

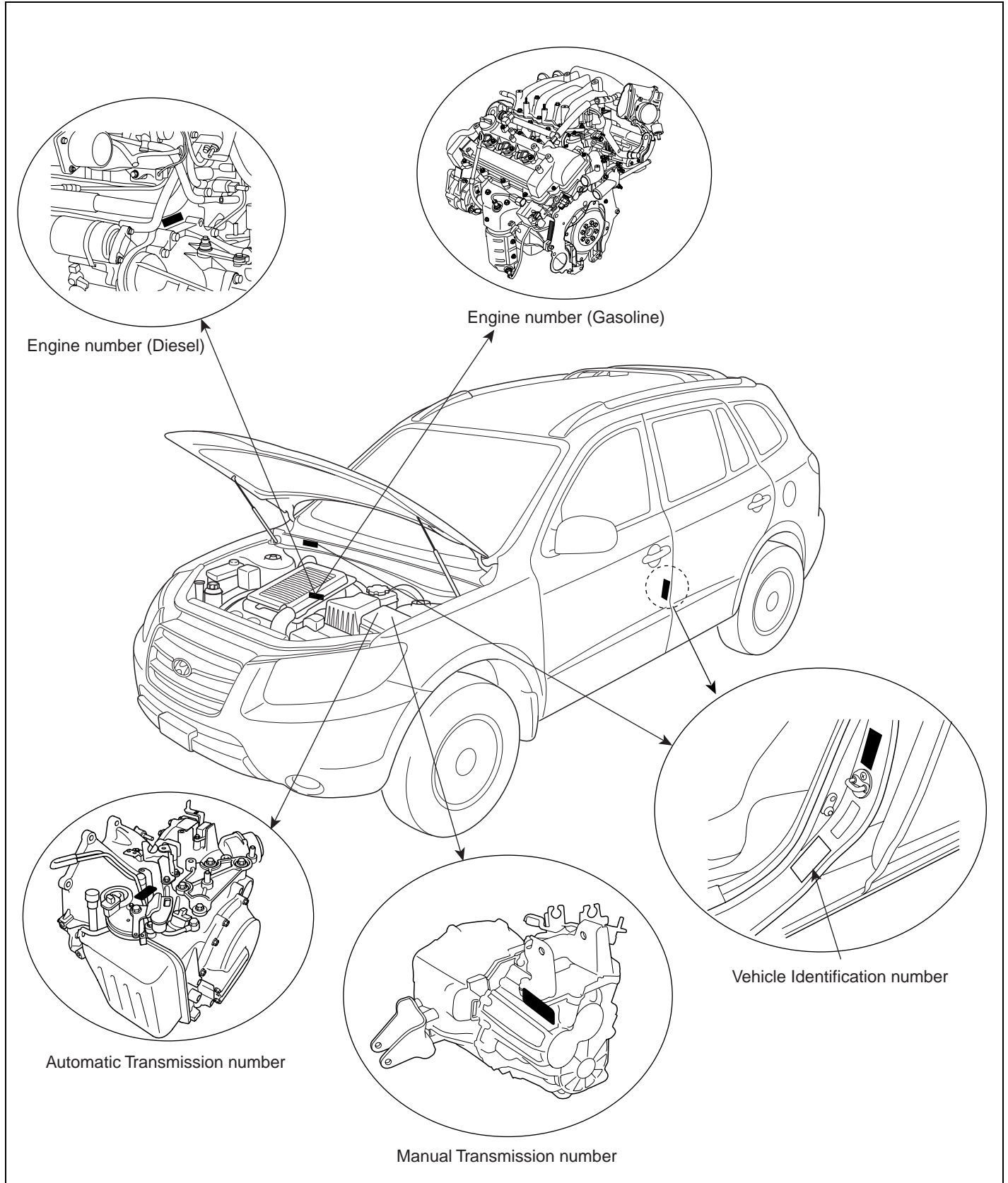
# General Information

GENERAL

# GENERAL

## IDENTIFICATION NUMBER

### LOCATIONS EB9D3DCB



**IDENTIFICATION NUMBER DESCRIPTION**

**VEHICLE IDENTIFICATION NUMBER**

**K M H S F 8 2 D P 4 U 000001**  
 | | | | | | | | | | | |  
 1 2 3 4 5 6 7 8 9 10 11 12

SCMGI6002L

1. Geographic zone  
- K : Korea
2. Manufacturer  
- M : Hyundai motor company
3. Vehicle type  
- H : Passenger
4. Vehicle line  
- S : SANTAFE
5. Model & Series  
- F : STANDAD (L)  
- G : DELUXE (GL)  
- H : SUPER DELUXE (GLS)  
- J : GRAND SALON (GDS)  
- K : SUPPER GRAND SALON (HGS)
6. Body type  
- 8 : WAGON
7. Restraint system  
- 0 : Both side - None  
- 1 : Both side - Active belt  
- 2 : Both side - Passive belt
8. Engine type  
- D : Gosoline 2.7 DOHC  
- W : Diesel 2.2 TCI
9. Check digit  
- Check digit : 0 ~ 9, x  
- P : Left hand driver  
- R : Right hand driver
10. Production year  
- 5 : 2005, 6 : 2006, 7 : 2007
11. Plant of production  
- U : Ulsan (korea)
12. Vehicle production sequence number  
- 000001 ~ 999999

**PAINT CODE**

CODE	COLOR
NW	Noble White
EB	Ebony Black
LS	Smart Silver
3M	Vanilla White
5Q	Blue Onyx
5J	Superior Red
6F	Blue Titanium
6M	Platinum Silver
2Z	Black Pearl
2J	Gunmental
5T	Satin Beige

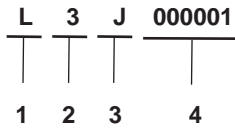
**ENGINE IDENTIFICATION NUMBER**

**G 6 E A 5 000001**  
 | | | | | |  
 1 2 3 4 5 6

KABF201A

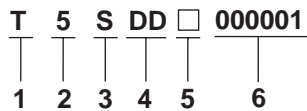
1. Engine fuel  
- G : Gasoline  
- D : Diesel
2. Engine range  
- 4 : 4 cycle 4 cylinder  
- 6 : 4 cycle 6 cylinder
- 3~4 : Engine development order and capacity  
- EB : D-engine TCI, 2188cc (Diesel)  
- EA : μ -engine, 2656cc (Gasoline)
5. Production year  
- 5 : 2005, 6 : 2006, 7 : 2007
6. Engine production sequence number  
- 000001 ~ 999999

**TRANSMISSION IDENTIFICATION NUMBER**  
**MANUAL**



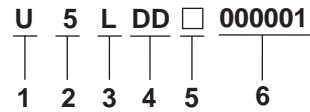
1. Model  
- S : M5GF2
2. Production year  
- 5 : 2005, 6 : 2006, 7 : 2007
3. Gear ratio  
- D : 5.071 / 3.737
4. Transaxle production sequence number  
- 000001 ~ 999999

**AUTOMATIC**



1. Model  
- T : F4A51-3
2. Production year  
- 5 : 2005, 6 : 2006, 7 : 2007
3. Gear ratio  
- S : 4.520
4. Detailed classification  
- DD : 4WD  
- CD : 2WD  
- ED : 2WD + LSD
5. Spare
6. Transaxle production sequence number  
- 000001 ~ 999999

**AUTOMATIC**



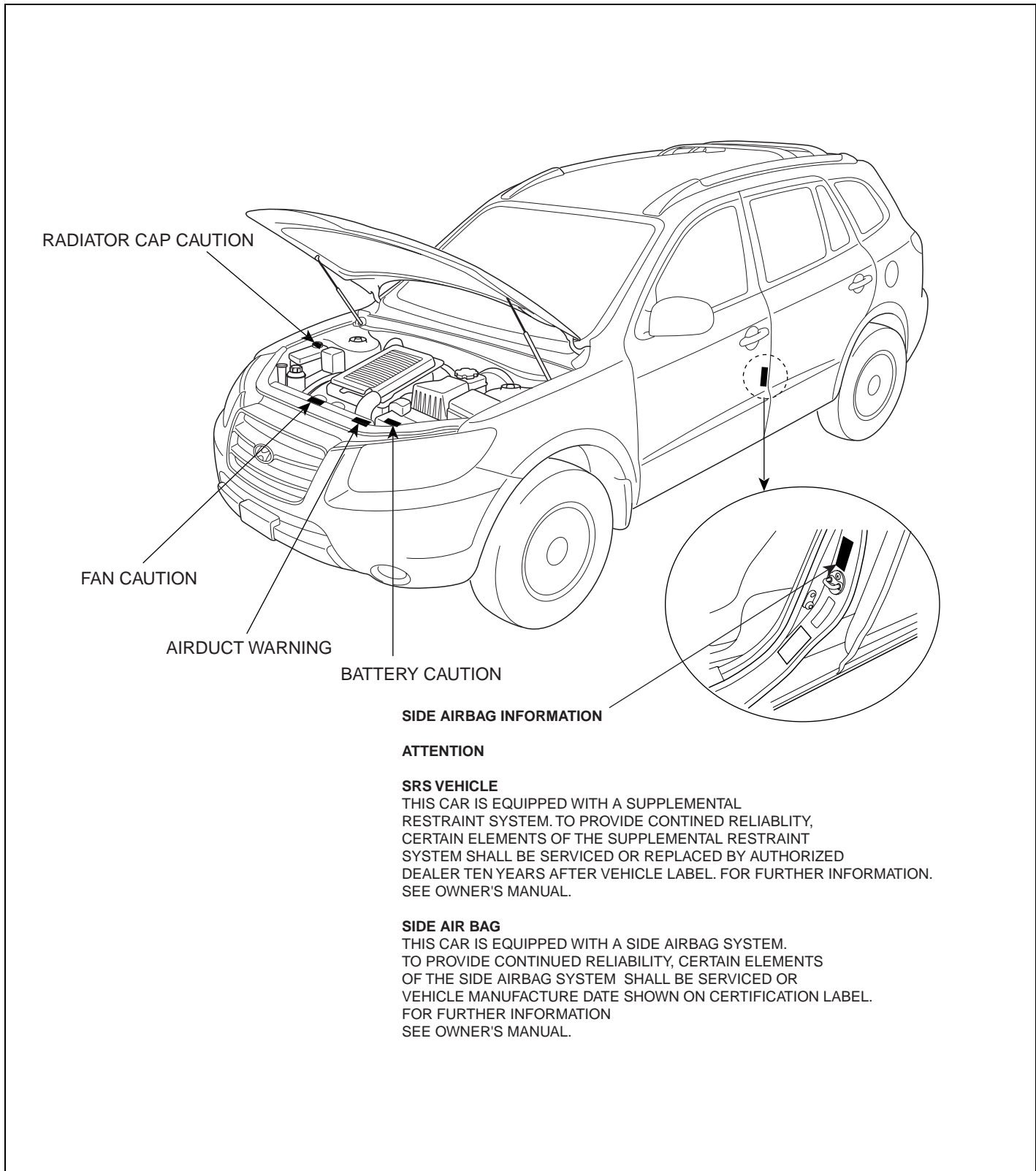
1. Mode  
- U : A5HF1
2. Production year  
- 5 : 2005, 6 : 2006, 7 : 2007
3. Gear ratio  
- L : 3.684
4. Detailed classification  
- DD : 4WD  
- CD : 2WD  
- ED : 2WD + LSD
5. Spare
6. Transaxle production sequence number  
- 000001 ~ 999999

EAQF103A

SCMGI6004D

SCMGI6004L

WARNING / CAUTION LABEL LOCATIONS



RADIATOR CAP CAUTION

FAN CAUTION

AIRDUCT WARNING

BATTERY CAUTION

**SIDE AIRBAG INFORMATION**

**ATTENTION**

**SRS VEHICLE**

THIS CAR IS EQUIPPED WITH A SUPPLEMENTAL RESTRAINT SYSTEM. TO PROVIDE CONTINUED RELIABILITY, CERTAIN ELEMENTS OF THE SUPPLEMENTAL RESTRAINT SYSTEM SHALL BE SERVICED OR REPLACED BY AUTHORIZED DEALER TEN YEARS AFTER VEHICLE LABEL. FOR FURTHER INFORMATION, SEE OWNER'S MANUAL.

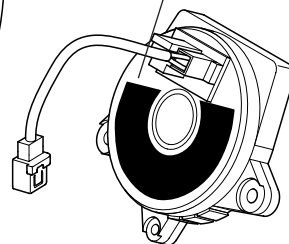
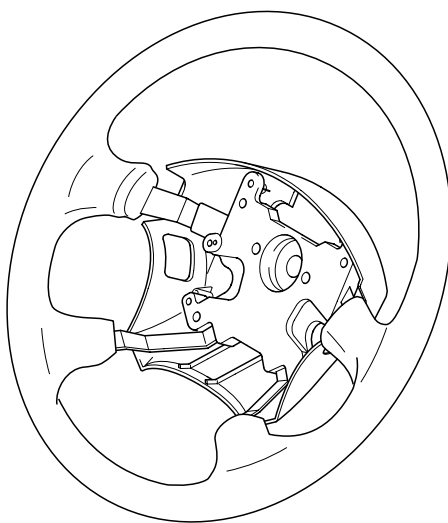
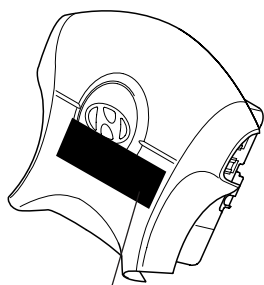
**SIDE AIR BAG**

THIS CAR IS EQUIPPED WITH A SIDE AIRBAG SYSTEM. TO PROVIDE CONTINUED RELIABILITY, CERTAIN ELEMENTS OF THE SIDE AIRBAG SYSTEM SHALL BE SERVICED OR REPLACED BY AUTHORIZED DEALER TEN YEARS AFTER VEHICLE MANUFACTURE DATE SHOWN ON CERTIFICATION LABEL. FOR FURTHER INFORMATION, SEE OWNER'S MANUAL.

## AIR BAG WARNING / CAUTION LABEL

**CAUTION**

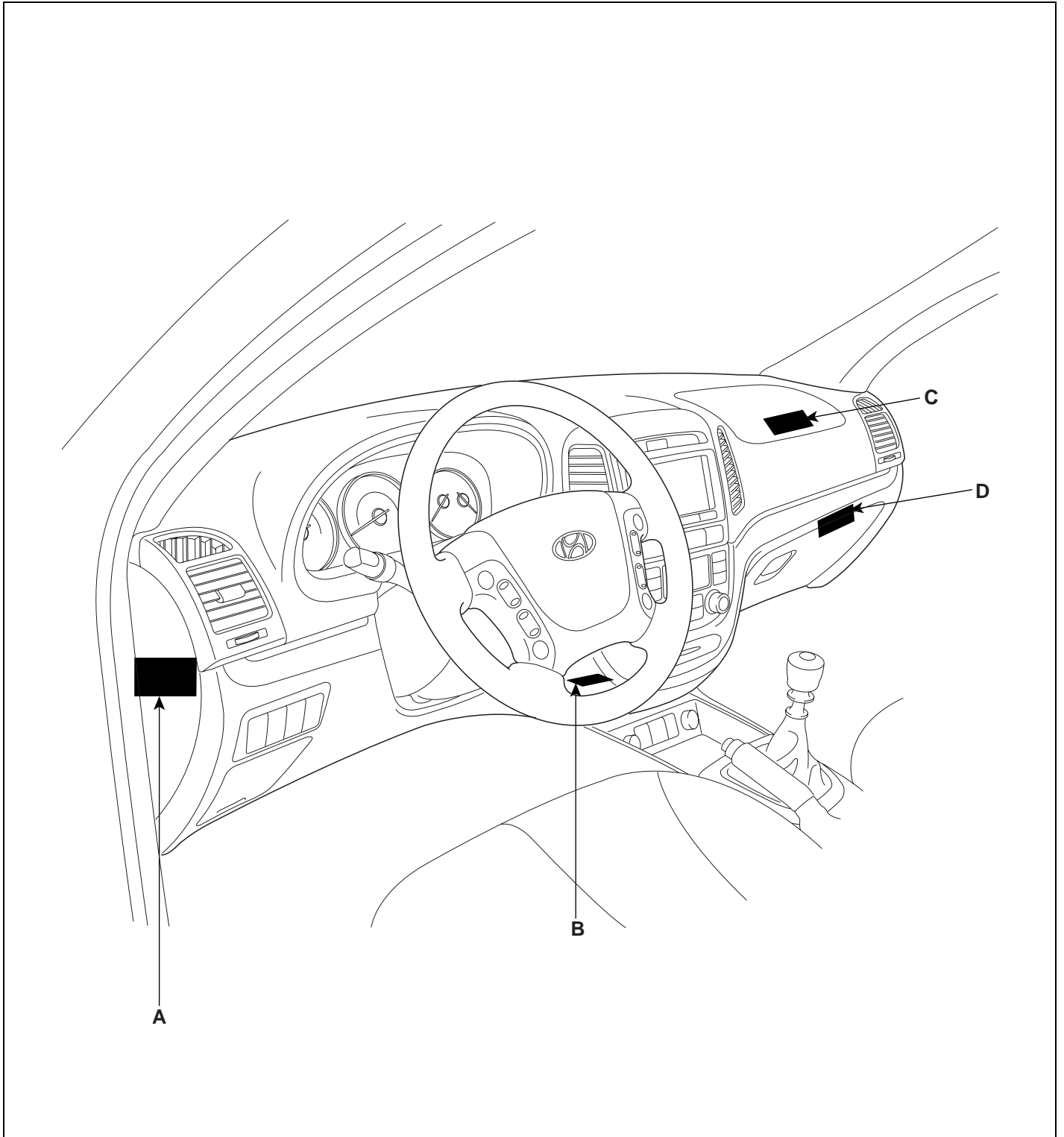
**AIR BAG :** Handling is limited to trained personnel.  
To be used only in prescribed vehicles. If not properly installed, device may become a dangerous projectile.  
See service manual instruction

**DRIVE MODULE CAUTION****Caution**

Don't open, remove or transfer to another vehicle. Risk of malfunction and bodily injury!

This unit is to be installed and/or dismantled by trained personnel only. This item contains an explosive to be installed igniter.

AIR BAG WARNING / CAUTION LABEL (CONT'D)



**WARNING / CAUTION LABEL (CONT'D)****A : WARNING**

SEE OWNER'S MANUAL.

This car is equipped a side airbag for each front seat.

- Do not use any accessory seat covers.
- Use of other seat covers could reduce the effect of the system.
- Do not install any accessories on the side or near the side airbag.
- Do not use excessive force on the side of the seat.
- For further information, see the owner's manual.

**B : CAUTION**

AIRBAG ESPE UNIT

Detach connector before unmounting. Assemble strictly according to manual instructions.

**C : PASSENGER MODULE CAUTION****CAUTION**

Don't open, remove or transfer to another vehicle.

Risk of malfunction and bodily injury!

This unit is to be installed and/or dismantled by trained personnel only. This item contains an explosive to be installed igniter.

**D : SUPPLEMENTAL RESTRAINT SYSTEM (AIRBAG) INFORMATION**

- The airbag is a Supplement Restraint System (SRS).  
You must always wear the seat belts.
- The airbag system condition is normal when the "SRS" lamp in the cluster flashes approximately 6 times after the ignition key is turned on and then goes off.
- If any of the following condition occur, the system must be serviced.
  - "SRS" lamp does not light up when the key is turned on.
  - "SRS" lamp stays lit or flashes continuously.
  - The airbag has inflated.
- The airbag system must be inspected by an authorized dealer ten years after the vehicle manufacture date shown on the certification label, located on left front door opening area.

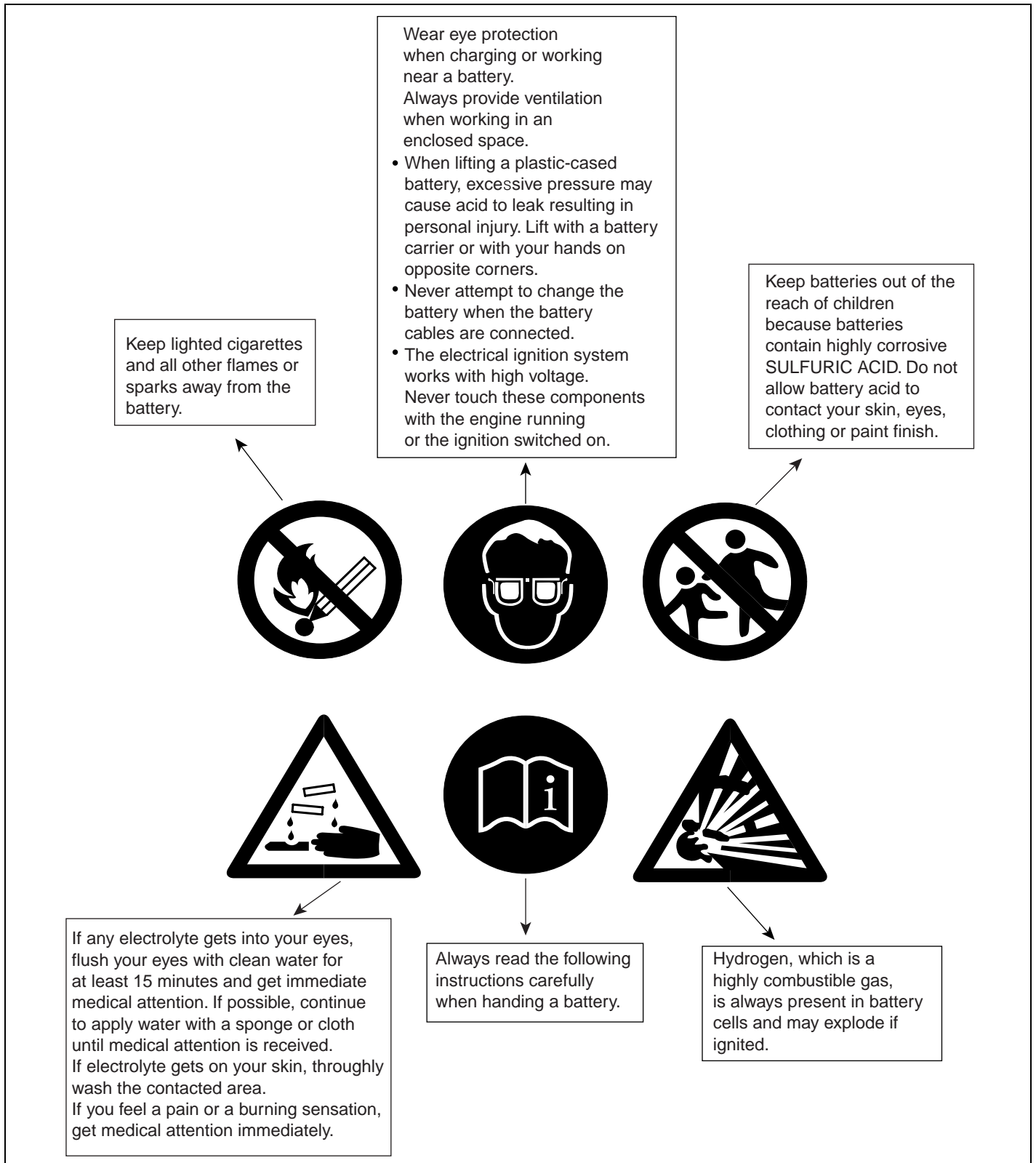
**WARNING**

Failure to the above instructions may result in injury to you or other occupants in the vehicle

- See the "SRS" section in Owner's Manual for more information about airbags.



BATTERY CAUTION LABEL DESCRIPTION



**HANDLING AND STORING THE BATTERY**

Battery Itself	<ul style="list-style-type: none"><li>• Batteries should be stored in cool, dry (27 degrees Celsius) places and out of direct sunlight.</li><li>• MF batteries are tightly sealed to prevent acid leakage. However, tilting the battery to an angle of 45 degrees can cause acid to leak through the vents on the sides. Therefore, batteries should always be stored in their upright positions. Prevent placing any aqueous or solid (i.e. conductors) bodies on top of the battery.</li><li>• It is extremely dangerous to use tools, such as hammers, on the battery terminals when connecting cables to the mounted battery.</li></ul>
Battery on Vehicle	<ul style="list-style-type: none"><li>• When storing the vehicle for long periods of time, make sure to remove the memory fuse at junction box to prevent natural discharging.</li><li>• Also, run the engine for battery charging within 1 month if the memory fuse wasn't removed from the start of vehicle storing. If the memory fuse was removed, run the engine for battery charging within 3 months from the start of vehicle storing.</li></ul>

## LIFT AND SUPPORT POINTS

**⊗ WARNING**

When heavy rear components such as suspension, fuel tank, spare tire, tailgate and trunk lid are to be removed, place additional weight in the luggage area before hoisting. When substantial weight is removed from the rear of the vehicle, the center of gravity may change and can cause the vehicle to tip forward on the hoist.

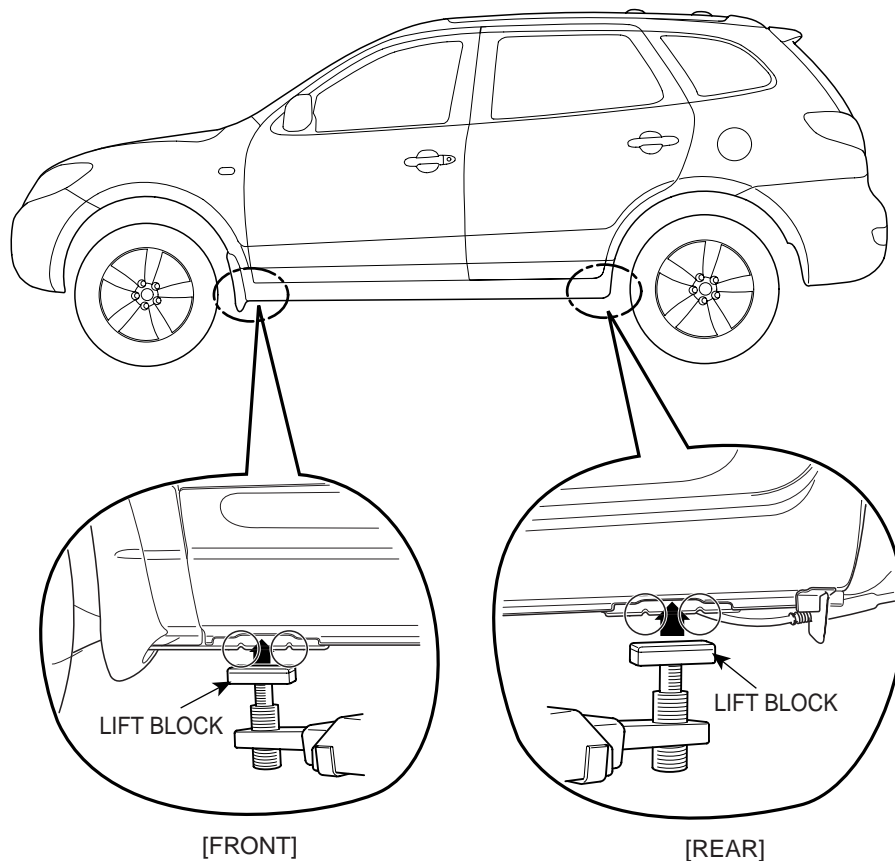
**📖 NOTE**

- Since each tire/wheel assembly weights approximately 30lbs (14kg), placing the front wheels in

*the luggage area can assist with the weight distribution.*

- *Use the same support points to support the vehicle on safety stands.*

1. Place the lift blocks under the support points as shown in the illustration.
2. Raise the hoist a few inches (centimeters) and rock the vehicle to be sure it is firmly supported.
3. Raise the hoist to full height to inspect the lift points for secure support.



**TOWING**

If the vehicle needs to be towed, call a professional towing service. Never tow vehicle with just a rope or chain. It is very dangerous.

**EMERGENCY TOWING**

There are three popular methods of towing a vehicle :

**Flat - bed Equipment-** The operator loads the vehicle on the back of truck. This is best way of transporting the vehicle.

**Wheel Lift Equipment-** The tow truck uses two pivoting arms that go under the tires (front or rear) and lift them off the ground. The other two wheels remain on the ground.

**Sling type Equipment-** The tow truck metal cables with hooks on the ends. These hooks go around parts of the frame or suspension, and the cables lift that end of the vehicle off the ground. The vehicle's suspension and body can be seriously damaged if this method of towing is attempted.

If the vehicle cannot be transported by flat-bed, it should be towed with the front wheels off the ground. If due to damage, the vehicle must be towed with the front wheels on the ground, do not following :

Manual Transmission

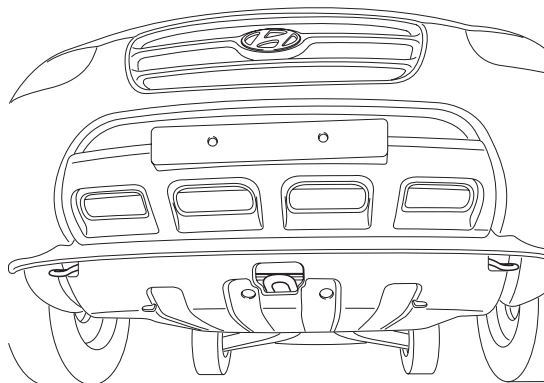
- Release the parking brake.
- Shift the transmission to neutral

Automatic Transmission

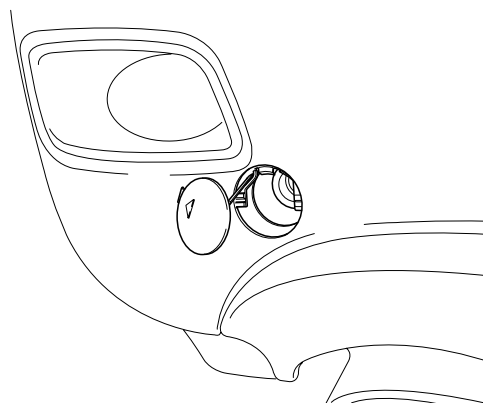
- Release the parking brake.
- Start the engine.
- Shift to [D] position, then [N] position.
- Turn off the engine.

**CAUTION**

- ***Improper towing preparation will damage the transmission. Follow the above procedure exactly. If you cannot shift the transmission or start the engine(automatic transmission), your vehicle must be transported on a flatbed.***
- ***It is the best to tow vehicle no farther than 19miles (30km), and keep the speed below 30mph (50km/h).***
- ***Trying to lift or tow your vehicle by the bumpers will cause serious damage. The bumpers are not designed to support the vehicle's weight.***

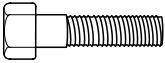
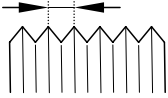
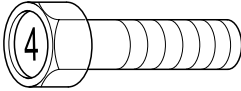
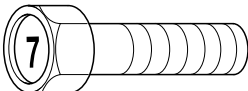
**FRONT :**

SCMG16008D

**REAR :**

SCMG16009D

**TIGHTENING TORQUE TABLE OF STANDARD PARTS**

Bolt nominal diameter (mm)	Pitch (mm)	Torque Nm (kg.cm, lb.ft)	
		Head Mark 4	Head Mark 7
 <small>EAKE004E</small>	 <small>KASD100Y</small>	 <small>EAKE004F</small>	 <small>EAKE004G</small>
M5	0.8	3 ~ 4 (30 ~ 40, 2.2 ~ 2.9)	5 ~ 6 (50 ~ 60, 3.6 ~ 4.3)
M6	1.0	5 ~ 6 (50 ~ 50, 3.6 ~ 4.3)	9 ~ 11 (90 ~ 110, 6.5 ~ 8.0)
M8	1.25	12 ~ 15 (120 ~ 150, 9 ~ 11)	20 ~ 25 (200 ~ 250, 14.5 ~ 18.0 )
M10	1.25	25 ~ 30 (250 ~ 300, 18 ~ 22)	30 ~ 50 (300 ~ 500, 22 ~ 36)
M12	1.25	35 ~ 45 (350 ~ 450, 25 ~ 33)	60 ~ 80 (600 ~ 800, 43 ~ 58)
M14	1.5	75 ~ 85 (750 ~ 850, 54 ~ 61)	120 ~ 140 (1,200 ~ 1,400, 85 ~ 100)
M16	1.5	110 ~ 130 (1,100 ~ 1,300, 80 ~ 94)	180 ~ 210 (1,800 ~ 2,100, 130 ~ 150)
M18	1.5	160 ~ 180 (1,600 ~ 1,800, 116 ~ 130)	260 ~ 300 (2,600 ~ 3,000, 190 ~ 215)
M20	1.5	220 ~ 250 (2,200 ~ 2,500, 160 ~ 180)	360 ~ 420 (3,600 ~ 4,200, 260 ~ 300)
M22	1.5	290 ~ 330 (2,900 ~ 3,300, 210 ~ 240)	480 ~ 550 (4,800 ~ 5,500, 350 ~ 400)
M24	1.5	360 ~ 420 (3,600 ~ 4,200, 260 ~ 300)	610 ~ 700 (6,100 ~ 7,000, 440 ~ 505)

**NOTE**

1. The torques shown in the table are standard values under the following conditions :
  - Nuts and bolts are made of galvanized steel bar.
  - Galvanized plain steel washers are inserted.
  - All nuts, bolts and plain washers are dry.
  
2. The torques shown in the table are not applicable :
  - When spring washers, toothed washers and the like are inserted.
  - If plastic parts are fastened.
  - If self-tapping screws or self-locking nuts are used.
  - If threads and surfaces are coated with oil.

3. If you reduce the torques in the table to the percentage indicated below, under the following conditions, it will be the standard value.
  - If spring washers are used : 85%
  - If threads and bearing surfaces are stained with oil : 85%

LUBRICANTS

RECOMMENDED LUBRICANTS

Parts		OIL & GREASE STANDARD
Engine Oil	Diesel 2.2	API CF -4 or ABOVE, ACEA B4 or ABOVE
	Gasoline 2.7	API SJ or ABOVE
Transaxle	Manual	SAE 75W/85 (API GL - 4)
	Auto	DIAMOND ATF SP-III, SK ATF SP-III
Power Steering		PSF -3
Breake Steering		DOT 3 or equivalent
Coolant		Ethlyene glycol base for aluminium radiator
Transaxle linkage, parking breake cable mechanism, hood, door latch, seat adjuster, tailgate latch, door hinges, tailgate hinge		Multipurpose grease NIGL grade #2

 **WARNING**

Always use Genuine Hyundai parts and recommended fluid.

Using any other type of parts and fluid can cause serious damaged if the vehicle.**RECOMMENDED LUBRICANTS**

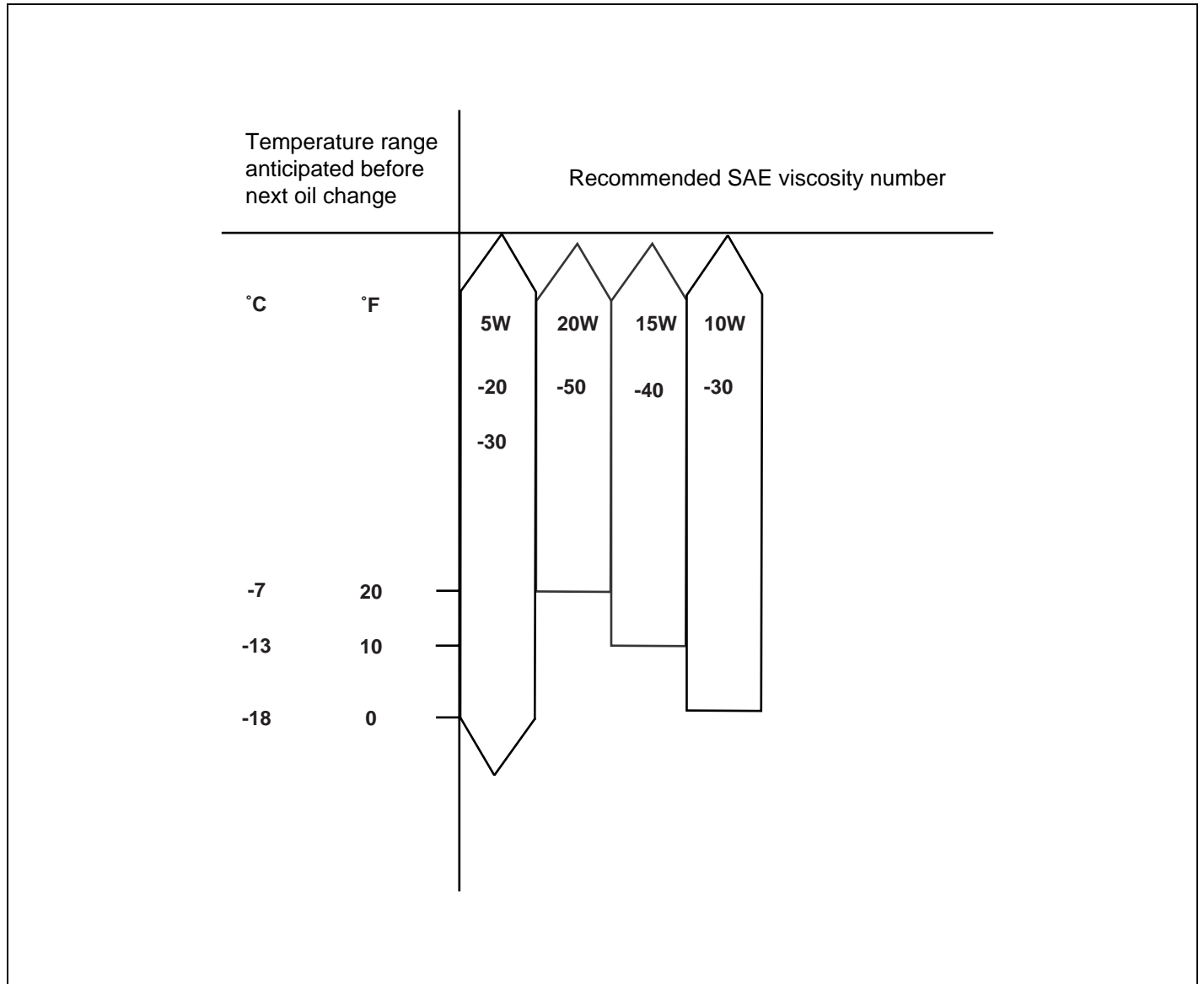
LUBRICANTS CAPACITIES

Description		Gasoline(2.7)	Diesel(2.2)
Engine oil	Oil pan	4.2 (4.44, 3.70)	5.4 (5.70, 4.75)
	Oil filter	0.3 (0.32, 0.26)	0.5 (0.583, 0.44)
	Total	4.5 (4.75, 3.96)	5.9 (6.3, 5.2)
Cooling system		7.8 (8.2, 6.8)	7.9 (8.35, 6.95)
Manual transaxle		2.15 (2.3, 1.86)	2.15 (2.3, 1.86)
Automatic transaxle		7.8 (8.2, 6.8)	7.8 (8.2, 6.8)
Power steering		0.9 (0.95, 0.79)	0.9 (0.95, 0.79)

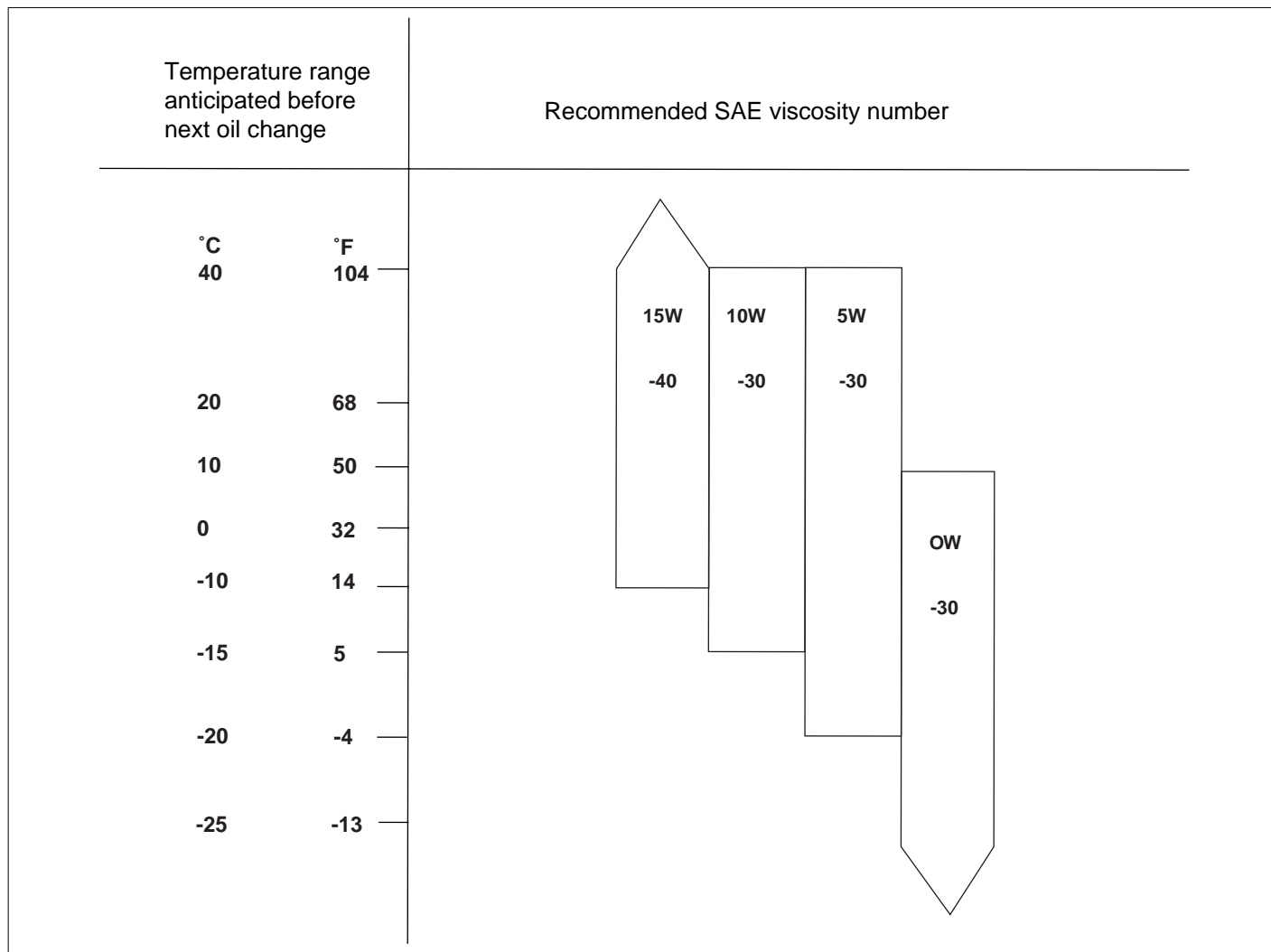
**SELECTION OF ENGINE OIL**

Recommended API classification : SJ OR SI ABOVE, CF  
- 2.7 (Gasoline)

**RECOMMENDED SAE VISCOSITY GRADES :**



RECOMMENDED API CLASSIFICATION : CF-4 ABOVE - 2.2 (DIESEL)



SCMGI6011L

**NOTE**

For best performance and maximum protection of all types of operation, select only those lubricants which :

1. Satisfy the requirements of the API classification.
2. Have the proper SAE grade number for expected ambient temperature range.

Lubricants which do not have both an SAE grade number and an API service classification on the container should not be used.