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DIMENSIONS

ITEM			7 Seater	8 Seater
Overall length			5,000 mm (196.8 in)	←
Overall width			1,990 mm (78.3 in)	←
Overall height			1,750 mm (68.9 in)	←
Tread	Front	245/60 R18	1,708 mm (67.2 in)	←
		245/50 R20	1,708 mm (67.2 in)	←
	Rear	245/60 R18	1,716 mm (67.6 in)	←
		245/50 R20	1,716 mm (67.6 in)	←
Wheelbase			2,900 mm (114.1 in)	←

ENGINE

Item	(Gasoline) 3.8 GDi Atkinson
Displacement cc (cu. in)	3,778 (230.55)
Bore x Stroke mm (in.)	96 X 87 (3.78 X 3.43)
Firing order	1-2-3-4-5-6
No. of cylinders	6, V-type

GROSS VEHICLE WEIGHT

kg (lbs.)

ITEM	FWD		AWD	
	7 Seater	8 Seater	7 Seater	8 Seater
(Gasoline) 3.8 GDi Atkinson	2,552 (5,626)	2,620 (5,776)	2,615 (5,765)	2,644 (5,829)

LUGGAGE VOLUME

L (cu. ft.)

ITEM		7 Seater	8 Seater
VDA	MIN.	336 (11.9)	336 (11.9)
	MAX.	1,907 (67.3)	1,857 (65.6)

Min : Behind 3rd row.
Max : Behind front seat to roof.

AIR CONDITIONING SYSTEM

g (oz.)

ITEM	Weight of volume	Classification
Refrigerant	1,075 ± 25 (37.91 ± 0.88)	R-134a
Compressor lubricant	210 ± 10 (7.4 ± 0.35)	FD46XG (IDEMITUS)

Please contact a professional workshop for more details.
Kia recommends to contact an authorized Kia dealer/service partner.

BULB WATTAGE

Light Bulb				Bulb Type	Wattage (W)
Front	Headlamp	Low	Bulb type	HB3	60
		High	Bulb type	HB3	60
		Low	LED type	LED	LED
		High	LED type	LED	LED
	Turn signal lamp		Bulb type	28/8 2357NA	28/8
			LED type	LED	LED
	Day time running lamp/Position lamp			LED	LED
	Fog lamp			LED	LED
	Side repeater lamp			LED	LED
Rear	Rear combination lamp	Stop lamp	Bulb type	P21/5W	21/5
		Tail lamp	Bulb type	P21/5W	21/5
		Stop lamp	LED type	LED	LED
		Tail lamp	LED type	LED	LED
		Back up lamp		W16W	16
	Turn signal lamp			PY21W	21
	Fog lamp*			LED	LED
	High mounted stop lamp			LED	LED
	License plate lamp			W5W	5

(Continued)

(Continued)

Light Bulb			Bulb type	Wattage (W)
Interior	Map lamp	Bulb type	FESTOON	10
		LED type	LED	LED
	Room lamp	Bulb type	FESTOON	10
		LED type	LED	LED
	Vanity mirror lamp	Bulb type	FESTOON	5
		LED type	LED	LED
	Personal lamp*		LED	LED
	Glove box lamp*		FESTOON	5
	Cargo lamp	Bulb type	FESTOON	10
		LED type	LED	LED

* If equipped

TIRES AND WHEELS

Item	Tire size	Wheel size	Supplier	Load Capacity		Speed capacity		Inflation pressure [bar(psi, kPa)]				Wheel lug nut torque [Kgf·m (lbf·ft, N·m)]
								Normal load *3		Maximum load		
				LI *1	Kg	SS *2	Km/h	Front	Rear	Front	Rear	
Full size tire	245/60 R18	7.5JX18	Pirelli	105	925	H	210	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	11 ~ 13 (79 ~ 94, 107 ~ 127)
	245/50 R20	7.5JX20	Pirelli	102	850	V	240	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	
Compact Spare tire	T155/90 R18	4.0TX18	Kumho	113	1,150	M	130	4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	

*1 : Load Index

*2 : Speed Symbol

*3 : Normal load - Up to 3 persons

✻ 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**

⚠ 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.

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) Kia RECOMMENDS RECOMMANDE РЕКОМЕНДУЕТ TOTAL QUARTZ	Gasoline Engine	(Gasoline) 3.8 GDi Atkinson	6.5 *l* (6.87 US. qt.)	ACEA A5 or above *3
Automatic transmission fluid	Gasoline Engine	(Gasoline) 3.8 GDi Atkinson	7.0 *l* (7.4 US. qt.)	ATF SP-IV(M1) Recommended : SK ATF SP4M-1, MICHANG ATF SP4M-1, S-OIL ATF SP4M-1
Coolant	Gasoline Engine	(Gasoline) 3.8 GDi Atkinson	Approx. 12.2 L (12.9 US. qt.)	Mixture of antifreeze and distilled water (Ethylene glycol base coolant for aluminum radiator)
Brake fluid	Gasoline Engine	(Gasoline) 3.8 GDi Atkinson	0.46 ± 0.02 L (0.49 ± 0.02 US. qt.)	FMVSS135 DOT-3 or DOT-4
Rear differential oil (AWD)			0.70 ± 0.05 L (0.74 ± 0.05 US. qt.)	HYPOID GEAR OIL API GL-5, SAE 75W/85 (SK HCT-5 GEAR OIL 75W/85 or equivalent)

Lubricant			Volume	Classification
Transfer case oil (AWD)	Gasoline Engine	(Gasoline) 3.8 GDi Atkinson	0.7 *l* (0.74 US. qt.)	HYPOID GEAR OIL API GL-5, SAE 75W/85 (Recommended: SK HCT-5 GEAR OIL 75W85 or equivalent)
Fuel			71 *l* (75 US. qt.)	Refer to Fuel requirements in section 1

*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 ACEA A5 engine oil is not available in your country, you are able to use API service SL, IL SAC GF-3, ACEA A3.

Recommended SAE viscosity number

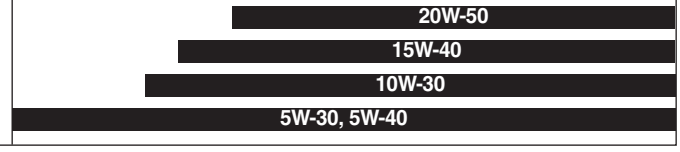
⚠ CAUTION

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) 3.8 GDi Atkinson *1										



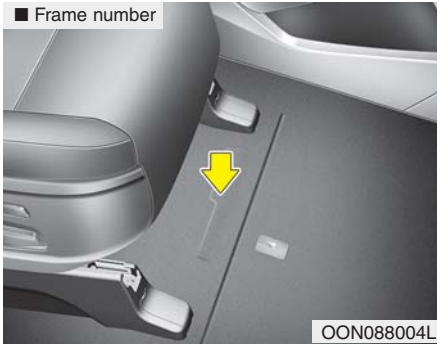
*1 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-30 (ACEA A5). However, if the engine oil is not available in your country, select the proper engine oil using the engine oil viscosity chart.



An engine oil displaying this American Petroleum Institute (API) Certification Mark conforms to the International Lubricant Specification Advisory Committee (ILSAC). It is recommended to only use engine oils that uphold this API Certification Mark

VEHICLE IDENTIFICATION NUMBER (VIN)

■ Frame number

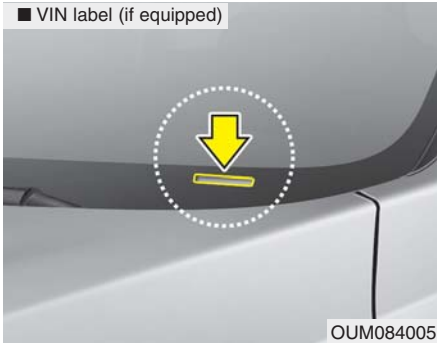


OON088004L

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

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

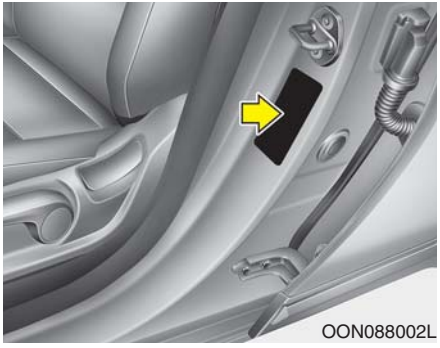
■ VIN label (if equipped)



OUM084005

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.

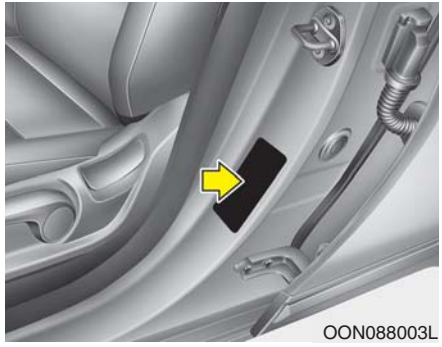
VEHICLE CERTIFICATION LABEL



OON088002L

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

TIRE SPECIFICATION AND PRESSURE LABEL

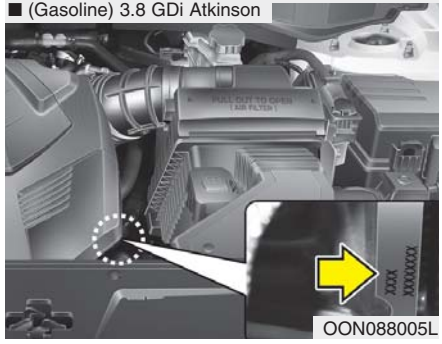

OON088003L

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 vehicle.

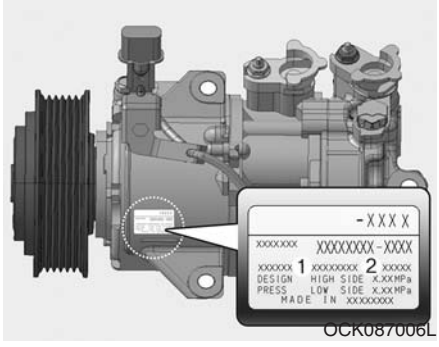
ENGINE NUMBER

■ (Gasoline) 3.8 GDi Atkinson


OON088005L

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

AIR CONDITIONER COMPRESSOR LABEL



OCK087006L

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).

REFRIGERANT LABEL



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

DECLARATION OF CONFORMITY

■ Example

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