

Make sure that the head restraint are in place and adjusted before driving.



**SECOND SEAT
(SIDE)**

and restraint height to the
and right seat back lever
t back forwards.

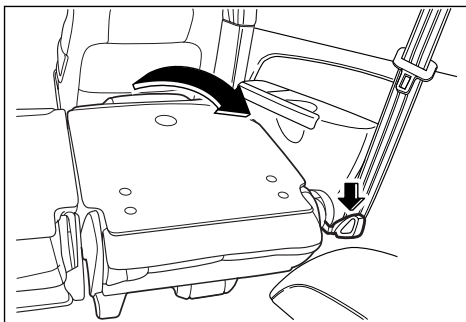
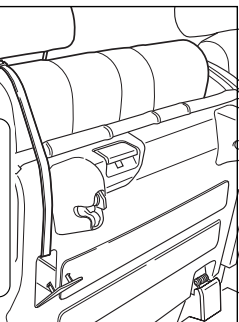
⚠ WARNING

When folding the seat back, hold the seat back or head restraint by hand and fold forward slowly. If you fold abruptly, there could be injuries in your face or other body parts due to seat back forces or shocks.

⚠ WARNING

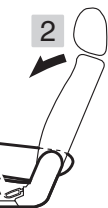
To help avoid injuries, make sure your hand and any other body parts, as well as those of other persons, are completely away from the rear seat compartment when folding the rear seat.

UNFOLDING SECOND SEAT (FROM REAR SIDE)



ect the seat to the front
out the strap from the
asten the seat safely.
be hooked to the pole
d restraint.

1. Unhook the strap and put into the bottom box.
2. Lock the seat to the floor (make sure of the locking-if not locked, the seat may fall over during driving).
3. Unfold the seat back while pressing the lever.



CAUTION

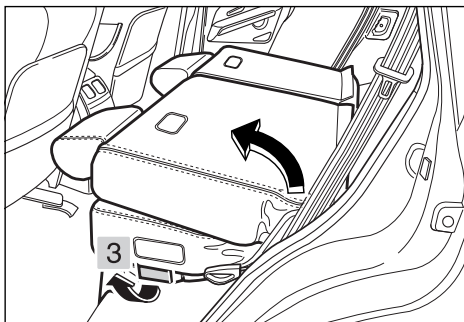
When unfolding the seat to its original position, be careful not to cause injuries on knees or feet to whom seating on the third seat.

WARNING

When folding the seat back, hold the seat back or head restraint by hand and fold forward slowly. If you fold abruptly, there could be injuries in your face or other body parts due to seat back forces or shocks.

WARNING

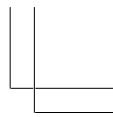
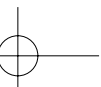
When folding the seat back, make sure no one is in the seat. If there are injuries, make sure no one is in the seat. If there are injuries, make sure no one is in the seat.



3. Pull up the lever from under the left and right seat to release the lock and fold the seat.

WARNING

When folding the seat back, hold the seat back or head restraint by hand and fold forward slowly. If you fold abruptly, there could be injuries in your face or other body parts due to seat back forces or shocks.



SECOND SEAT CAUTION

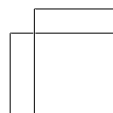
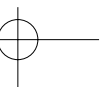
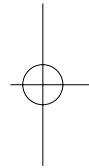


CAUTION

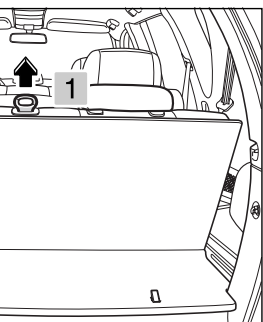
Return the seat to its original position. Be careful not to cause injury to passengers or feet to whom the seat is facing.

WARNING

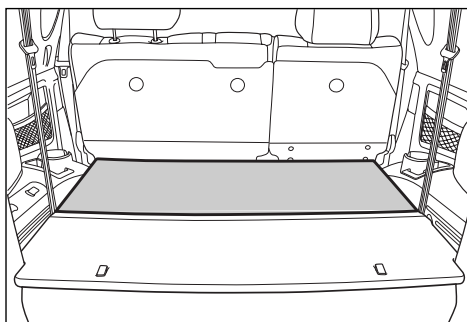
- *Do not stack luggage or other cargo higher than the front seats.*
- *Do not allow passengers to sit on the folded seatbacks while the vehicle is in motion.*
- *Unrestrained luggage or passengers on a folded seatback can be thrown about within or ejected from the vehicle in a sudden stop or accident.*
- *Serious injuries or death can be resulted from them.*
- *Ensure that the rear seatbacks and rear seat cushion are locked in position before operating the vehicle with passengers in the back seat.*



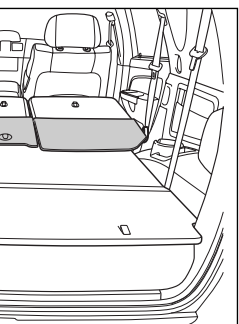
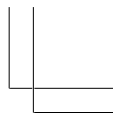
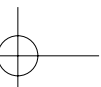
RD SEAT (GAGGAGE ROOM)



rests in third seat to its
t back folding ring (1) lo-
p of the seat and fold the
ard completely.



3. Release the seat rear protector and fold forward.



roll-over protection.

CAUTION

After making a bed,
move to the safe place and

SEAT BELT PRECAUTIONS

To protect you and your passengers in the event of an accident, it is compulsory that the seat belts are worn by all occupants while the vehicle is in use. Seat belts should be worn correctly.

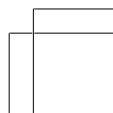
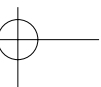
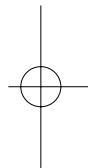
Each seat belt is designed to be used by only one person at a time : they are not suitable for use by children below 6 years of age. Suitable child seats/booster cushions should be fitted.



WARNING

Occupants could be injured seriously in collisions or sudden maneuvers.

- ***Wear seat belts at all times when driving or riding.***
- ***Never use a belt for more than one person at a time.***
- ***Do not wear seat belt over hard or breakable objects in pockets or on clothing.***



WARNING

*to replace the entire
or it has been worn in
ect even if damage to
is not obvious.*

*and not be worn with
.*

**SEAT ASSEMBLY MUST
D BY ONE OCCUPANT;
s to put a belt around
ng carried on the
p.”**

*tions or additions
de by the user which
event the seat belt
vices from operating
ack, or prevent the
embly from being ad-
ove slack.*

**CAUTION**

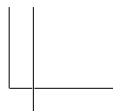
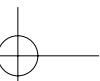
*Improper use of seat belt can cause
more serious injury.*

- *Do not modify the seat belt.*
- *Do not add adjusting device which
restrict removing slack.*

**CAUTION**

*Damaged seat belts can cause more
serious injury.*

- *Repair or replace damaged seat
belts immediately.*
- *Never let the seat belt system be-
come damaged by a door or seat.*



WARNING

Loose lap belts and loose seat belts both could increase the risk of injury or death in a crash. Buckle up properly under the lap belt.

CAUTION

Incorrect seat belt causes injury. Buckle up properly. Buckle button should face forward.

Do not buckle into proper

***locking into the open-
belt passes through***

NOTE

***When being pulled
completely in the
pull it out to the de-***

CARE OF SEAT BELTS

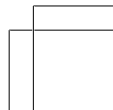
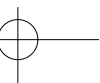
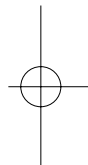
Always keep the seat belts clean and dry. Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water.

Do not bleach or dye belts since this may severely weaken them. Make sure that the belt is not damaged or trapped by sharp edged objects.

Periodically inspect all parts of the belts and have damaged parts replaced. A belt which has been overstretched in an accident must be replaced by a new one.

Ssangyong recommends replacing all component parts of the seat belts in use during a collision. No replacement is required after a minor collision if a Ssangyong Dealer or Ssangyong Authorized Service Operation finds that no damage has occurred and judges everything to be in proper working order.

Seat belts and components that were not in use during the collision must also be inspected and replaced if they show signs of damage or faulty operation.



WOMEN

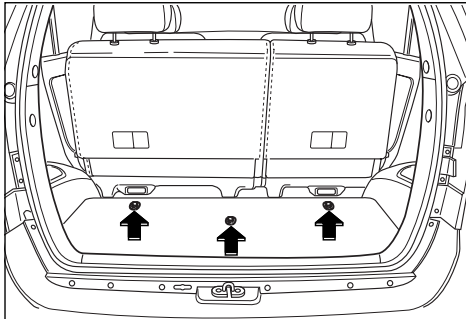


that pregnant women use
your doctor for specific

WARNING

en and unborn child
d.
ulder seat belt if pos-
t your doctor).
ld be worn as low as
ghout the pregnancy.

CHILD RESTRAINTS



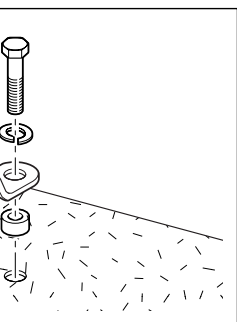
Anchorage Locations

Child restraint anchor fittings have been in-
stalled to coincide with the rear seating po-
sitions as follows.

 WARNING

***Unrestrained infants and small chil-
dren could be injured.***

- ***Never transport them unless they
are properly restrained.***
- ***Use restraint system which meet
safety standard.***
- ***Follow directions provided by the
manufacturer.***



Installation

is designed to accommodate the child restraint on the rear seat. Before installing the child restraint, read the instructions supplied with the child restraint and the vehicle's directions for fitment.

When installing the child restraint, use the correct size bolt (5/16" bolt).

The bolt must be engaged at least 5 threads in the seat's anchorage.

The child restraint system should be secured to the vehicle's seat by pushing and pulling the child restraint in all directions to ensure it is secure.

Secure the child in the restraint in accordance with the manufacturer's instructions. If you have any queries regarding the installation of a child restraint, consult a Ssangyong Dealer.

WARNING

Child restraint system placed in the front seat could cause more serious injury or death

- ***NEVER INSTALL A REAR-FACING CHILD RESTRAINT IN FRONT SEAT WITH FRONT PASSENGER AIR BAG.***

A child in a rear-facing child restraint installed in the front seat can be seriously injured if the front passenger air bag inflates.

Secure a rear-facing child restraint in the rear seat.

A front-facing child restraint should be secured in the rear seat whenever possible. If installed in the front passenger seat, adjust the seat as far back as it will go.

CAUTION

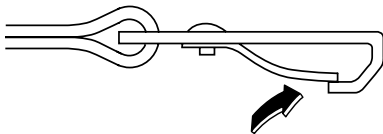
Do not enter the vehicle

*Do not use anchor holes with
screw or suitable bolts.*

NOTE

*Do not use belt or child restraint
if the vehicle is very hot if it is
in the vehicle, be sure and
cover and buckles
a child there.*

Child restraint attaching clip

**Installation of the attaching clip**

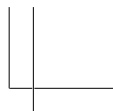
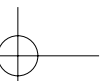
Positive engagement of the child restraint attaching clip is achieved by depressing the retainer spring and then opening the anchor fitting as shown in the illustration.

Method of installation of anchor engagement

1. Child restraint anchor fitting
2. Attachment bolt
3. Lock washer

A 5/16"-UNC-2B-bolt with a thread length of 30 mm is used to attach the anchor fittings to the vehicle anchorage.

For fitting advice, please contact your authorized Ssangyong Dealer.



WARNING

Do not use a child restraint unless you have read the instructions provided by the manufacturer. Always keep your child properly secured with a seat belt and do not move it from the vehicle.

Do not leave a child alone in the vehicle while riding.

Do not stand or kneel on the seats.

Do not place a child in the cargo area of the vehicle while the vehicle is moving. Do not allow an outgrown child to sit in the vehicle unless properly restrained with a seat belt.

Do not use a seat belt if the vehicle is in a position that has a load capacity which is on or very close to the limit. If the load is on the head or neck, move the load to the center of the vehicle. If the load is inboard of the center, move the child to the outside of the vehicle or move the child to the outside of the vehicle to use a shoulder belt.

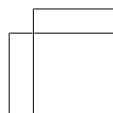
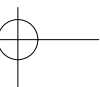
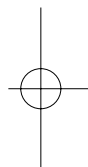
THREE POINT SEAT BELT

Each Ssangyong vehicle is equipped with three point seat belts with automatic retractors, allowing freedom of body movement when driving at even, constant speeds, although the spring-tensional belts are always fitted snugly.

The belt has a “vehicle sensitive retractor” which is designed to lock during heavy acceleration or deceleration.

Do not attempt to test the locking device by intentionally “shooting” your upper torso in the forward direction.

This type of belt requires no length adjustment. Once worn, the belt adjusts itself to the movement of wearer, but in the event of a sudden or strong shock, the belt automatically locks to restrain the wearer’s body.



LAP BELT

...t, depress the red push-
...kle. The belt will retract

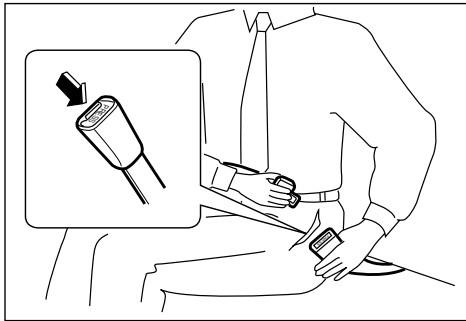
WARNING

of seat belts could

*the shoulder portion
under the arm.*

*should be positioned
the shoulder, never
ck.*

*uld be fitted snugly
ips, not the waist.*



Insert the metal latch plate into the buckle
until it locks.

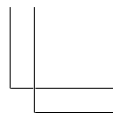
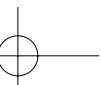
To lengthen, hold the metal latch plate at
right angles to the belt and pull on the belt.
To shorten, pull the free end of the belt
away from the metal latch plate, then pull the
belt clip to take up the slack.

Position the lap belt low on the hips.

To remove the belt, depress the red button
on the buckle.

NOTE

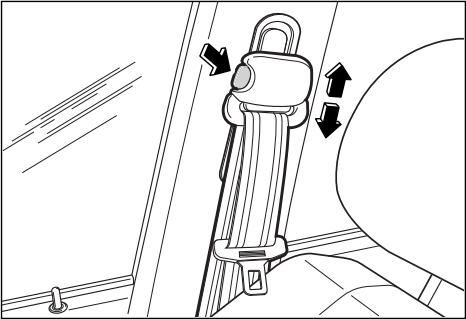
*Lap belts are installed in the center
of the second seat.*



CAUTION
Incorrectly fastened seat belt can result in serious injury. Always latch metal latch into force.

NOTE
The rear seat shoulder belt should be centered rear lap belt, metal latch plate is correct buckle to protection from the

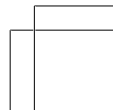
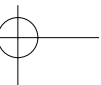
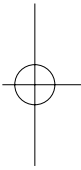
SEAT BELT HEIGHT ADJUSTOR



The seat belt height adjustor is provided for the front seat.

Press the side button and slide the retractor upward or downward to obtain snug and fit position. You can adjust to 4 positions.

This is particularly important if a smaller person has previously selected a lower position. Too low or high a position can impair comfort.



plemental Restraint System
additional protection for
passenger against head and
neck injury in the event of a collision.
The system activates during a collision
when the ignition key

inflates, an operating noise
may produce a small amount of smoke
which is harmless. The gas is harm-
less and does not indicate that there is a fire.
Fatal injuries, can occur in
a collision, even if seat belts are
worn and the air bags inflate. No
system can provide complete protec-
tion. Just from viewing the
damage after a crash, it is very dif-
ficult to determine if the air bags
inflated. In some cases, if the air
bag did not inflate, ex-
ternal damage indicate that the car
absorbed the crash energy, and the
bags were not needed. In other cases,
a severe impact to the un-
dercarriage may not cause extensive body
damage and the air bags to inflate.

 WARNING

Occupant could be injured.

- ***Wear the seat belt at all times even if your vehicle is equipped with an air bag.***
- ***The air bag system serves as supplement to the seat belt.***

 WARNING

***Alteration of components could in-
jure someone.***

- ***Do not modify original components.***

 CAUTION

***Treatment by unauthorized persons
could be dangerous and cause inju-
ries.***

- ***The air bag system must only be disposed by Ssangyong Dealer.***
- ***The air bag system must only be replaced by Ssangyong Dealer.***

WARNING

*...e injured seriously
...ision.*

**...L A REAR-FACING
...INT IN THE FRONT**

*...child restraint could
...the inflating front
...bag. Always secure
...child restraint in the*

*...g child restraint
...red in the rear seat
...ible. If installed in
...adjust the seat as
...will go.*

*...ave outgrown child
...s should sit in rear
...strained with seat*

CAUTION

*Repairs by unauthorized persons
could cause injury.*

- Repairs to instrument panel
should only be done by Ssangyong
Dealer.*

CAUTION

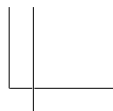
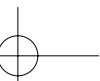
- Once air bag system is triggered,
the triggered bag assembly should
be removed from the vehicle and
replaced with new one.*
- You could suffer injuries of abra-
sion on your hands and face skins
after deployment.*
- Even if your vehicle is crashed in
low speed (out of air bag inflation
range), check and service your ve-
hicle for your safety.*
- Do not move your seat too close to
the steering wheel or dashboard.*

WARNING

s made by nylon, so light injuries like burn during airbag deployment. Never modify the air bag pretensioner related components. Always use the correct service tools and follow the cautions should be followed for the air bag and seat belt pretensioner. The air bag and seat belt pretensioner will be defective if not used properly, even death. The air bag and seat belt pretensioner contain explosive materials in the air bag and seat belt pretensioner, so always use Ssangyong Dealer or Ssangyong Authorized Service Center to scrap the vehicle. If the air bag is inflated, the components will be very hot. Do not touch them until they cool down to prevent burning. Always use the correct postures on the seat.

 WARNING

- *Never attempt to disassemble, assemble or repair the air bag system in other than Ssangyong Dealer or Ssangyong Authorized Service Operation.*
- *Never modify or change the steering wheel with other non-genuine parts.*
- *If the air bag warning light in the instrument panel stays ON, there could be defectives in the system, check and repair from Ssangyong Dealer or Ssangyong Authorized Service Operation.*
- *The air bag system should be inspected after 10th year from its installation regardless of its appearance and other conditions.*



CAUTION
*Authorized persons only.
Steering wheel, steering
air bag should be
Ssangyong Dealer.*

WARNING
*Required at all times.
Air bag will not activate*

*System is designed to
protect driver's head and chest
with full sized air bag and
located in the driver's upper*

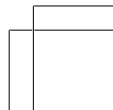
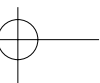
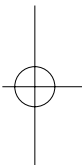
*Occupant seat belts may in-
crease severity of personal
injury.
Do not touch components, par-
ticularly the steering
column, very hot after
touch them.*

AIR BAG WARNING LABEL

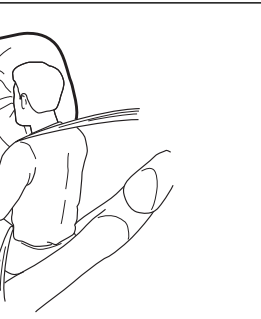
Most notably is the information label which has been attached to the driver's sun visor and head lining.
Because others who operate your Rexton may not have the opportunity to read this in advance, the visor and head lining label must not be removed.
In addition, other labels have been placed in inside panel of steering wheel body, engine room and battery cable as followings.
These also must not be removed.

Sunvisor Side

 WARNING
<i>Take down the sunvisor and see SRS Air bag warning on head lining.</i>



DRIVER'S AIR BAG*

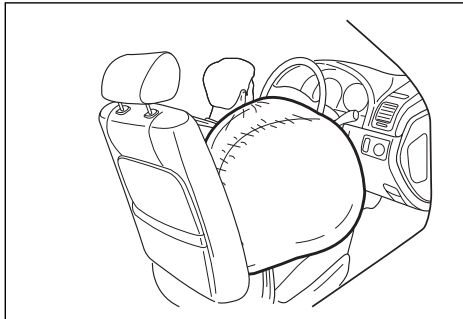


on the upper side of glove
the same types as fitted

the large and inflates with
e. It can seriously hurt a
er who is not the proper
earing the sea belt prop-

ger should move the seat
ctical to sit well back in

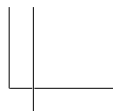
SIDE AIR BAG*



Side air bags are inside of the driver's and
passenger's door and will be triggered
when side collision.

WARNING

- ***Do not lean or impact on the seats equipped with side air bag.***
- ***Do not modify or cover the seats equipped with side air bag.***

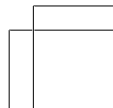


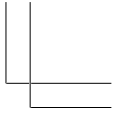
WHEN COMES ON THE AIR BAG WARNING LIGHT*



The system may have some defectives and results in inoperative when in a collision. Have the system checked and repaired immediately by Ssangyong Dealer or Ssangyong Authorized Service Operation.

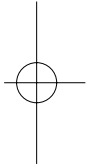
Have the system checked and repaired immediately by Ssangyong Dealer or Ssangyong Authorized Service Operation.



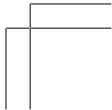


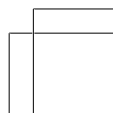
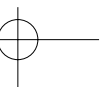
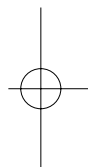
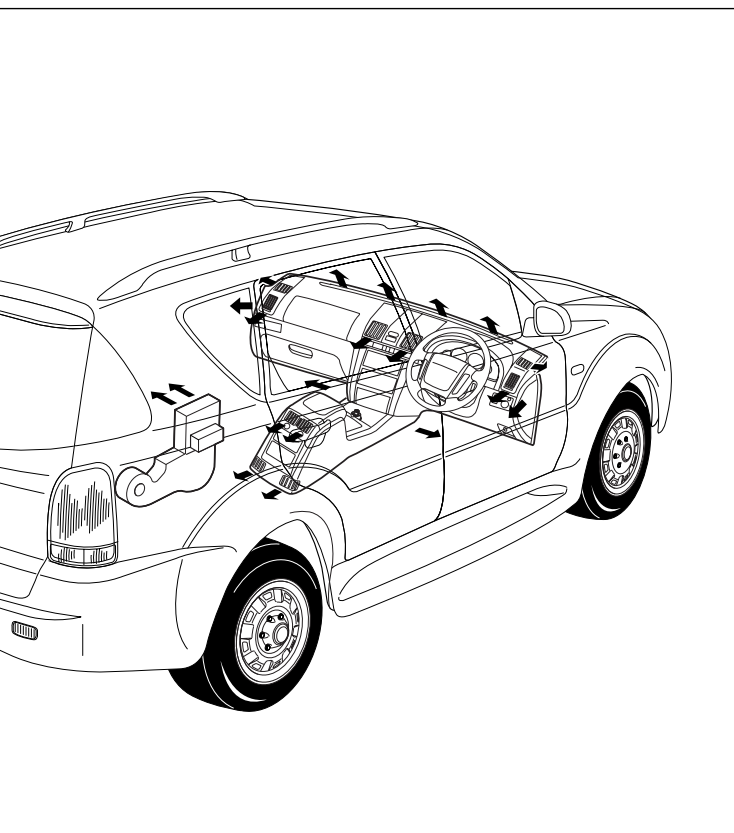
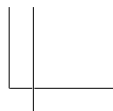
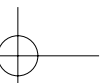
5

VENTILATION, HEATING AND AIR CONDITIONING*

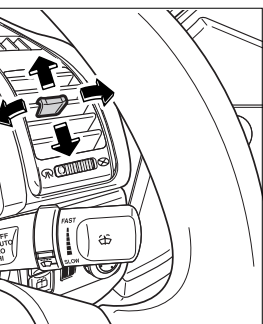


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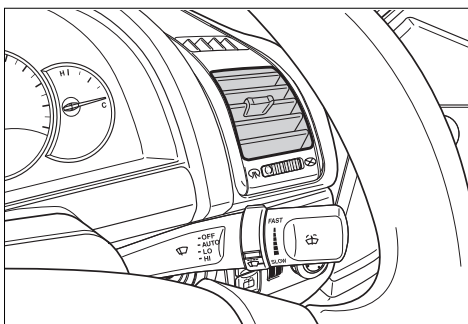


CONTROL



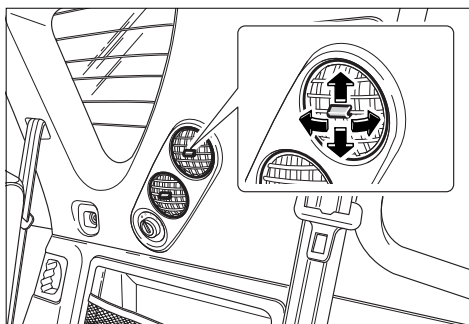
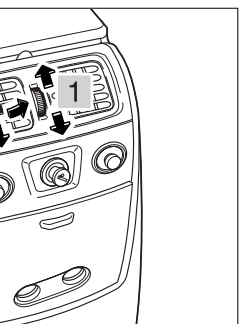
the direction of airflow by
position.

VENT



Front Left and Right

You can control the volume and direction of the airflow through both adjustable side vents toward either side of the front passenger area.

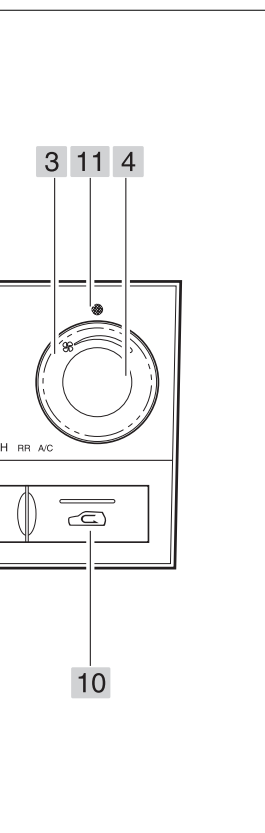


Rear Seat

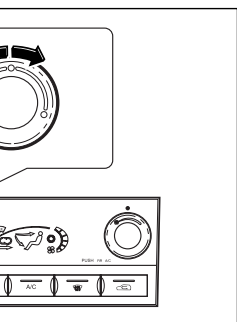
You can control the direction of the airflow through adjustable side vents toward side of the rear passenger area.

Volume and direction of
both adjustable center
vent of the rear passen-

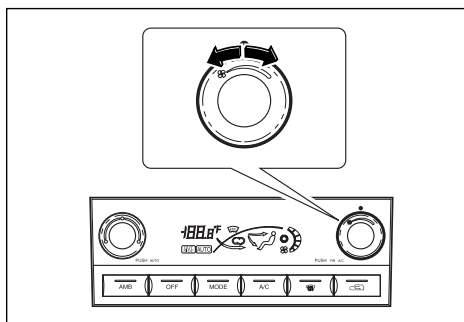
VENTILATION, HEATING AND AIR CONDITIONING* 5-5



1. Temperature control switch
2. AUTO switch
3. Fan speed control switch
4. Rear air conditioner switch
5. AMB switch
6. OFF switch
7. MODE switch
8. Air conditioner switch
9. Defroster switch
10. Air source selection switch
11. Rear air conditioning indicator



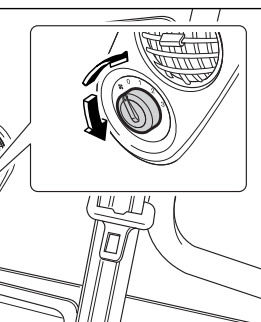
counterclockwise to
ature by 0.5°C degree.
clockwise to raise the
5°C degree.



- Turn the switch counterclockwise to reduce the fan speed.
- Turn the switch clockwise to increase the fan speed.

When the switch is operated, the fan speed shows up as bar and “AUTO” goes out.

AMB SWITCH

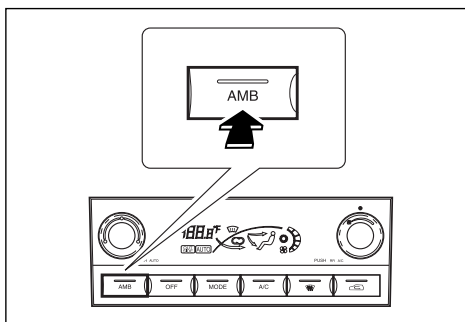


When the fan speed knob is rotated, the fan speed is controlled in 3 stages.

The air direction control knob is used to adjust the airflow direction.

CAUTION

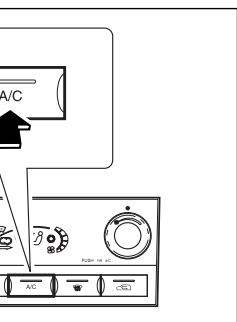
Air conditioner cannot operate on the front air switch, front fan speed switch and rear air conditioner even if the rear fan speed switch is operated. The rear fan speed switch comes in according to the control switch position.



If you press the switch, it will show you the ambient temperature for 5 seconds. It will be returned to its original display after displaying the temperature. On the VFD, the OUTSIDE indicator will be comes on.

If you press the switch again during its ambient temperature display, it will be returned to its original display.

AIR SWITCH



When you press the switch, the indicator light comes on and the air conditioner operates.

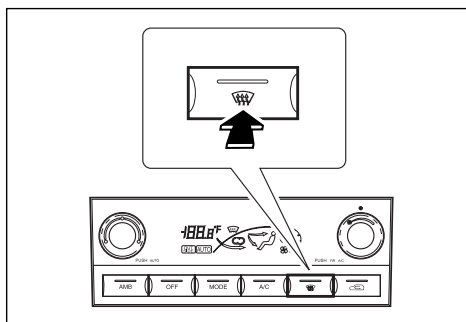
When you press the switch again, the air conditioner stops operating and the indicator light goes out.

The indicator light can't come on during the defrosting operation.

CAUTION

When the ambient temperature is low, the air conditioner may not operate properly. Even if the indicator light comes on, the air conditioner may not operate properly.

DEFROSTER SWITCH

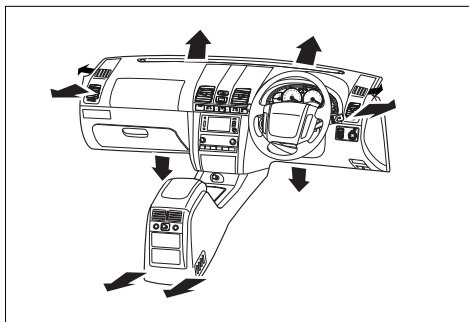
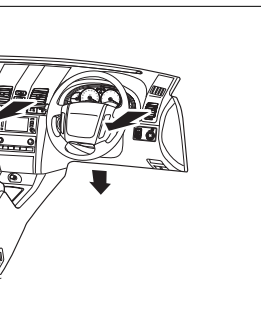


When you press the switch, the airflow direction will be changed to windshield and door glasses, the air conditioner operates automatically and outside air comes in. At this moment, the indicator (DEF) comes on. When the defrosting is completed, press the switch to return to normal operations.

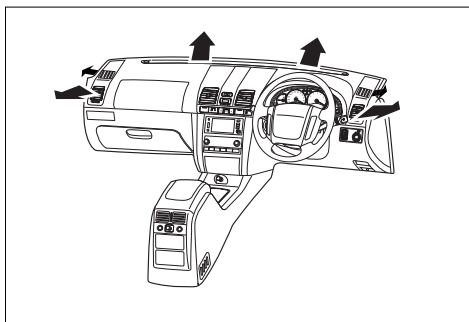
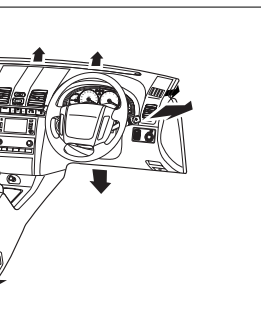
When the switch is operated, the air conditioner indicator (AC) and fresh air intake mode indicator (FRESH AIR) comes on. At this moment, AUTO indicator goes out.

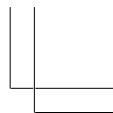
VENTILATION, HEATING AND AIR CONDITIONING* 5-9

 Position



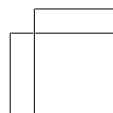
 Position





is not sufficient, your
be dropped.

When the air conditioner is not used in periods, odors will come out. Run the air conditioner for 20~30 minutes with the doors opened and you could remove the odors.



OPERATION OF EACH

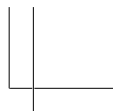
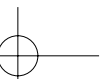
Relevant switch of the air conditioner, you can control the operation, airflow direction, source by manually.

When in cooling/heating, if you want to operate the air conditioner manually by the air conditioner switch, fan speed switch, airflow mode switch, air direction switch, then the air conditioner will continue automatic operation. At any moment, the AUTO indicator will be lit.

To return the air conditioner to automatic functions again, press the AUTO button. When the AUTO indicator is lit, the AUTO indicator

SIDE VENT - SIDE BLEED FUNCTION

Side vent has side bleed function that blows air regardless of selected mode switch, so it can prevent fogging or icing on the side glasses by directing side vent toward side glasses during the winter.



Temperature Coefficient)

heater is an electrical air
called on the heater out-
improves the heating
the temperature of flow-
ger room.

tional/non-operational
trol unit supplies/cuts-
according to the cool-
and the ambient

Condition

ed when the tempera-
y position other than
e coolant temperature
emperature is within a

Condition

switch is at "OFF" po-

t temperature sensor
inking
oltage
g process (indicator ON)

REPLACING AIR CONDITIONER FILTER

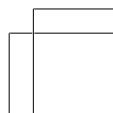
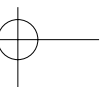
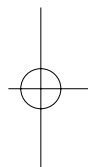
Replace the air conditioner filter at every 10,000 km of driving. However, if the vehicle is operated under severe conditions such as dusty road, unpaved road, and excessive air conditioner and heater operation, shorten the replacement interval.

CAUTION

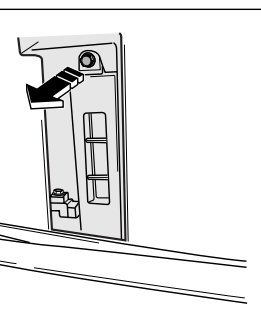
If the air conditioner filter is contaminated, cooling capacity is decreased and unpleasant odor is generated.

Replace the air conditioner filter when

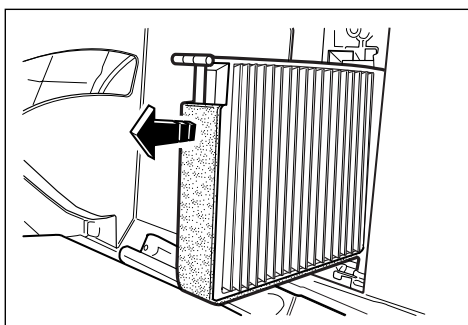
- ***unpleasant odor is generated at first operation after long unused period.***
- ***cooling and blowing capacity are decreased.***



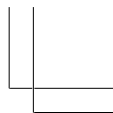
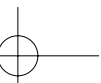
VENTILATION, HEATING AND AIR CONDITIONING* 5-13



filter cover bolt inside
remove the cover.

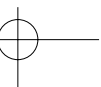
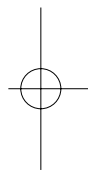


3. Pull in the primary air conditioner filter to
remove it.

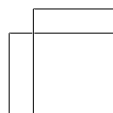


CAUTION

*conditioner filters
pay attention to the
on.*



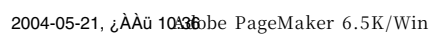
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6

SO CHARGER SYSTEM

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MAINTENANCE

should be encouraged to
ing precautions to ensure
arger service life.

CAUTION

engine above idle only
engine oil pressure
established.

turbocharger to oper-
the bearings are ad-
icated creates unnec-
n.

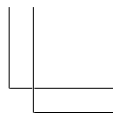
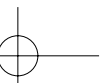
reduce temperature
from their maximum
ng down the engine.

quipped with turbo-
ops much more heats
engine, so when the
opped abruptly, the oil
s may evaporate due
can cause sticks.

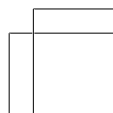
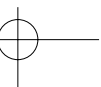
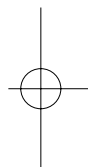
gnated engine oil and
ection and replace-
s.

CAUTION

- *At low ambient temperature, or when ever the vehicle has not been used for a long period, normal engine oil pressure and flow is affected. Under these conditions the engine should be started and allowed to idle for a few minutes before operating at a higher rpm.*
- *Avoid long periods of engine idling. The combination of low-pressures in the turbine and compressor may allow oil to seep past the seal into the turbine or the compressor.*
- *The turbocharger may need to be pre-oiled after oil change or any service that involves oil draining. Crank the engine a few times before allowing start, then start the engine and allow it to idle for a period to establish full oil circulation and pressure before operating at higher rpm.*

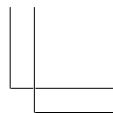
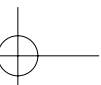


NOTE
*es in turbocharger
damages or com-
ticks due to lack of
minated engine oil
ials.*



7

CASE OF EMERGENCY



PRESSURE WHILE DRIVING



Safe and level place as
and turn off the engine.
level as follows.
and wait for approx.
and wipe it clean,
out again to check the

low, add engine oil to
el.
and check the warning
If the warning light still
Ssangyong Dealer or
Authorized Service Opera-
ce.



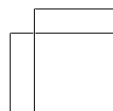
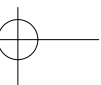
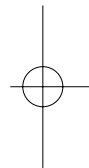
CAUTION

- *If the oil level is normal, contact Ssangyong Dealer or Ssangyong Authorized Service Operation for the service.*
- *If the oil level is low, check for oil leaks. If oil leaks, contact Ssangyong Dealer or Ssangyong Authorized Service Operation for the service.*



WARNING

If you drive on while the oil pressure warning light is coming on, the engine could be stick or relevant components could be damaged.



BRAKE SYSTEM LIGHT WHILE DRIVING

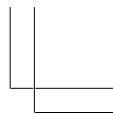
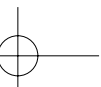


stays on when the park-
released, the brake fluid
top driving and contact
r or Ssangyong Author-
ation for the service.

COMING ON ABS/EBD WARNING LIGHT WHILE DRIVING



If the ABS or EBD warning light comes on
while driving, there may be defectives in ABS
system or TCS system, if equipped TCS
system, so inspect and repair from
Ssangyong Dealer or Ssangyong Author-
ized Service Operation.



BE CHECK WARNING ON DIESEL AND EQUIPPED)



comes on when the igni-
to ON and goes out if
al condition.

CAUTION

*g light comes on,
g force may be de-
ine may stall. These
ctivating the safety
engine system. In this
ine system checked
ler or Ssang Autho-
eration.*

CANNOT START THE ENGINE

When the ignition key is turned to 'START'

If the starter does not rotate

Check the battery, connection of the battery
terminals, position of the ignition key and
fuse.

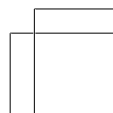
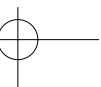
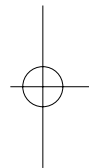
If the starter operates but the engine does not start

Check the fuel level and timing belt.

If the engine does not start continuously,
Contact Ssangyong Dealer or Ssangyong
Authorized Service Operation.

CAUTION

*On vehicle equipped with an auto-
matic transmission, the engine will
be started in P and N positions.*



WARNING

**Protection when working
with battery.**

**Do not spill battery fluid to con-
crete, fabric, or painted**

**Do not use battery providing jump
start with same voltage as the
battery being jumped.**

**Do not connect discharged bat-
tery to vehicle.**

**Do not use these precautions
when following instructions for
starting engine with jumper
cables. This may cause battery to
overheat, resulting in burns from
steam or electrical short
circuit.**

**Before jump starting with an another
battery:**

1. Apply parking brake.
2. In a vehicle with automatic transmission,
shift to PARK; with manual 5 speed
transmission, shift to NEUTRAL.
3. Switch off all electrical accessories.



CAUTION

**Turn audio system off before jump
starting your vehicle. Otherwise you
may damage audio system.**



WARNING

**Always route jumper cables so they
cannot catch on rotating parts in the
engine compartment. Otherwise you
may damage vehicle and cause seri-
ous personal injury.**

connection to a suitable
a steel bracket bolted
ck.

the vehicle providing the
allowed to run during
attempts to start the en-
le with the discharged
e made at intervals of
e and should not last
seconds each.

discharged vehicle is

ect the ground connec-
with the vehicle with the
y.

rged vehicle running.

negative lead from ve-
e jump.

“+” lead from both

9. Operate the discharged vehicle for ap-
proximately 20 minutes. This will allow
the charging system to recharge your
battery.
10. If this discharge condition recurs, con-
sult your Ssangyong dealer or an autho-
rized Ssangyong Service Operation.

 WARNING

- ***Last connection to the vehicle to be charged should NOT be made to the negative (“-”) battery terminal.***
- ***Attach the clamp for this last connection to a steel bracket bolted to the engine block.***
- ***This last connection should be as far away from the battery as possible.***
- ***Connecting the jumper cable to the negative terminal of the discharged battery could result in arcing and possibly a battery explosion. Serious personal injury or vehicle damage can result.***

ENGINE IS



If the fan is operating but the temperature is not lowered, stop the engine and let it cool. Then, check the coolant level. If it's low, check for leaks in the radiator hoses and connections, heater hoses and connections, radiator, and water pump.

If you find a leak or other damage, or if coolant is still leaking, do not run the engine until these problems have been corrected. Consult Ssangyong Dealer immediately.

If the fan is operating, turn the ignition off and park the vehicle. The engine must be off. Leave the engine for a few minutes and check if the fan is operating.

If the fan is not operating, turn the ignition on and consult your Ssangyong Dealer immediately.

If the fan is operating and if steam is not coming from the engine compartment, open the hood and idle the engine until it cools down.

If the fan is operating but the temperature is not lowered, stop the engine and let it cool.

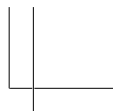
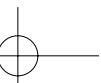
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If you find a leak or other damage, or if coolant is still leaking, do not run the engine until these problems have been corrected. Consult Ssangyong Dealer immediately.

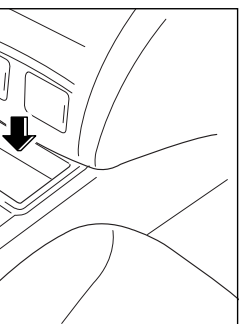
WARNING

Steam from an overheated engine can burn you badly.

- ***If steam is seen, don't go to front of vehicle. Get everyone away from the vehicle.***
- ***Switch off engine.***
- ***Allow engine to cool.***
- ***Open engine hood when steam is no longer visible.***
- ***Do not remove coolant surge tank cap until the engine and radiator are cool.***



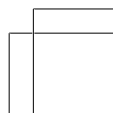
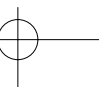
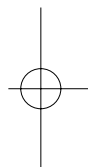
SELECTOR LEVER

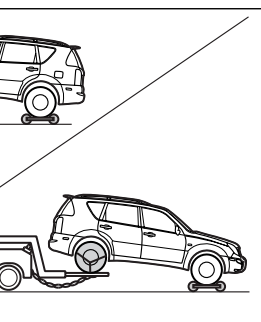


shift lever lock control
can shift from park (P),
ON and you must de-
l.
t of P with the ignition
dal depressed:

ck release lever by in-
stick. Then, with the
essed, move the selec-
utral).
shift into the gear you

5. Have your vehicle repaired by Ssangyong Dealer or Ssangyong Authorized Service Operation as soon as possible.





olly
use car acrrier, use a

Using a lifting type towing car

If not available to use car carrier or towing dolly, use a lifting type towing.

According to the vehicle's condition, select a proper way.

However, the propeller shaft for the grounded wheels should be disconnected before towing.



WARNING

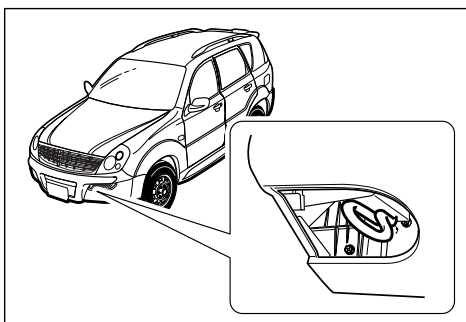
- ***To tow the vehicle with the front/rear wheels on the ground, never forget to disconnect the front/rear propeller shaft from the transfer case or axle assembly and secure them in safe position.***
- ***Selector lever should be in neutral position.***
- ***Remove the skid panel when lifting the front part of the vehicle.***
- ***Set the vehicle in 2WD mode for part-time 4WD vehicle when lifting the rear part of the vehicle.***

the ON position to re-
g column lock and to
ation of brake lamps,
ield wipers.
should be in the towed
r it and operate the
entry of exhaust fumes
ehicles, close the win-
the air intake lever to
mode.
ly and avoid jerky

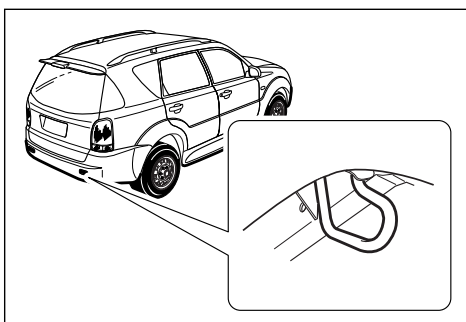
WARNING

*When a tow rope, con-
nector can be lost.
the wheels, transmis-
sion or brakes are*

*Remove the key from ignition
to prevent the vehicle*



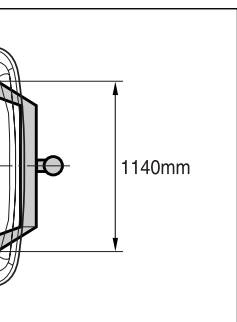
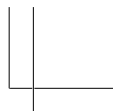
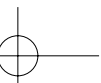
Front towing hooks (left and right)



Rear towing hooks (left and right)

dealer will help supply and
equipment to suit your

When the trailer has been coupled, the permissible rear axle load for the fully loaded towing vehicle (including occupants) must not be exceeded.



WARNING

When the engine output may drop so it is possible for the trailer loads to be fully loaded in dangerous territory. At this height, permissible load should be reduced 10% at 1000m height.



WARNING

Total gross vehicle weight with trailer must not exceed the Gross Vehicle Weight Rating (GVWR) of the vehicle.

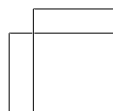
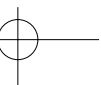
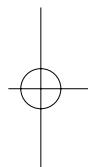
The total gross vehicle weight is the weight of the vehicle, driver, passengers, luggage or cargo, plus the weight of the hitch and the trailer tongue weight.



WARNING

Incorrect loading and crosswinds, large trucks passing or road roughness can cause swaying or trailer separation.

- **Adjust ball load by distribution of load in trailer location.**
- **Check by weighing loaded trailer and ball load separately.**
- **Check the relevant state or territory registration authorities for the legal maximum towing weight capacities.**



Change oil every 15,000 km
under the following conditions.
Change frequently.
or mountainous terrain.

Transmission Fluid

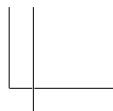
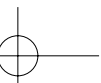
Maintenance is required if your
driving is frequently.

Towing Tips

When towing a trailer, your vehicle will
handle differently compared with normal
driving condition.

For safety, observe the following precautions:

- Practice turning, stopping, and reversing before you begin towing in traffic. Do not tow in traffic until you are confident that you can handle the vehicle and trailer safely.
- Before driving, make sure that the lighting system of the trailer works properly.
- Do not drive faster than 50 km/h or legal maximum speeds, whichever is lower.
- Make sure that you have enough room when cornering and avoid sudden maneuvers.
- Avoid abrupt starts, acceleration or stops.
- Avoid sharp turns or lane changes.
- Always drive your vehicle at a moderate speed.
- Always have someone guide you when reversing.



...ving the blocks stands
...e trailer, he could be
...brakes or the hitch
...r could roll backward.
...e removing blocks from
...ds to one side.
...ailer manufacturer's

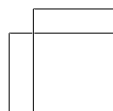
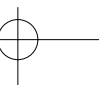
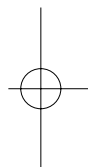
Parking on Hills

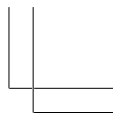
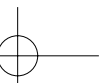
You really should not park your vehicle, with a trailer attached, on a hill. If something goes wrong, your rig could start to move. People can be injured, and both your vehicle and the trailer can be damaged.

But if you ever have to park your rig on a hill, here's how to do it:

...shift to a lower gear
...own a long or sleep
...don't shift down, you
...ur brakes so much that
...d no longer work well.
...de, shift down and re-
...around 40 km/h to re-
...engine and other com-

1. Apply your regular brakes, but don't shift into PARK (P) for automatic transmission yet, or into a gear for a manual transmission.
2. Have someone place chocks under the trailer wheels.
3. When the wheel chocks are in place release the regular brakes until the chocks absorb the load.
4. Reapply the regular brakes. Then apply your parking brake, and then shift to PARK (P) for automatic transmission, or First or Reverse gear for a manual transmission.
5. Release the regular brakes.



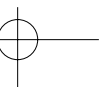
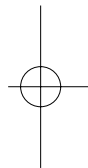


IN CASE OF EMERGENCY 7-15

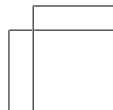
When Trailer Towing

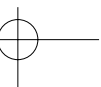
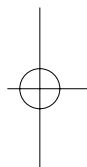
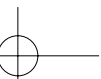
need service more often
g a trailer. See the main-
for more on this. Things
important in trailer opera-
brake pads & discs, au-
on fluid. Each of these is
ual and the index will help
tly. If you're trailering, it's
view these sections be-
trip.

to see that all hitch nuts

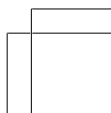


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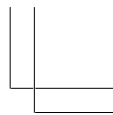
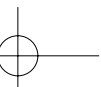
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8

E AND MAINTENANCE

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the battery, ignition
wiring carry high
voltage. Be careful not to
short circuit.

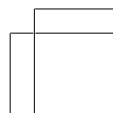
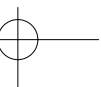
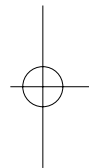
Before any checks in an en-
gine with the engine running,
be sure there is

adequate coolant and other fluids
for children and pets.

Oil/fluid containers must
be kept out of the household
and use your local authorized
facilities when dispos-

Before checking beneath the
engine running, place
on level ground, place
in NEUTRAL (manual
"P" position (automatic
and apply the parking
brake. Unexpected and possibly
movement may occur if
precautions are not taken.

- To avoid the possibility of personal injury,
you should always turn off the ignition
switch and remove the key before work-
ing under the engine hood unless the
procedure specifically requires
otherwise. If it requires running the en-
gine while working under the engine
hood, do not permit any clothing, such
as ties or handkerchiefs, near the en-
gine or cooling fan. They can become
entangled in moving parts and result in
personal injury and damage to the
vehicle. Also remove watches,
bracelets, and rings for safety.
- Use only Ssangyong Genuine Parts for
service and maintenance.
- Some lubricants may damage the paint
work. Pay attention to prevent the lubri-
cants dropping on the painted surface.



CHECK LIST

Checks are recommended to maintain safe and dependable operation.

Check for inflation pressure

Check wheel bolts for looseness.

Check operation of the lights.

Check oil, water, fuel and fluid

Check side rearview mirrors and for dirt or damage.

Check steering wheel play and

Check parking brake lever travel.

Check operation of the horn, windshield and turn signals.

Check operation of instruments and parking lights.

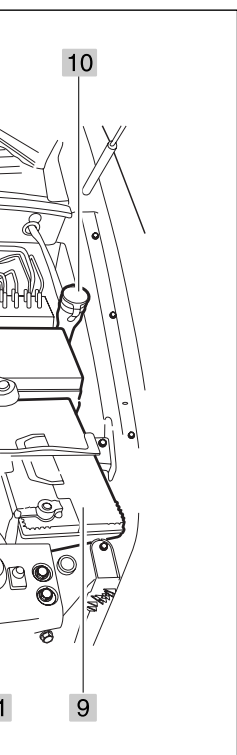
Check level of fuel in the fuel tank and for leakage.

Check operation of the rearview mirrors.

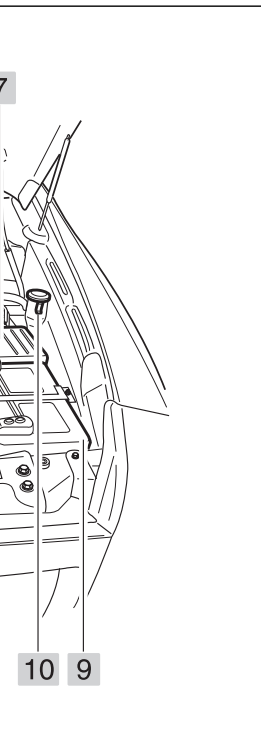
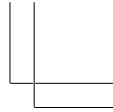
7. Check the operation of the door locking mechanism.
8. Check the clutch pedal free play, height and function.
9. Check the brake pedal free play, height and function.

Within the engine compartment

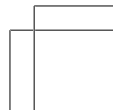
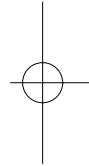
1. Check the engine oil level.
2. Check the engine coolant level in the surge tank.
3. Check the battery condition.
4. Check the level of windshield washer solution.
5. Check the level of the brake and clutch fluid in the reservoir.
6. Check the level of the power steering fluid.
7. Check the transmission oil level.
8. Check the drive belt condition.



1. Coolant surge tank
2. Air cleaner
3. Engine oil filler cap
4. Engine
5. Priming pump
6. Fuel filter
7. Brake fluid reservoir
8. Clutch fluid reservoir
(for manual transmission)
9. Battery
10. Washer fluid reservoir
11. Relay and fuse box
12. Power steering fluid reservoir
13. Engine oil level dipstick
14. Water separator



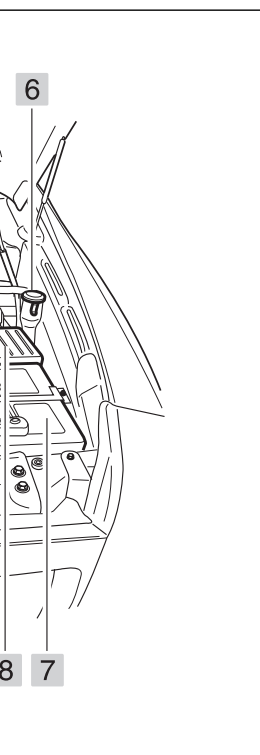
1. Coolant surge tank
2. Air cleaner
3. Engine oil filler cap
4. Engine
5. Fuel filter
6. VIN plate
7. Fuse box
8. Clutch oil tank (Manual transmission)
9. Battery
10. Washer fluid tank
11. Brake fluid tank
12. Power steering fluid tank
13. Engine oil level dipstick



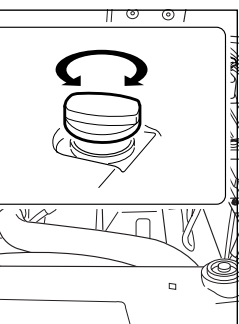


1. Coolant surge tank
2. Air cleaner
3. Engine oil filler cap
4. Engine
5. VIN plate
6. Washer fluid tank
7. Battery
8. Fuse box
9. Brake fluid tank
10. Engine oil level dipstick

SERVICE AND MAINTENANCE 8-7



1. Coolant surge tank
2. Air cleaner
3. Engine oil filler cap
4. Engine
5. VIN plate
6. Washer fluid tank
7. Battery
8. Fuse box
9. Brake fluid tank
10. Power steering fluid tank
11. Engine oil level dipstick



l, pull out the dipstick, insert it as far as it will and check that the oil is between the lower mark (Min) and the upper mark (Max) on the oil dipstick. Also check the dipstick rod for contamination.

At the lower point, add oil until it reaches the level of the upper mark.

Adding too much oil above the upper mark could lead, for example, to oil leakage, fouling of the valves, or excessive formation of

When replenishing, use the same specification of oil as used at the last oil change.

 WARNING

Prolonged and repeated contact with engine oil may cause skin disorders.

- ***Avoid excessive skin contact.***
- ***Wash thoroughly after contact.***

 WARNING

Keep used engine oil out of reach of children.

 CAUTION

Operating with insufficient or too much amount of oil can damage the engine.

- ***Check engine oil regularly.***
- ***Top up if required.***
- ***Don't add too much oil.***

SERVICE AND MAINTENANCE 8-9

Oil and Oil Filter

Specification	Service interval	Capacity (L)
Approved by MB Sheet 229.1 or 229.3 Viscosity: See MB Sheet 224.1	Initial change: 5,000 km, Change every 10,000 km or 12 months (But, shorten the service interval under severe conditions)	6.0 ~ 8.0
		6.8 ~ 8.3
Approved by MB Sheet 229.1 or 229.3 Viscosity: See MB Sheet 224.1	Initial change: 10,000 km, Change every 15,000 km or 12 months (But, shorten the service interval under severe conditions)	5.5 ~ 7.5
		7.0 ~ 9.0

NOTE

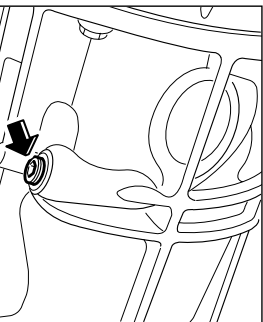
*Not available MB 229.x
for service, API SH (or
and/or ACEA A2/A3 oil
however it would
ended to shorten the
around 30%.*

**of used engine oil
fuse waste.
authorized waste
es when disposing
oil.**

are less than 6km.
outside temperatures
freezing and when most
in 16km.
include extended idling
low-speed operation as
traffic.
in dusty areas.

Use only specified fluid as given in the lubricant chart.

TRANSMISSION FLUID

 **WARNING**

After driving, the transmission oil temperature may be high enough to burn you. Wait until transmission oil and filler plug are cool before checking oil level.

Service Interval and Capacity

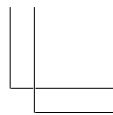
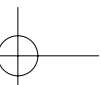
Service interval (Specification)	Capacity
Inspect every 10,000 km and change every 60,000 km (ATF DEXRON II, III)	4WD: 3.6 L 2WD: 3.4 L

only when the engine is
level and the transmission
that you can rest your fin-
nission case.

plug to check the level.
ne to the bottom edge of
If level is low, add oil until
t of the filler hole. Rein-
ely.

ified oil as given in the

plug, visually check the
for leaks or damage.



Capacity

Capacity
As required

WARNING
If it is required, have
it changed by Ssangyong Dealer
or Authorized Service

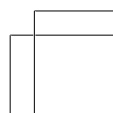
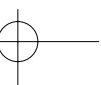
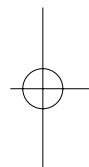
WARNING
Clutch fluid can irritate hands.
If clutch fluid gets on skin or
clothing, wash immediately with
plenty of water. If it gets in
eyes, consult a doctor.

WARNING
Keep the clutch fluid out of reach of
children.

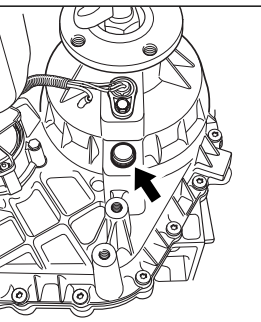
WARNING
Used clutch fluid and their contain-
ers can be a hazard to health and
the environment.

- Do not dispose of used clutch fluid
with household waste.
- Use your local authorized waste
disposal facilities.
- Have the clutch fluid changed by
Ssangyong Dealer or Ssangyong Au-
thorized Service Operation.

WARNING
Too much clutch fluid can spill on
the engine. The fluid will burn if the
engine is hot enough. You or others
could be burned and the vehicle
could be damaged.
Do not overfill the fluid.



ASE FLUID



Use only the specified oil as given in the lubricant chart.

After installing the plug, visually check the transfer case for leaks or damage.

WARNING

After driving, the transmission oil temperature may be high enough to burn you. Wait until transmission oil and filler plug are cool before checking oil level.

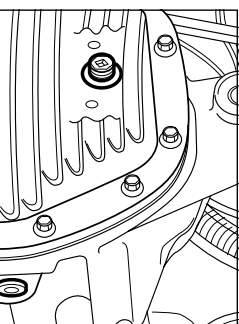
functioning, efficiency
ne transfer case, it is of
uid is always kept at the

only when the engine is
vel and the transfer case
hat you can rest your fin-
er case.

plug to check the level.
ne to the bottom edge of
If level is low, add oil until
t of the filler hole. Rein-
rely.

Before checking the fluid level, clean the area around the tank cap thoroughly. The fluid level in the brake tank must be MAX mark.

Low fluid level can indicate a leak in the brake system. Have the system checked at nearest Ssangyong Dealer.



WARNING

After driving, the axle oil temperature may be high enough to burn you. Wait until axle oil and filler plug are cool before checking oil level.

Specification and Capacity

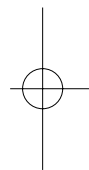
Service interval	Inspect frequently Change every 30,000 km
Specification	API GL-5 or SAE 80W/90
Capacity	1.4 L ~ 1.5 L
Service interval	Inspect frequently Change every 30,000 km
Specification	API GL-5 or SAE 80W/90
Capacity	2.2 L

WARNING

vehicle with insufficient power steering fluid damage to the power steering pump may occur if not checked regularly.

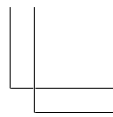
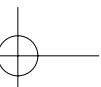
Repair is required.

If a repair is required, have the vehicle inspected by Ssangyong Authorized Dealer.



In the correct concentration the coolant provides excellent corrosion and freeze protection for the entire cooling and heating system and must therefore not be replaced by plain water even in summer.

10



WARNING

*Coolant and steam
can be under pressure,
causing serious injury.
Do not open the coolant surge tank
until the engine and radiator*

WARNING

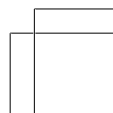
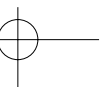
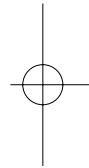
*Always wear eye protection to prevent anti-
freeze contact with the
eyes. If contact occurs, rinse affected
areas immediately with plenty of
water. If irritation persists, consult
a physician.*



CAUTION

*The engine or cooling system could
be damaged.*

- *The antifreeze content of the cool-
ant should be maintained at a
minimum of 50%. The antifreeze
content must not be allowed to
exceed 60%.*
- *Do not use alcohol or methanol an-
tifreeze or mix them with the speci-
fied coolant.*
- *Use only soft (demineralized) wa-
ter in the coolant mixture.*
- *Do not overfill the coolant.*
- *If frequent additions are required,
contact Ssangyong Dealer for cool-
ing system check.*

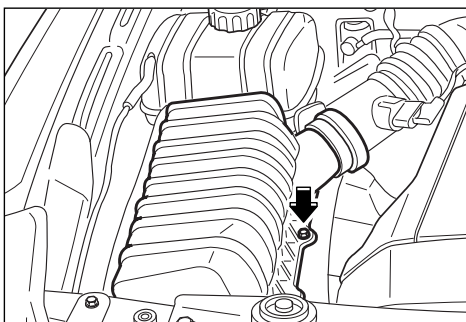


and Capacity

	Service interval	Capacity
Diesel Engine	Change every 60,000 km. And, inspect and replenish as necessary.	10.5 ~ 11.0 L
Diesel Engine		11.0 ~ 12.0 L
Engine		10.0 ~ 10.5 L
Engine		11.3 ~ 11.5 L

er element by blowing
ugh it in the opposite
ir flow.

damaged.
the vehicle without
ent.

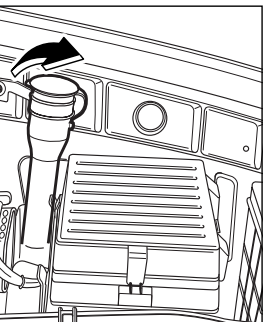


Service Interval

Engine	Interval
Diesel	Clean every 10,000 km Replace every 30,000 km
Gasoline	Clean every 15,000 km Replace every 60,000 km

* Under severe condition, the service interval should be shorter than the usual recommended.

D



the washer fluid level and
washer fluid.

CAUTION

**Do not operate the washer switch with-
out the washer fluid. If the motor could be
overloads. Therefore,
not operate the washer**

**Do not use in water as washer
fluid during the winter
months. The washer fluid tank
is only specified washer**

WARNING

- **The washer fluid includes flam-
mable materials to prevent
freezing. There could be a fire
when directly contacted with
flames. When checking the washer
fluid, avoid the flames near to
washer fluid tank.**
- **Driving without washer fluid can
be dangerous.**
- **Check your washer fluid level be-
fore starting to drive.**
- **Do not use radiator antifreeze in
windshield washer. It can damage
the washer system and paint.**
- **Fill washer fluid tank only 3/4 full
when it is very cold. This allows for
expansion, which could damage
the tank if it is completely full.**

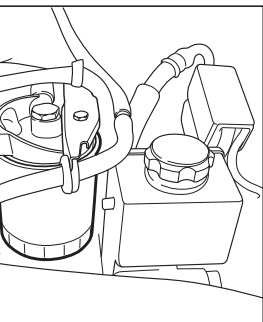
blade, press the retain-
wiper blade off the arm.
wiper blade onto the

**ne, kerosene and
an damage wiper**

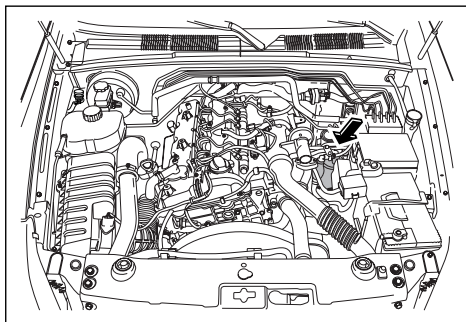
G32D	G28D
 Technical drawing of the NGK G32D spark plug. It includes a side view showing the plug with 'NGK B' on the insulator, and a cross-sectional view of the terminal. A dimension line indicates a length of 1 ± 0.1 mm for the terminal area.	 Technical drawing of the NGK G28D spark plug, showing a side view of the plug with its hexagonal base and threaded shell.

If necessary, clean the electrodes with a fine wire brush and carefully scrape the carbon off the insulator with a small file. The spark plugs should then be blown clean with compressed air and the upper insulator wiped clean. And adjust the spark plug gap.

Service interval	
G28D	G32D
Change every 40,000 km	Change every 60,000 km



Diesel Engine Equipped



Direct Injection Diesel Engine Vehicle

contaminated, the supplied fuel main components will be entering the contaminated performance of catalytic deteriorated.

filter according to the maintenance schedule.

at 40,000 km

WARNING

g, clean around the e starting the engine.

If the impurities in fuel gets into the engine and fuel related devices, it may cause serious damage in affected components. Make sure to replace the fuel filter according to the specified maintenance schedule.

Be careful not to get into the foreign materials while changing hen replacing the fuel filter, clean around it to prevent the impurities from flowing into the filter.

Press the priming pump until it becomes rigid.

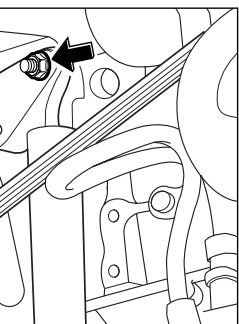
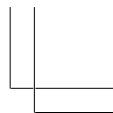
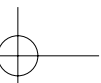
- Service Interval
Replace every 25,000 km

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Water from water separator replacing the en-

Replace the fuel filter according to the specified maintenance schedule.

- 10



Diesel Engine

...tioning lever nut.
...ver as shown and push
...ll out the bolt.
...to release the tension
...spring and to take off

WARNING

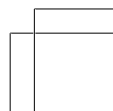
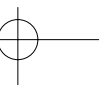
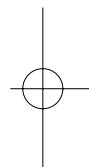
Do not inadvertently start the belt and cause crush or cut. Remove switch.

BRAKE PEDAL

Checking pedal free play

Turn off the engine and depress the brake pedal several times to deplete the vacuum in the brake system. Gently depress the brake pedal by hand and measure the distance it moves until slight resistance is felt. If the free play is more or less than specified, have the brakes adjusted by a Ssangyong Dealer or Ssangyong Authorized Service Operation.

Brake pedal free play	1~4 mm
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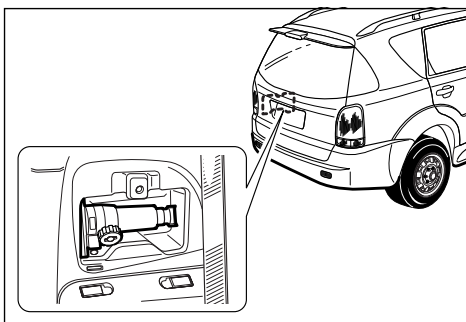
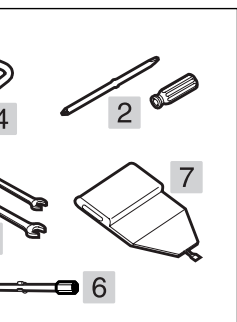
brake alone should se-
vehicle on a fairly steep
er of clicks is more or less
ve the parking brake ad-
sangyong Dealer or
ized Service Operation.

The catalytic converter is located between exhaust manifold and center muffler. The catalytic converter consists of monoliths with honeycomb shaped structure of ceramic material which are elastically mounted in a wire mesh structure.

On vehicles with a catalytic converter for unleaded fuel, lead fuel will damage the catalytic converter and parts of the electronic system, thereby rendering them inoperative.

Consult a Ssangyong Dealer or Ssangyong Authorized Service Operation as Quickly as possible in the event of misfiring, irregular engine running following a cold start, a significant loss of engine power or other unusual malfunctions which may indicate a fault in the ignition system.

LOCATION OF HYDRAULIC JACK



- Lift up the cover lever located at left side of the luggage room to open the cover.
- Rotate the yellow colored handle counterclockwise to release the jack and pull out jack.

CAUTION

When installing the jack, insert it and rotate the handle clockwise to hold the jack firmly and not to move during driving.

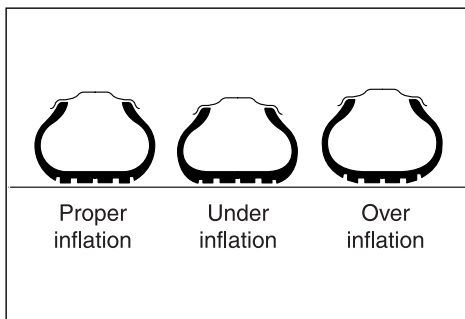
TYRES

are matched to the chassis for optimum driving, comfort and safety. Consult your Ssangyong Dealer or Authorized Service Operation Center to change over to different tyres or for advice as regards technical specifications. Use of unsuitable tyres or incorrect inflation pressures can lead to accidents.

Pressure

Specified tyre pressure is essential for optimum driving, comfort and safety. Check the tyre pressure, on each wheel, at least every 14 days before any long journey. The tyres should be checked in a cold condition using a reliable pressure gauge.

Wheel	PSI
7JJ x 16	29
7JJ/6.5JJ x 16	30



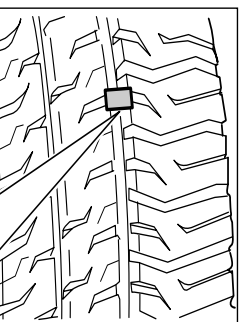
Increased pressure resulting from tyre warm-up must not be reduced, otherwise the pressure may drop below the permissible minimum.

Securely retighten valve caps after checking pressure.

Incorrect inflation pressures will increase tyre wear and will impair safety, vehicle handling, comfort and fuel economy.

If the pressure is too low, this can result in considerable tyre warm-up and internal damage, leading to tread separation and even to tyre blowout at high speeds.

Hidden tyre damage is not eliminated by subsequently adjusting the inflation pressure.



regularly. To help you
s should be replaced,
icle have built-in tread
appear between the
the tread is 1.6 mm or
be replaced when the
far as one of the wear
indicator's position is
s on the tyre side wall.
it is recommended that
when their tread depth
3 mm.
tyres, the radial tyres
airs, or for preference

Make sure that both tyres on an axle are the same size, the same design, and the same make and have the same tread pattern.

 WARNING

***Mixing tyres could cause you to lose control while driving.
Using tyres of different sizes may also cause damage to the vehicle.
Be sure to use the same size and type tyres on all wheels.***

 WARNING

***Driving on worn, old or damaged tyres is very dangerous and can cause accidents.
Replace tyres if ;***

- ***The tread wear indicator appears,***
or
- ***Tyres have been damaged.***

 WARNING

Dispose of worn tyres in accordance with local environmental regulations.

used they must be fitted
not exceed the maximum
the tyre manufacturer.
tyres, the tyre pressures
the manufacturer must be



CAUTION

***When you didn't fit the snow tyres
before driving on snow or icy road,
drive in 4WD (4L, 4H) mode with low
speed.***

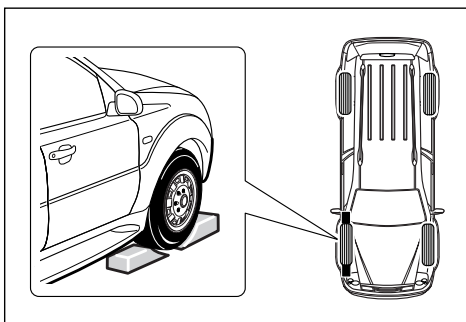
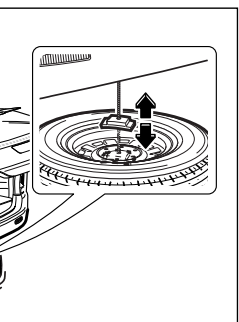
WARNING

***tyres could adversely
d handling of the ve-
nt size and type to
dard tyres.
from winter to sum-
on as road condition***

WARNING

***ains could adversely
d handling of the ve-
nsult your Ssangyong***

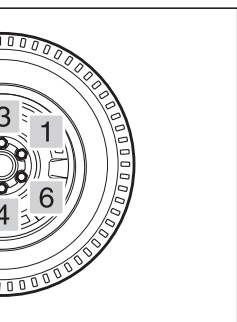
HOW TO CHANGE A FLAT TYRE



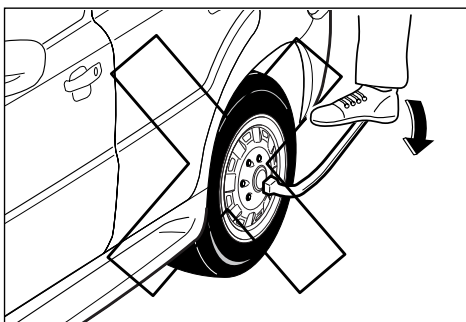
If a tyre goes flat, follow these safety instructions before you change the tyre:

Tyre Change Safety Precautions

1. Turn on hazard flashers.
2. Move off the road to a safe place away from traffic.
3. Park on a firm and level surface.
4. Turn off engine and remove key.
5. Set parking brake.
6. If vehicle has an automatic transmission, shift to P. If your vehicle has a manual transmission, shift to first or reverse.
7. Have all passengers get out of vehicle and stand in safe a place.



l nuts firmly according
of above figure.
t tyre pressure.
nd tools in their proper
tyre in the spare tyre

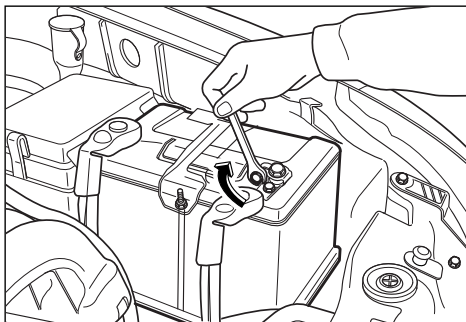


⚠ CAUTION

- *If over tightened, the wheel nuts could be damaged. Do not over tighten the wheel nuts by pressing the wheel nut wrench by foot or using assist pipe.*
- *Do not completely tighten a wheel nuts at a time. Tighten it with several times in a crisscross sequence.*
- *Never use oil or grease on wheel nuts.*
- *Always use the correct wheel nuts.*

ng ensure parking
nd the transmission
t or reverse gear
mission) or P (auto-
ission).

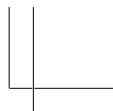
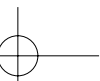
he vehicle and change
ere traffic is close.



**has been replaced,
after 50,000 km of driv-**

possible, take your car to a qualified dealer or Ssangyong Service Operation and have the nuts tightened according to specifications.

When the battery charge warning light on the instrument panel comes on, the battery is not normally charging. If the warning light comes on while driving, turn off all unnecessary electrical devices and have checked the system by Ssangyong Dealer or Ssangyong Authorized Service Operation.



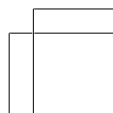
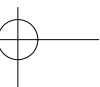
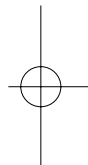
ice, do the following.
urely mounted.
clean and dry.
nd connections clean,
with petroleum jelly or
ed electrolyte immedi-
ion of water and bak-

being used for an ex-
onnect the cable from
terminal of the battery
rge and charge battery

WARNING
<i>acid that can burn can explode. urt if you are not ames, sparks and away from battery. y parts of body, etwork contact the</i>

 WARNING
<i>Used batteries can be a hazard to health and the environment.</i> • <i>Do not dispose of used batteries with household waste.</i> • <i>Use your local authorized waste disposal facilities.</i>

 CAUTION
<i>The polarity of battery, i.e. the connections for positive and negative cables, must not be interchanged.</i>



WARNING

Do not use different types or different ratings of fuses. This could cause damage to the electrical system and even start a fire.

Replace a fuse with one with the same rating. Do not use anything else but a fuse. Do not touch anything metal to replace a fuse.

Fuse Change

Pull out the blown fuse by using the fuse puller from the fuse box and insert with the same ratings of fuse.



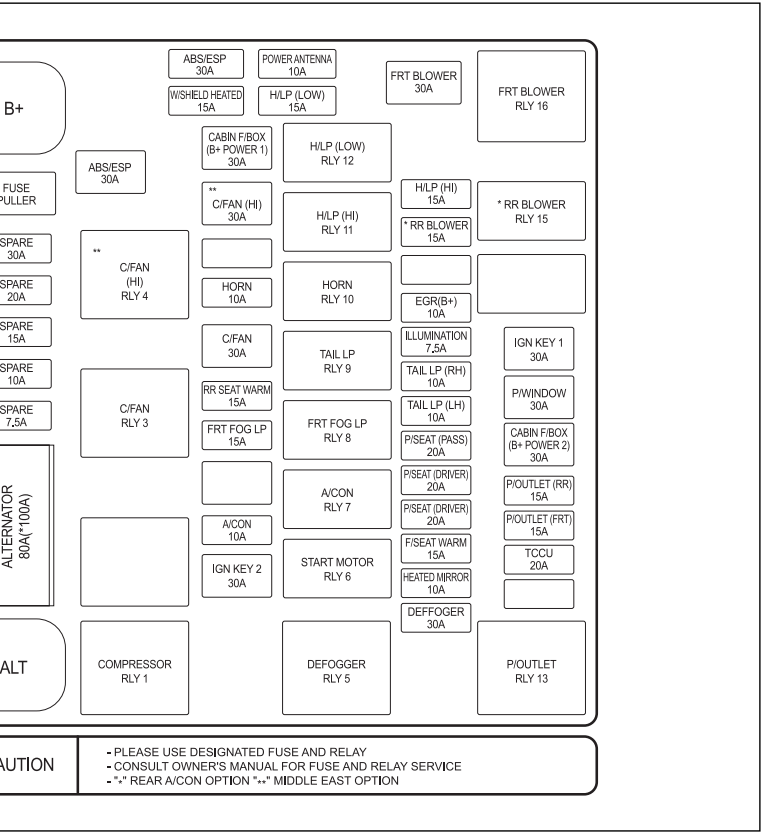
CAUTION

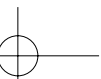
If you remove the fuse when the electrical power is supplying, the electrical equipment could be damaged. Replace the fuse when the ignition key is in LOCK position.

Descriptions on each fuse's rating and capacity from the fuse box.

E	NO.25 20A	SUN ROOF	NO.17 10A	HEAD LAMP	NO.9 10A	C/FAN	NO.1 7.5A	A/T SHFT LEVER LOCK IMMOBILIZER
E	NO.26 10A	RR WIPER	NO.18 7.5A	A/CON O/S MIRROR	NO.10 15A	OVPR	NO.2 7.5A	CLUSTER STICS DRL
	NO.27 7.5A	CLOCK STICS CLUSTER	NO.19 15A	FRT WIPER FRT WASHER	NO.11		NO.3 15A	B/UP LAMP T/SIG LAMP
	NO.28 7.5A	SIREN P/W WINDOW	NO.20 15A	RR WIPER RR WASHER	NO.12 10A	STOP LAMP (TRAILER)	NO.4 7.5A	TCU TCCU
	NO.29 15A	AUDIO MULTI VISION	NO.21 10A	DEFOGGER BLOWER A/CON	NO.13 15A	HAZARD LAMP	NO.5 7.5A	I/S MIRROR ENG PREHEAT'G AUTO LIGHT
	NO.30 15A	DOOR LOCK	NO.22 7.5A	POWER OUTLET O/S MIRROR CLOCK	NO.14 10A	RR FOG LAMP	NO.6 10A	SPEED SENSOR
	NO.31 15A	START MOTOR	NO.23 7.5A	AUDIO MULTI VISION	NO.15 10A	INTERIOR LAMP	NO.7 10A	ABS ESP
	NO.32		NO.24 20A	CIGAR LIGHTER	NO.16 20A	STOP LAMP	NO.8 10A	AIR BAG
	20A	SPARE FUSE	15A	SPARE FUSE	10A	SPARE FUSE	7.5A	SPARE FUSE

tion) Diesel Engine





coefficient)

er

r

1

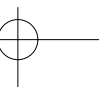
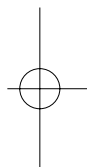
w

box
r 2)

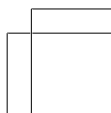
Rt)

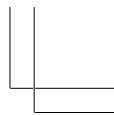
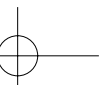
Rt)

DD

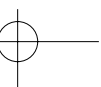
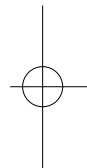
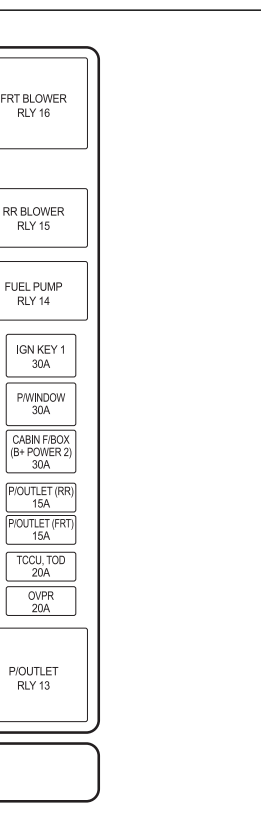


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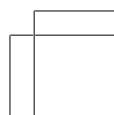


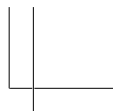
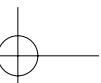


SERVICE AND MAINTENANCE 8-41



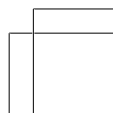
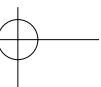
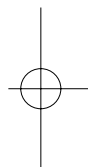
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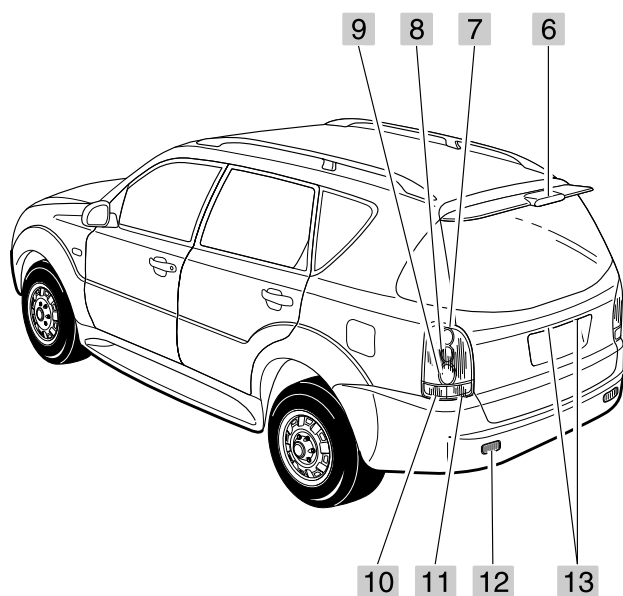




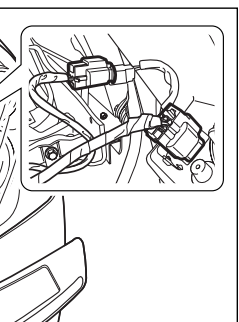
ATION

Bulbs	Rating	Number
Low Beam/High Beam	55W/55W	2 each
Position lamp	5W	2
Tail lamp	8W	2
Tail/Stop lamp	8W/27W	2 each
Stop lamp	27W	2
High mounted stop lamp	5W	4
Reversing lamp	27W	2
Turn signal lamp	27W	2
License plate lamp	5W	2
Turn signal lamp	28W/8W	2
Fog lamp	27W	2
Side repeater lamp	5W	2
Front room lamp	8W	2
Rear room lamp	10W	1 each
Front door/Rear door lamp	5W	2 each
Glove box lamp	10W	1

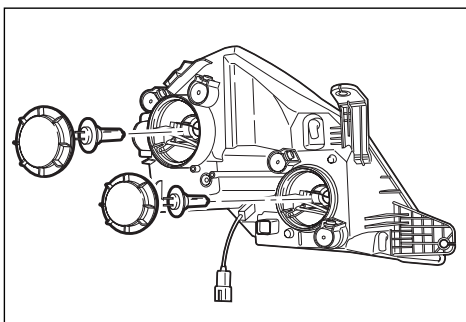




- 11. Reverse lamp
- 12. Rear reflector
- 13. License plate lamp
- 14. Side repeater lamp

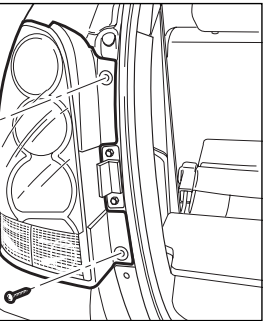


d lamp from the vehicle
head lamp connector.



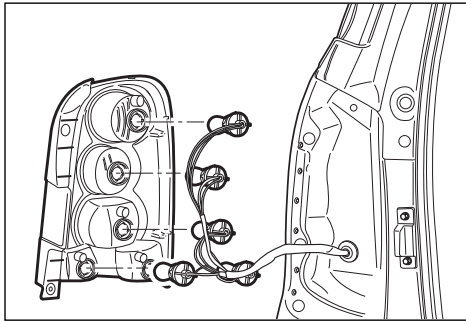
7. Rotate the dust cover counterclockwise to remove.
8. Press the spring to remove.
9. Pull out the bulb.
10. Install new bulb with same rating.
11. Install in the reverse order of the removal.

COMBINATION LAMP



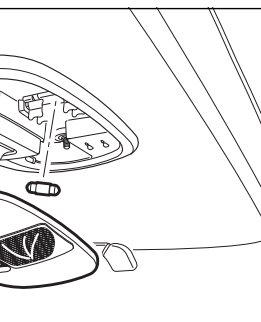
Remove the negative (-) battery
Disconnect the wiring from the
fixing screws from rear
lamp.
Disconnect the connector from rear com-

Remove the rear combination lamp from



5. Remove the bulb by turning it counterclockwise.
6. Install new bulb with same rating.
7. Install in the reverse order of the removal.

LAMP

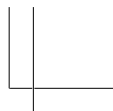
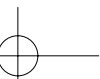


the negative (-) battery

over with driver.

o with same rating.

reverse order of the



ENGINE)

ability. You should retain evidence that proper maintenance has been
tenance service chart.

miles) or time in months, whichever comes first								
20	30	40	50	60	70	80	90	100
12	18	24	30	36	42	48	54	60
12	18	24	30	36	42	48	54	60

I	I	I	I	I	I	I	I	I
Initial change: 5,000 km, then change every 10,000 km								
I	I	I	I	I	I	I	I	I
I	I	I	I	R	I	I	I	I
R(25) I(20)	I	I	R	I	R(75) I(70)	I	I	R
I	I	R	I	I	I	R	I	I
I	I	I	I	I	I	I	I	R(150) I(100)
I	I	I	I	I	I	I	I	I
I	R*	I	I	R*	I	I	R*	I
I	I	I	I	I	I	I	I	I

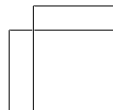
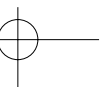
black or white) - Poor performance/economy

clean, replenish, adjust or replace.

If vehicle is operated under severe condition, driving in dusty condi-
tion or sandy condition, frequently inspect the air cleaner, if necessary,
change the air cleaner.

More frequent maintenance is required if under dusty driving condition.
Refer to "Recommended fluids, coolant and lubricants".

from water separator.



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(miles) or time in months, whichever comes first									
20	30	40	50	60	70	80	90	100	
12	18	24	30	36	42	48	54	60	
12	18	24	30	36	42	48	54	60	

	I	I	I	I	I	I	I	I	I
	I	I	R*	I	I	I	R*	I	I
	I	I	I	I	I	I	I	I	I
	I	I	I	I	I	I	I	I	I
	I	I	I	I	R*	I	I	I	I
	I	I	I	I	I	I	I	I	I
	I	R*	I	I	R*	I	I	R*	I
	I	I	I	I	R*	I	I	I	I
	I	I	I	I	R*	I	I	I	I

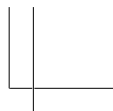
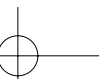
rect, clean, replenish, adjust or replace.

operated under any of the following conditions:

- Extremely dusty conditions

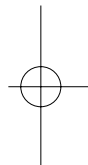
the leak of fluid at any time, occasionally), then change every 60,000 km
000 km if the vehicle is mainly driven under severe conditions.

ularly reaches 32°C (90°F) or higher, or



miles) or time in months, whichever comes first								
20	30	40	50	60	70	80	90	100
12	18	24	30	36	42	48	54	60
12	18	24	30	36	42	48	54	60

Inspect when abnormal condition is noted								
	-		-		-		-	



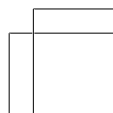
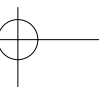
ect, clean, replenish, adjust or replace.

e vehicle should be thoroughly inspected. Examine threaded fasteners

ts should be inspected.

s if the vehicle is mainly driven under severe condition.

arly reaches 32°C (90°F) or higher, or

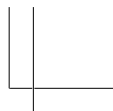
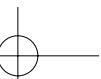


I	I	I	I	I	I	I	I
R**	R	R	R	R	R	R	R
I	I	I	I	I	I	I	I
I	I	I	R	I	I	I	R
-	-	-	R	-	-	-	R
I	I	I	I	I	I	I	I
I	I	I	R*	I	I	I	R*
I	I	I	I	I	I	I	I
-	R	-	R	-	R	-	R
-	-	-	R	-	-	-	R
-	-	I	-	-	I	-	-

(2)* If vehicle is operated under severe condition, driving in dusty condition or sandy condition, frequently inspect the air cleaner, if necessary, change the air cleaner.

(3)* Refer to "Recommended fluids and lubricants".

Oil (factory filled) would be recommended to drain with in 10,000 km.



miles) or time in months, whichever comes first							
5	30	45	60	75	90	105	120
0	20	30	40	50	60	70	80
2	24	36	48	60	72	84	96

I	I	I	I	I	I	I	I
I	R*	I	R*	I	R*	I	R*
I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I
I	I	I	R	I	I	I	I
I	I	I	I	I	I	I	I
I	R*	I	R*	I	R*	I	R*
I	I	I	R	I	I	I	R*
I	I	I	R*	I	I	I	I

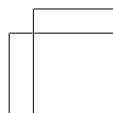
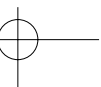
ect, clean, replenish, adjust or replace.

erated under any of the following conditions:

- Extremely dusty conditions

he leak of fluid at any time, occasionally) then change every 60,000 km
e vehicle is mainly driven under severe conditions.

arly reaches 32°C (90°F) or higher, or



SERVICE AND MAINTENANCE 8-53

s (miles) or time in months, whichever comes first							
15	30	45	60	75	90	105	120
10	20	30	40	50	60	70	80
12	24	36	48	60	72	84	96

Inspect when abnormal condition is noted							

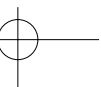
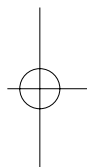
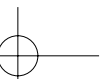
rect, clean, replenish, adjust or replace.

the vehicle should be thoroughly inspected. Examine threaded fasteners

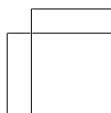
ths if the vehicle is mainly driven under severe condition.

ularly reaches 32°C (90°F) or higher, or

Capacity	Classification	
6.0~8.0 L	Quality class**	API : CG grade or above, ACEA : B2, B3 or B4 MB sheet : 229.1/3 (preferable)
6.8~8.3 L		
	Viscosity	MB sheet No. 224.1
5.5~7.5 L	Quality class**	API : SJ grade or above, ACEA : A2 or A3 MB sheet : 229.1/3 (preferable)
7.0~9.0 L		
	Viscosity	MB sheet No. 224.1
10.5~11.0 L	MB sheet 325.0	
11.0~12.0 L		
10.0~10.5 L	BASF GLYSANTIN G05-11,	
11.3~11.5 L	HOECHST GENANTIN SUPER 8023/14	
WD : 3.4 L	ATF DEXRON® II, III, ATF S-2, S-3, S-4, TOTAL FLUID ATX	
Capacity	SAE J 1703, DOT 3 or DOT 4	
	ATF DEXRON® II, III	
9.5 L	CASTROL TQ 95	
8.0 L	SHELL or FUCHS ATF 3353	
1.2~1.4 L	ATF DEXRON® II, III,	
1.4~1.5 L		
1.4~1.5 L	ATF S-4, TOTAL FLUID ATX	
1.4~1.5 L		



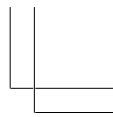
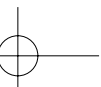
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9

VEHICLE CARE

2004-05-21, 10:30 AM, Adobe PageMaker 6.5K/Win



CLEANING OF THE

ern trim materials, it is
ou use proper cleaning
ers. Failing to do this
y may result in water
r setting of stains or
more difficult to remove

hat collect on interior
quently removed with
soft bristle brush. Wipe
regularly with a clean
m soils, spots or stains
cleaners:

and dry.
s only with mild soap
ater.
ye belts since this may
them.

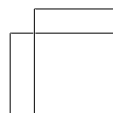
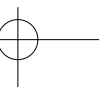
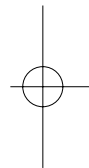
GLASS SURFACES

Glass surfaces should be cleaned on a regu-
lar basis. The use of glass cleaner or a liq-
uid household glass cleaner will remove
normal tobacco smoke and dust films some-
times caused by ingredients used in vinyl's
and interior plastics.

Never use abrasive cleaners on any vehicle
glass, as they may cause scratches. If abra-
sive cleaners are used on the inside of the
rear window, any electric demister element
may be damaged. Avoid placing decals on
the inside rear window, since they may
have to be scraped off later.

Cleaning the Outside of Windshield

If your windshield is not clear after using the
windshield washer, or if the wiper blade
chatters when running, wax or another
material may be on the blade or windshield
Clean the outside of the windshield with
cleaning powder or an equivalent non abra-
sive cleaner. Your windshield is clean if
beads do not form when rinsing with water.



Waxing

and waxing is recommended to remove surface residue from Approved products are available from your Ssangyong Dealer.

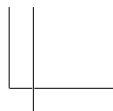
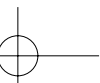
For Bright Metal Parts

should be cleaned regularly. Washing with water is usually needed.

When cleaning with aluminum trim. To remove protective trim, never use abrasive polish, steam, or caustic. Aluminum. A coating of wax, polish, is recommended for protection.

Cleaning Aluminum Wheels, Rally Wheels, and Wheel Covers

Preserve the original appearance of wheels or wheel covers by keeping them clean and free from build-up of road dirt and/or road salt. Regular cleaning is recommended. Do not use abrasive cleaners or cleaning brushes, as they could damage the finish.



not completely remove
Other cleaners may be
cleaners, be sure they
painted surfaces.

Take care to clean any areas where mud
and other debris can collect. Sediment
packed in closed areas of the frame should
be loosened before being flushed. If desired,
your Ssangyong Dealer can do this service
for you.

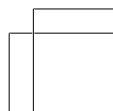
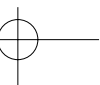
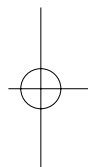
fractures or deep
sh should be repaired
will corrode quickly and
major repair expense.
atches can be repaired
als. Larger areas of fin-
e corrected in your
int shop.

nance

used for ice and snow
ontrol can collect on the
e materials are not
d corrosion (rust) can
arts such as fuel lines,
d the exhaust system
ve been provided with

, flush these materials
with plain water.

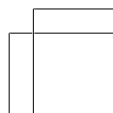
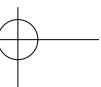
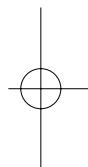
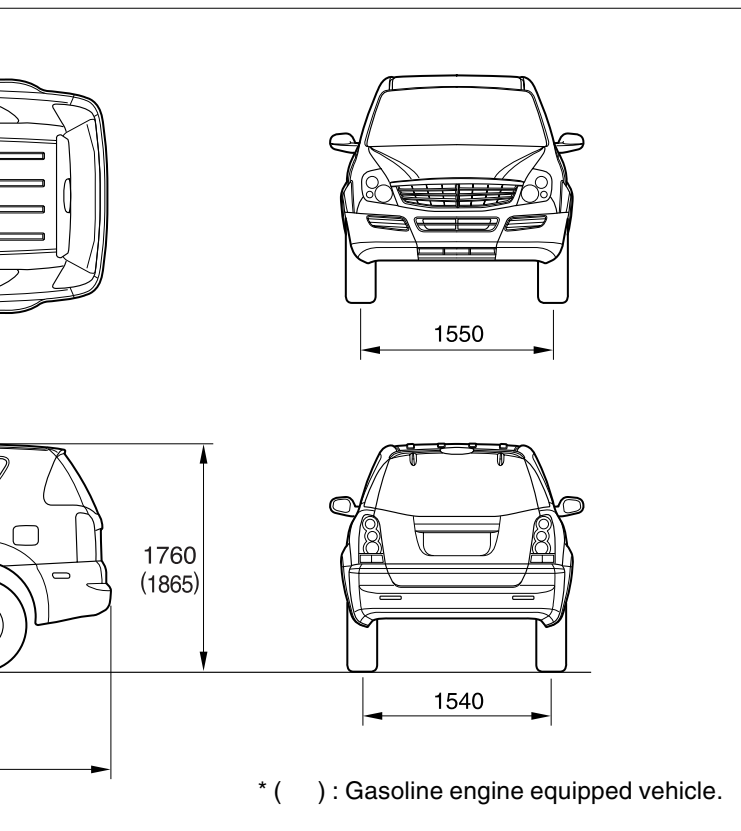
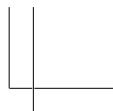
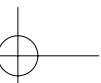
 CAUTION <i>When an engine is washed, fuel, grease and oil residues are washed off. Therefore you should use only a filling station or a Ssangyong Dealer who has oil separator equipment in the car wash bay.</i> <i>Used engine oil, brake fluid, transmission fluid, antifreeze, batteries and tyres should be disposed of by using the local authorized waste disposal facilities, or have them disposed of by the vendor who is under a statutory obligation to do so when you replace them.</i> <i>On no account must any of these items be placed in the household refuse bins or the fluids poured down the drains.</i> <i>Everyone should be concerned about environmental protection.</i> <i>Help by doing your share.</i>

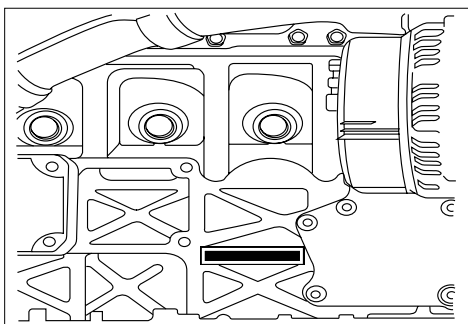


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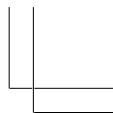
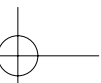
N AND SERVICE DATA

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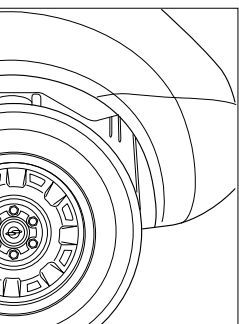




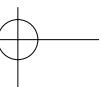
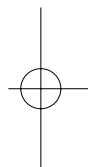
The engine number is stamped on the lower area of cylinder block in exhaust manifold side.



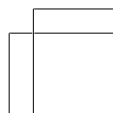
ER



stamped on the front
t wheel of the frame



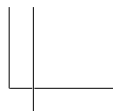
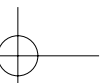
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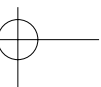
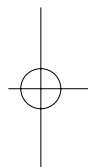
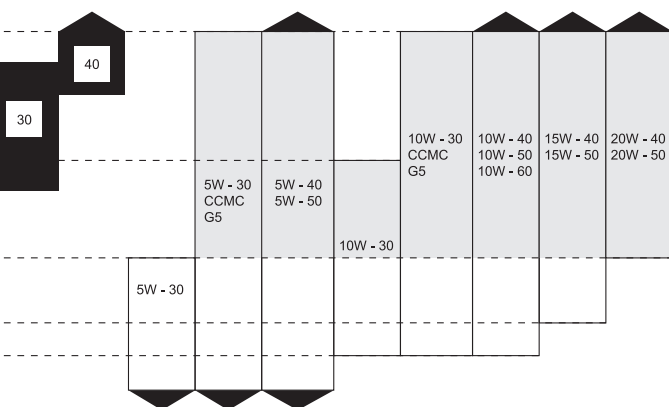
Conventional Diesel	Direct Injection Diesel	Gasoline
Control, type	←	
	4.315	4.007
	2.475	2.365
	1.536	1.473
	1.000	1.000
	0.807	0.872
	3.591	3.700
Control, type	←	←
	←	←
	3.595	2.742
	2.186	1.508
	1.405	1.000
	1.000	0.708
	0.831	-
	3.167	2.429
	1.926	-
	Part-Time / Full-time(TOD)	Full-time (TOD)
Control type	←	←
	←	←
	←	←
Control type	←	←
Control type	←	←

SPECIFICATION AND SERVICE DATA 10-7

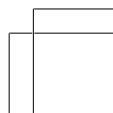
ion Diesel	Direct Injection Diesel	Gasoline
pinion	←	←
7"	←	←
0'	←	←
type	←	←
type	←	←
Type	←	←
type	←	←
type	←	←
booster	←	←
	←	←
(disc)	←	←
al expansion)	←	←
oil spring	←	←
Coil spring	←	←
a	←	←
- 90	←	←
2	←	12 - 1.8
2 - 90)	12 - 140 (12 - 115)	12 - 115



and be selected according to outside temperature. Do not switch to a
in the event of brief temperature fluctuations.

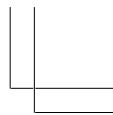
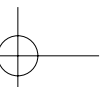


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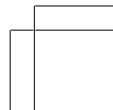
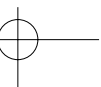
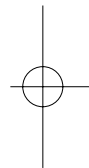


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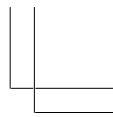
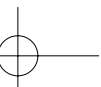


Control switch	3-30	Chassis number	10-4
.....	8-35	Child restraints	4-17
.....	1-2	Child security door locks	1-9
Car	1-2	Cleaning agents	9-2
Engine	2-4	Clutch fluid (for manual transmission) ..	8-12
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.....	2-20	Coming on ABS/EBD warning light while	
.....	8-42	driving	7-3
ne	7-4	Coming on battery charge warning light	
the exterior	9-3	while driving	7-3
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.....	8-27	Coming on engine check warning light	
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eat	4-12	Coming on oil pressure warning light while	
er seat operation ...	4-5	driving	7-2
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ole	3-48	Courtesy light	3-46
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		(for gasoline engine)	3-20
		Cruise control*	3-36
		D	
		Defogger indicator	3-12
		Defroster switch	5-8

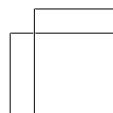
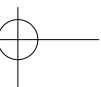
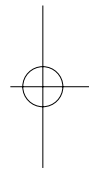


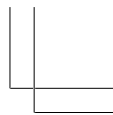
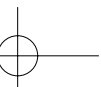
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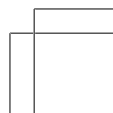
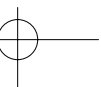
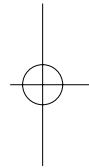
.....	8-46	Outside rearview mirror & tail-gate glass	
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ntilation system ..	5-10	Rear electric socket	3-51
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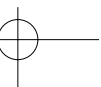
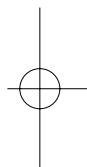
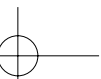




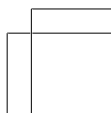
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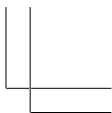
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t*	3-14	Unfolding second seat (from rear side) ..	4-10
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ection	6-4	Wipers	8-22
nd fog lamp	8-45		





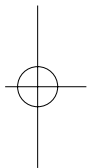
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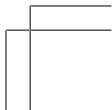


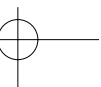
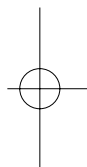
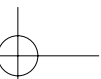
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82-31-610-2740
82-31-610-3762



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