

Specifications & Consumer information

Engine	8-2
Dimensions	8-2
Bulb wattage	8-2
Tires and wheels	8-3
Weight and volume	8-3
Recommended lubricants and capacities	8-4
• Recommended SAE viscosity number	8-5
Vehicle identification number (VIN)	8-6
Vehicle certification label	8-6
Tire specification and pressure label	8-7
Engine number	8-7
Refrigerant label	8-7

ENGINE

Item	Gasoline 3.8
Displacement [cc(cu.in)]	3,778 (230.5)
Bore x Stroke [mm(in)]	96 x 87 (3.78 x 3.42)
Firing order	1-2-3-4-5-6
No. of cylinders	6, V-Type

DIMENSIONS

Item	mm (in)
Overall length	4,630 (182.2)
Overall width	1,865 (73.4)
Overall height	1,385 (54.5)
Front tread	1,605 (63.2) / 1,601 (63.0)* ¹
Rear tread	1,625 (64.0) / 1,621 (63.8)* ¹
Wheelbase	2,820 (111)

*¹ : with R19 tire

BULB WATTAGE

Light Bulb	Wattage	Bulb type
Headlights (Low)	55 or 35 (HID)	H7HPLL
Headlights (High)	55	H7HPLL
Front turn signal lights	28	PY28WLL
Front side maker	5	W5WLL
Front fog lights	35	H8L
Front position lights	8	PY28/8WLL
Daytime running lights*	LED	LED
Stop and tail lights	LED	LED
Rear turn signal lights	27	P27WL
Back-up lights	16	W16W
Rear side marker	LED	LED
High mounted stop light	LED	LED
License plate lights	5	W5WL
Map lamps	10	W10W
Luggage lamp	5	FESTOON
Glove box lamp	5	FESTOON
Vanity mirror lamps	5	FESTOON
Side repeater lights*	LED	LED

* : if equipped

TIRES AND WHEELS

Item	Tire size	Wheel size	Inflation pressure kPa (psi)		Wheel lug nut torque kg•m (lb•ft, N•m)
			Front	Rear	
Full size tire	225/45R18	7.5Jx18	240 (35)	-	9~11 (65~79 , 88~107)
	245/45R18	8.0Jx18	-	240 (35)	
	225/40R19	8.0Jx19	240 (35)	-	
	245/40R19	8.5Jx19	-	240 (35)	
Compact spare tire	T135/90D17	4.0Tx17	420 (60)	420 (60)	
	T135/80R18	4.0Tx18			

WEIGHT/VOLUME

Item	Gasoline 3.8	
	M/T	A/T
Gross vehicle weight kg (lbs.)	1970 (4343)	2000 (4409)
Luggage volume l (cu ft)	284 (10)	

RECOMMENDED LUBRICANTS AND CAPACITIES

To help achieve proper engine and powertrain performance and durability, use only lubricants of the proper quality. The correct lubricants also help promote engine efficiency that results in improved fuel economy.

These lubricants and fluids are recommended for use in your vehicle.

Lubricant		Volume	Classification
Engine oil *1 *2 (drain and refill) Recommends		5.7 l (6.02 US qt.)	API service SM, ILSAC GF-4, ACEA A5 or above*3
Automatic transmission fluid		9.6 l (10.14 US qt.)	GS ATF SP-IV-RR, HYUNDAI genuine ATF SP-IV-RR
Manual transmission fluid		2.2 ~ 2.3 l (2.3 ~ 2.4 US qt.)	HYUNDAI Genuine transaxle fluid (API GL-4, SAE 75W/85) Use the Manual transaxle fluid approved by HYUNDAI motor company. Consult an authorized HYUNDAI dealer for details.
Power steering		0.9 l (0.95 US qt.)	Pentosin CHF 202
Coolant	M/T	9 l (9.51 US qt.)	Mixture of antifreeze and water (Ethylene glycol base coolant for aluminum radiator)
	A/T	8.8 l (9.30 US qt.)	
Brake fluid		0.7 ~ 0.8 l (0.7 ~ 0.8 US qt.)	SAE J1703, FMVSS116 DOT-3 or DOT-4
Fuel		65 l (17.17 US gal.)	Unleaded gasoline
Rear differential oil		1.4 l (1.48 US qt.)	Hypoid gear oil API GL-5, SAE 75W/90

*1 Refer to the recommended SAE viscosity numbers on the next page.

*2 Engine oils labeled Energy Conserving Oil are now available. Along with other additional benefits, they contribute to fuel economy by reducing the amount of fuel necessary to overcome engine friction. Often, these improvements are difficult to measure in everyday driving, but in a year's time, they can offer significant cost and energy savings.

*3 If the API service SM engine oil is not available in your country, you are able to use API service SL, ILSAC GF-4, ACEA 3.

Recommended SAE viscosity number

CAUTION

Always be sure to clean the area around any filler plug, drain plug, or dipstick before checking or draining any lubricant. This is especially important in dusty or sandy areas and when the vehicle is used on unpaved roads. Cleaning the plug and dipstick areas will prevent dirt and grit from entering the engine and other mechanisms that could be damaged.

Engine oil viscosity (thickness) has an effect on fuel economy and cold weather operating (engine start and engine oil flowability). Lower viscosity engine oils can provide better fuel economy and cold weather performance, however, higher viscosity engine oils are required for satisfactory lubrication in hot weather. Using oils of any viscosity other than those recommended could result in engine damage.

When choosing an oil, consider the range of temperature your vehicle will be operated in before the next oil change. Proceed to select the recommended oil viscosity from the chart.

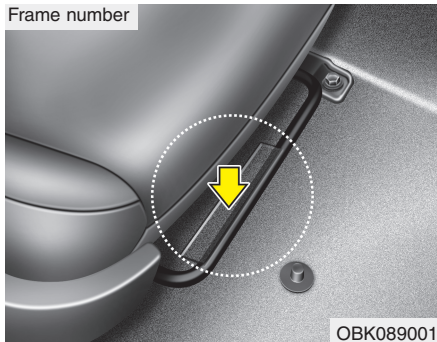
Temperature Range for SAE Viscosity Numbers										
Temperature	°C	-30	-20	-10	0	10	20	30	40	50
	(°F)	-10	0	20	40	60	80	100	120	
Gasoline Engine Oil *1		10W-30								
		5W-30								

*1 For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-30 (API SM / ILSAC GF-4 / ACEA A5). However, if the engine oil is not available in your country, select the proper engine oil using the engine oil viscosity chart.



VEHICLE IDENTIFICATION NUMBER (VIN)

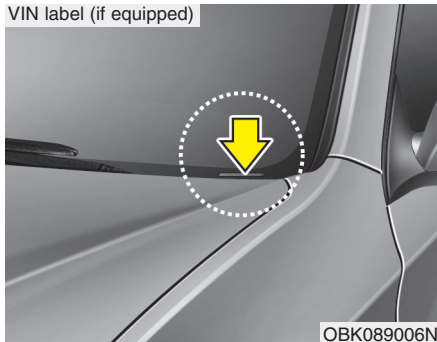
Frame number



The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc.

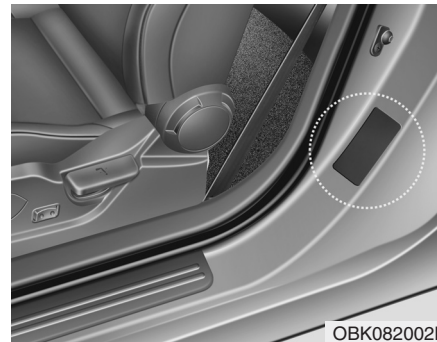
The number is punched on the floor under the front passenger's seat. To check the number, open the cover.

VIN label (if equipped)



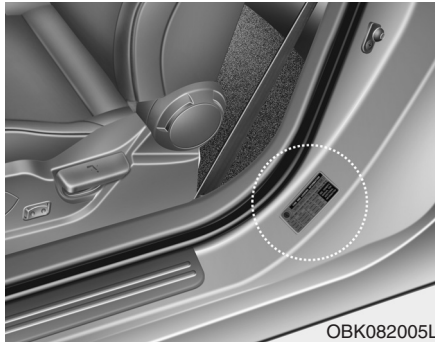
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

VEHICLE CERTIFICATION LABEL



The vehicle certification label attached on the driver's side center pillar gives the vehicle identification number (VIN).

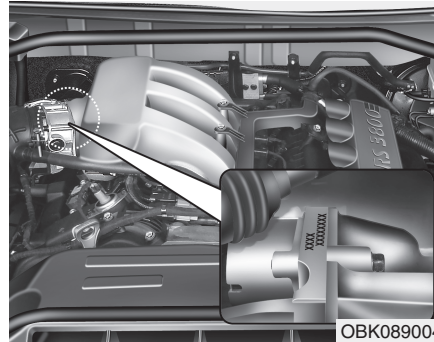
TIRE SPECIFICATION AND PRESSURE LABEL



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

The tire label located on the driver's side center pillar gives the tire pressures recommended for your car.

ENGINE NUMBER



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

REFRIGERANT LABEL



The refrigerant label is located on the underside of the hood.

The label contains the following information:

- Type of refrigerant
- Amount of refrigerant