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Specifications & Consumer information

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ENGINE

Item	Gasoline (2.4)
Displacement	2359 cc (143.96 cu. in)
Bore x Stroke	88 x 97 mm (3.46 x 3.82 in.)
Firing order	1-3-4-2
No. of cylinders	4, In-line

CAPACITY/WEIGHT

Item		Gasoline (2.4)
Gross vehicle weight kg (lbs.)	A/T	2080 (4586)
Luggage volume l (cu ft)		304 (10.7)

BATTERY

Item	Sonata HEV
Battery pack voltage	270V
Cell voltage	3.75V
Number of cell in the pack	72cell (9module x 8cell)
Battery system weight	42kg (system)
Dimensions	54.4L (211*355*726)

Components powered by the battery pack

- Electric motor, Power cable, HSG, Inverter/LDC,
A/C Compressor

DIMENSIONS

Item	mm (in)
Overall length	4820 (189.8)
Overall width	1835 (72.2)
Overall height	1465 (57.7)
Front tread	1597 (62.9)* ¹ / 1591 (62.6)* ²
Rear tread	1597 (62.9)* ¹ / 1591 (62.6)* ²
Wheelbase	2795 (110.0)

*¹ : with R16 tire

*² : with R17 tire

BULB WATTAGE

Light Bulb	Wattage	Bulb type
Headlights (Low)	55	H11
Headlights (High)	55	H7
Front turn signal lights	28	PY28/8W
Position lights	LED	-
Side repeater	LED	-
Front side marker	LED	-
Front fog lights*	35	H8
Stop and tail lights	LED	-
Tail light*	LED	-
Rear turn signal lights	27	PY27W
Back-up lights	16	W16W
Light curtain	LED	-
Rear side marker	LED	-
High mounted stop light	LED	-
License plate lights	5	W5W
Map lamps	8	C8W
Room lamps	10 or 6	C10W/W6W
Luggage lamp*	5	C5W
Glove box lamp	5	C5W
Vanity mirror lamps	5	C5W

* : If equipped

TIRES AND WHEELS

Item	Tire size	Wheel size	Inflation pressure kPa (psi)				Wheel lug nut torque kg•m (lb•ft, N•m)
			Normal load *1		Maximum load		
			Front	Rear	Front	Rear	
Full size tire	P205/65R16 94H	6.5J×16	235 (34)	235 (34)	235 (34)	235 (34)	9~11 (65~79, 88~107)
	P215/55R17 93V	6.5J×17	235 (34)	235 (34)	235 (34)	235 (34)	
Compact spare tire *2 (if equipped)	T125/80D16 97H	4.0T×16	420 (60)	420 (60)	420 (60)	420 (60)	

*1 Normal load : Up to 3 persons

*2 If your vehicle is not equipped with a compact spare tire, you will be equipped with a Tire Mobility Kit

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 	4.5 l (4.76 US qt.)	API Service SM ^{*3} , ILSAC GF-4 or above
Automatic transaxle fluid	6.5 l (6.87 US qt.)	MICHANG ATF SP-IV, SK ATF SP-IV NOCA ATF SP-IV, HYUNDAI genuine ATF SP-IV
Coolant	6.6~6.9 l (6.97~7.29 US qt.)	Mixture of antifreeze and water (Ethylene glycol base coolant for aluminum radiator)
Inverter coolant	2.26 l (2.39 US qt.)	Mixture of antifreeze and water (Ethylene glycol base coolant for aluminum radiator)
Brake fluid	0.7~0.8 l (0.7~0.8 US qt.)	FMVSS116 DOT-3 or DOT-4
Fuel	65 l (17.2 US gal.)	Unleaded gasoline

*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.

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.

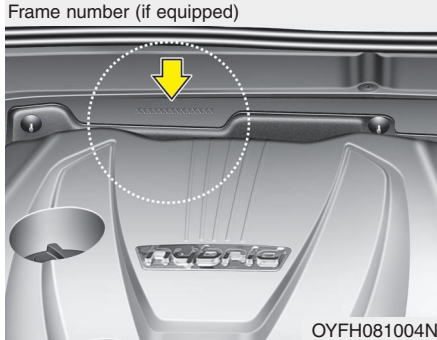
Temperature Range for SAE Viscosity Numbers										
Temperature	°C	-30	-20	-10	0	10	20	30	40	50
	(°F)	-10	0	20	40	60	80	100	120	
Engine Oil *1		10W-30								
		5W-20, 5W-30								

1. For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-20 (API Service SM / ILSAC GF-4). However, if the engine oil is not available, select the proper engine oil using the engine oil viscosity chart.



VEHICLE IDENTIFICATION NUMBER (VIN)

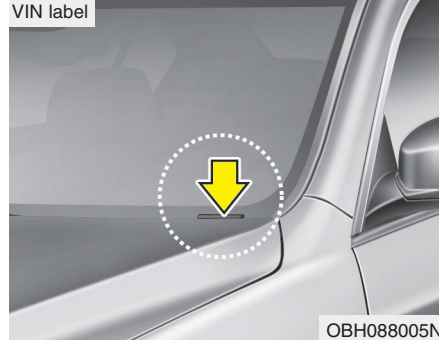
Frame number (if equipped)



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

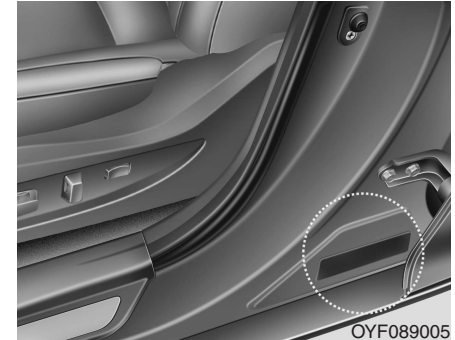
The number is punched on the engine compartment bulkhead.

VIN label



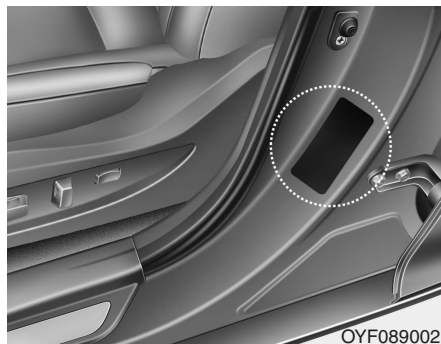
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

VEHICLE CERTIFICATION LABEL



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

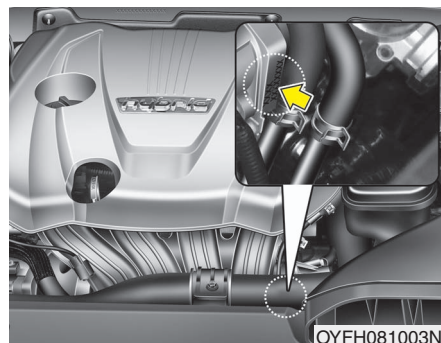
TIRE SPECIFICATION AND PRESSURE LABEL



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

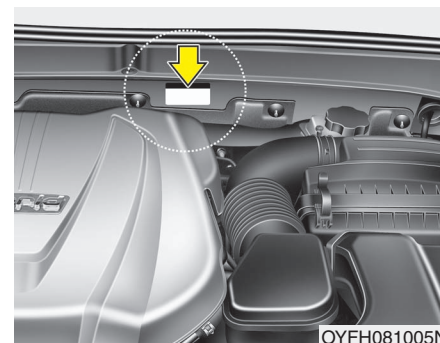
The tire label located on the driver's side center pillar gives the tire pressures recommended for your car.

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 engine compartment bulkhead.