

Specifications & Consumer information

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DIMENSIONS

Item	mm	
Overall length	4,970	
Overall width	1,870	
Overall height	1,470 (high suspension : 1,480)	
Front tread	225/55R17	1,612
	245/45R18	1,607
	245/40R19	1,602
Rear tread	225/55R17	1,620
	245/45R18	1,615
	245/40R19	1,610
Wheelbase	2,855	

TIRES AND WHEELS

Item	Tire size	Wheel size	Load		Speed		Inflation pressure [bar(psi, kPa)]				Wheel lug nut torque Kgf-m (lb-ft, N-m)
			Capacity		Capacity		Normal load *3		Maximum load		
			LI *1	Kg	SS *2	Km/h	Front	Rear	Front	Rear	
Full size tire	225/55 R17	7.0Jx17	97	730	V	240	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	9~11 (65~79, 88~107)
	245/45 R18	7.5Jx18	96	710	W	270	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	
	245/40 R19	8.0Jx19	94	670	W/Y	270/300	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	
Compact spare tire	T135/80 D17	4.0Tx17	103	875	M	130	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	

*1 : Load Index

*2 : Speed Symbol

*3 : Normal load : Up to 3 persons



CAUTION

When replacing tires, use the same size originally supplied with the vehicle.

Using tires of a different size can damage the related parts or make it work irregularly.

* NOTICE

- We recommend that when replacing tires, use the same originally supplied with the vehicles. If not, that affects driving performance.
- When driving in high altitude grades, it is natural for the atmospheric pressure to decrease. Therefore, please check the tire pressure and add more air when necessary. Additionally required tire air pressure per km above sea level: 1.5psi/km

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ENGINE

Item	Gasoline Lambda II 3.3
Displacement cc (cu. in)	3,342 (203.94)
Bore x Stroke mm(in.)	92 x 83.8 (3.62 x 3.29)
Firing order	1-2-3-4-5-6
No. of cylinders	6.V - type

WEIGHT/VOLUME

Item	Gasoline Lambda II 3.3
Gross vehicle weight kg (lbs.)	2,140 (4,718)
Luggage volume l (cu ft)	452 (15.96)

AIR CONDITIONING SYSTEM

Item	Weight or volume		Classification
Refrigerant	For Iran	550±25g	R-1234yf
	Except Iran	650±25g	R-134a
Compressor lubricant	100±10cc		PAG (FD46XG)

BULB WATTAGE

Light Bulb			Wattage	Bulb type
Front	Headlights (High)		60W	HB3
	Headlights (Low)		55 or 35 (HID)	H7 or D3S (HID)
	Front turn signal lights		21W	PY21W
	Position lights		LED	LED
	Side repeater lights (Outside mirror)*		LED	LED
	Front fog lights	Halogen	55W	HB4
		LED	LED	LED
Rear	Stop and tail lights		LED	LED
	Rear turn signal lights		27W	PY21
	Back-up lights		16	W16W
	Rear fog lights*		LED	LED
	High mounted stop light		LED	LED
	License plate lights		5W	W5W
Interior	Map lamps/Room lamps		10W	W10W
	Mood lamp		LED	LED
	Trunk lamp		LED	LED
	Glove box lamp		5	FESTOON
	Vanity mirror lamps		5	FESTOON
	Foot lamp		5	FESTOON
	Overhead Console lamp (LED Type, Sunroof only)		LED	LED

* : If equipped

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 	3.3L MPI	5.7 liter (6.02 US qt.)	ACEA A5 or above
	3.3L GDI	6.5 liter (6.86 US qt.)	
Automatic transaxle fluid	3.3L MPI	7.8 liter (8.24 US qt.)	MICHANG ATF SP-IV, SK ATF SP-IV, NOCA ATF SP-IV, Kia genuine ATF SP-IV
	3.3L GDI	7.0 liter (7.39 US qt.)	
Coolant		8.5 liter (8.98 US qt.)	Mixture of antifreeze and distilled water (Ethylene glycol base coolant for aluminum radiator)
Brake fluid		0.7~0.8 liter (0.74~0.85 US qt.)	FMVSS116 DOT-3 or DOT-4
Fuel		70 liter (18.49 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.

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.

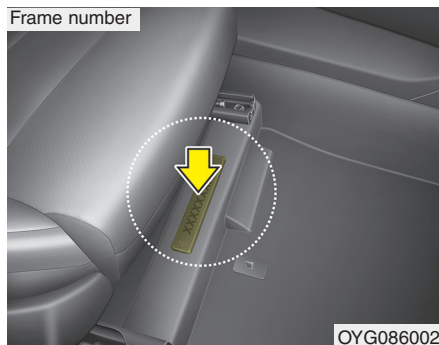
Using oils of any viscosity other than those recommended could result in engine damage.

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.

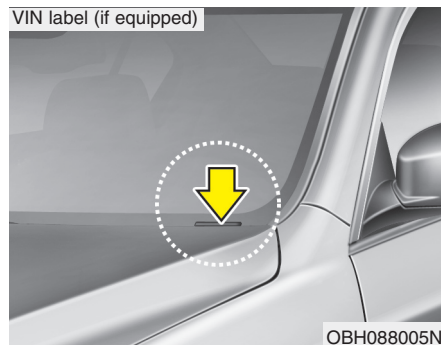
Temperature Range for SAE Viscosity Numbers										
Temperature	°C	-30	-20	-10	0	10	20	30	40	50
	(°F)	-10	0	20	40	60	80	100	120	
Gasoline Engine Oil * ¹ (3.3 L)										20W-50
										15W-40
										10W-30
										5W-30

*¹ : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-30(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)

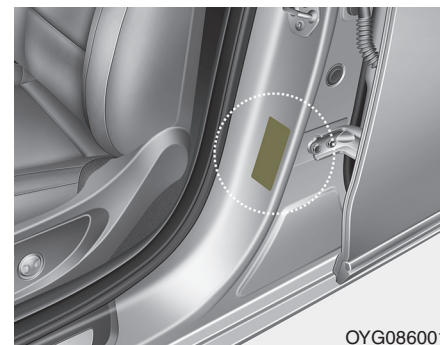


The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc.



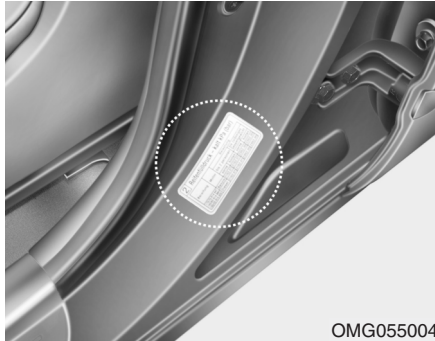
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

ID-LABEL



The ID-label attached on the driver's (or front passenger's) side center pillar gives the vehicle identification number (VIN).

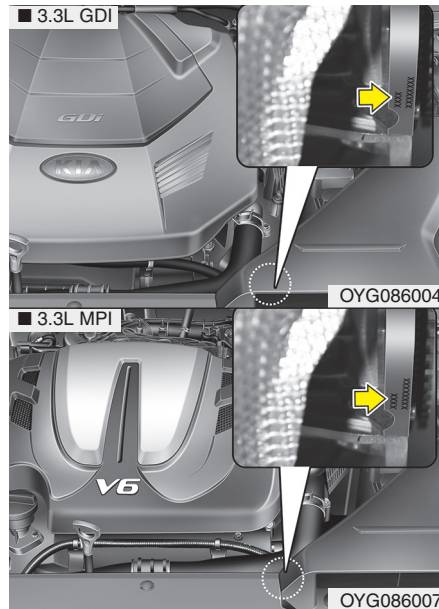
TIRE SPECIFICATION AND PRESSURE LABEL



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

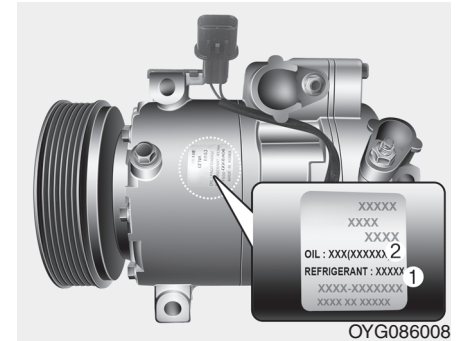
The tire label located on the driver's side center pillar gives the tire pressures recommended for your car.

ENGINE NUMBER



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

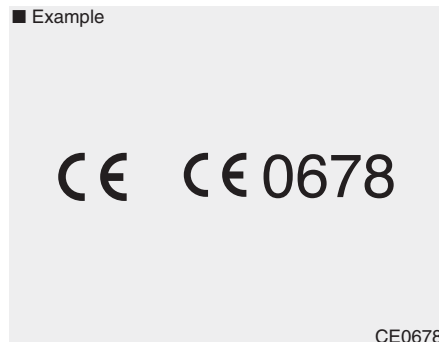
AIR CONDITIONER COMPRESSOR LABEL



A compressor label informs you the type of compressor your vehicle is equipped with such as model, supplier part number, production number, refrigerant (1) and refrigerant oil (2).

DECLARATION OF CONFORMITY

■ Example



CE CE 0678

CE0678

The radio frequency components of the vehicle comply with requirements and other relevant provisions of Directive 1995/5/EC.

Further information including the manufacturer's declaration of conformity is available on Kia web site as follows;

<http://www.kia-hotline.com>