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DIMENSIONS

ITEM			5 Seater	7 Seater
Overall length			4,780 mm (188.1 in)	←
Overall width			1,890 mm (74.4 in)	←
Overall height (For Europe)	Without Roof rack		1,680 mm (66.1 in)	←
	With Roof rack		1,685 mm (66.3 in)	←
Overall height (Except Europe)	Without Roof rack		1,685 mm (66.3 in)	←
	With Roof rack		1,690 mm (66.5 in)	←
Overall height (For China)	Without Roof rack		1,680 mm (66.1 in)	←
	With Roof rack		1,685 mm (66.3 in)	←
Tread	Front	235/65 R17	1,633 mm (64.2 in)	←
		235/60 R18	1,628 mm (64.0 in)	←
		235/55 R19	1,628 mm (64.0 in)	←
	Rear	235/65 R17	1,644 mm (64.7 in)	←
		235/60 R18	1,639 mm (64.5 in)	←
		235/55 R19	1,639 mm (64.5 in)	←
Wheelbase			2,780 mm (109.4 in)	←

ENGINE

Item	Gasoline Theta II 2.0 T-GDI	Gasoline Theta II 2.4	Gasoline Lambda II 3.3	Diesel R2.0	Diesel R2.2
Displacement cc (cu. in)	1,998 (121.92)	2,359 (143.95)	3,342 (203.94)	1,995 (121.74)	2,199 (134.19)
Bore x Stroke mm (in.)	86x86 (3.39x3.39)	88x97 (3.46X3.81)	92x83.8 (3.62X3.29)	84x90 (3.30X3.54)	85.4x96 (3.34X3.77)
Firing order	1-3-4-2	1-3-4-2	1-2-3-4-5-6	1-3-4-2	1-3-4-2
No. of cylinders	4. In-line	4. In-line	V - type	4. In-line	4. In-line

GROSS VEHICLE WEIGHT

kg (lbs.)

<table>
<tr><th colspan="3" rowspan="2">ITEM</th><th colspan="2">FOR EUROPE</th><th colspan="2">EXCEPT EUROPE</th><th colspan="2">FOR MIDDEL EAST</th><th colspan="2">FOR AUTRALIA</th><th colspan="2">FOR CHINA</th></tr>
<tr><th>5 Seater</th><th>7 Seater</th><th>5 Seater</th><th>7 Seater</th><th>5 Seater</th><th>7 Seater</th><th>5 Seater</th><th>7 Seater</th><th>5 Seater</th><th>7 Seater</th></tr>
<tr><td>Theta II 2.0</td><td>AT</td><td>AWD</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>2,510 (5,533)</td><td>2,530 (5,577)</td></tr>
<tr><td rowspan="4">Theta II 2.4</td><td rowspan="2">MT</td><td>FWD</td><td rowspan="4">2,510 (5,533)</td><td rowspan="3">2,510 (5,533)</td><td rowspan="4">2,510 (5,533)</td><td rowspan="4">2,510 (5,533)</td><td rowspan="4">2,510 (5,533)</td><td rowspan="4">2,510 (5,533)</td><td>-</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>AWD</td><td rowspan="3">2,510 (5,533)</td><td>2,540 (5,599)</td><td>-</td><td>-</td></tr>
<tr><td rowspan="2">AT</td><td>FWD</td><td>2,510 (5,533)</td><td rowspan="2">2,510 (5,533)</td><td>-</td></tr>
<tr><td>AWD</td><td>2,520 (5,555)</td><td>2,560 (5,643)</td><td>2,510 (5,533)</td></tr>
<tr><td rowspan="2">Lambda II 3.3</td><td rowspan="2">AT</td><td>FWD</td><td rowspan="2">2,510 (5,533)</td><td>2,510 (5,533)</td><td rowspan="2">2,510 (5,533)</td><td>2,510 (5,533)</td><td rowspan="2">2,510 (5,533)</td><td>2,510 (5,533)</td><td>2,510 (5,533)</td><td>2,510 (5,533)</td><td>-</td><td>-</td></tr>
<tr><td>AWD</td><td>2,560 (5,643)</td><td>2,540 (5,599)</td><td>2,540 (5,599)</td><td>-</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>R2.0</td><td>AT</td><td>AWD</td><td>2,510 (5,533)</td><td>2,620 (5,776)</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td rowspan="4">R2.2</td><td rowspan="2">MT</td><td>FWD</td><td rowspan="4">2,510 (5,533)</td><td>2,530 (5,577)</td><td rowspan="4">2,510 (5,533)</td><td>2,510 (5,533)</td><td rowspan="4">2,510 (5,533)</td><td>2,510 (5,533)</td><td>-</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>AWD</td><td>2,590 (5,709)</td><td>2,570 (5,665)</td><td>2,570 (5,665)</td><td>2,510 (5,533)</td><td>2,630 (5,798)</td><td>-</td><td>-</td></tr>
<tr><td rowspan="2">AT</td><td>FWD</td><td>2,560 (5,643)</td><td>2,540 (5,599)</td><td>2,540 (5,599)</td><td>-</td><td>-</td><td rowspan="2">2,510 (5,533)</td><td>2,540 (5,599)</td></tr>
<tr><td>AWD</td><td>2,620 (5,776)</td><td>2,600 (5,732)</td><td>2,600 (5,732)</td><td>2,510 (5,533)</td><td>2,660 (5,864)</td><td>2,590 (5,709)</td></tr>
</table>

LUGGAGE VOLUME

ITEM		5 Seater	7 Seater
VDA	MIN.	660L (23.3 cu ft)	605L (21.3 cu ft)
	MAX.	1,732L (61.1 cu ft)	1,662L (58.6 cu ft)

Min : Behind rear seat to upper edge of the seat back.
Max : Behind front seat to roof.

AIR CONDITIONING SYSTEM

ITEM		Weight of volume	Classification
Refrigerant	FRONT A/CON	700 ± 25g	R134a
	FRONT + REAR A/CON	850 ± 25g	
	FRONT A/CON	650 ± 25g	R1234yf
	FRONT + REAR A/CON	800 ± 25g	
Compressor lubricant	FRONT A/CON	120 ± 10g	PAG OIL (PAG30)
	FRONT + REAR A/CON	180 ± 10g	

We recommend that you contact an authorized Kia dealer for more details.

BULB WATTAGE

Light Bulb			Wattage (W)	Bulb type
Front	Headlamps (Low)		55	H7SPL
	Headlamps (Low) - HID type*		35	D3S
	Headlamps (High)		65	H9
	Front turn signal lamps		21	PY21W
	Front position lamps	Bulb type	-	-
		LED type	LED	LED
	Daytime running light*		LED	LED
	Cornering lamps*		27	#881
	Front fog lamps	Bulb type	35	H8L
		LED type	LED	LED
	Side Repeater lamps	Bulb type	5	WY5W
		LED type	LED	LED
Rear	Rear Stop/Tail lamps (outside)	Bulb type	21/5	P21/5
	Rear tail lamps (Inside)		5	P21/5
	Rear fog lamps (BUMPER)		21	P21W
	Rear Stop/Tail lamps (outside)	LED type	LED	LED
	Rear tail lamps (Inside)		LED	LED
	Rear fog lamps (BUMPER)		21	P21W
	Rear turn signal lamps		21	PY21W
	Back-up lamps		16	W16W
	High mounted stop lamp		LED	LED
	License plate lamps		5	W5W
Interior	Map lamps		10 (LED*)	FESTOON (LED*)
	Room lamps		10 (LED*)	FESTOON (LED*)
	Vanity mirror lamps		LED*	LED*
	Glove box lamp		5	FESTOON
	Luggage room lamp		5	FESTOON

* If equipped

TIRES AND WHEELS (FOR EUROPE)

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		Maximum load		
				LI *1	Kg	SS *2	Km/h	Front	Rear	Front	Rear	
Full size tire	235/65R17	7.0JX17	Kumho	104	900	V	240	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	9~11 (65~79, 88~107)
			Nexen			H	210					
	235/60R18	7.5JX18	Hankook	103	875	V	240	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	
			Nexen			H	210					
	235/55R19	7.5JX19	Hankook	101	825	V	240	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	
			Kumho									

*1 : Load Index

*2 : Speed Symbol

✻ 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.

TIRES AND WHEELS (EXCEPT EUROPE)

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		Maximum load		
				LI *1	Kg	SS *2	Km/h	Front	Rear	Front	Rear	
Full size tire	235/65R17	7.0JX17	Kumho	104	900	H	210	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	9~11 (65~79, 88~107)
			Nexen									
	235/60R18	7.5JX18	Hankook	103	875	V	240	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	
			Nexen			H	210					
	235/55R19	7.5JX19	Hankook	101	825	V	240	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	2.35 (34, 235)	
			Kumho			H	210					
Compact spare tire	T165/90R17	4.0TX17	Kumho	116	1250	M	130	4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	

*1 : Load Index

*2 : Speed Symbol

✻ 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) Recommends 	Gasoline Engine	Theta II 2.4 MPI	4.8 *l* (5.07 US qt.)	API Service SM or above/ILSAC GF-4 or above/ ACEA A5 or above *4
		Theta II 2.4 GDI/ Theta II 2.0 T-GDI	4.8 *l* (5.07 US qt.)	ACEA A5 or above *5
		Lambda II 3.3	5.7 *l* (6.02 US qt.)	API Service SM or above/ILSAC GF-4 or above/ ACEA A5 or above *4
	Diesel Engine	R2.0/R2.2 with DPF *3	6.3 *l* (6.66 US qt.)	ACEA C3 or C2
		R2.0/R2.2 without DPF *3	6.3 *l* (6.66 US qt.)	ACEA B4
Engine oil consumption	Normal driving condition		MAX. 1L /1,500 km	-
	Severe driving condition		MAX. 1L/1,000 km	-
Manual transaxle fluid	Gasoline Engine		1.8 *l* ~ 1.9 *l* (1.90 ~ 2.00 US qt.)	SAE 70W, API GL-4 (Recommended SK HK MTF 70W, SHELL SPIRAX S6 GHME 70W, GS CALTEX GS MTF HD 70W
	Diesel Engine			

Lubricant			Volume	Classification
Automatic transaxle fluid	Gasoline Engine	Theta II 2.0 T-GDI	7.8 *l* (8.24 US qt.)	ATF SP-IV (Recommended SK, MICHANG)
		Theta II 2.4	7.1 *l* (7.50 US qt.)	
		Lambda II 3.3	7.8 *l* (8.24 US qt.)	
	Diesel Engine	R2.0	7.8 *l* (8.24 US qt.)	
		R2.2	7.7 *l* (8.13 US qt.)	
Coolant	Gasoline Engine	Theta II 2.0 T-GDI	7.3 *l* (7.71 US qt.)	Mixture of antifreeze and distilled water (Ethylene glycol base coolant for aluminum radiator)
		Theta II 2.4 MPI	MT : 7.0 *l* (7.39 US qt.) AT : 7.7 *l* (8.14 US qt.)	
		Theta II 2.4 GDI	MT : 7.1 *l* (7.50 US qt.) AT : 8.0 *l* (8.45 US qt.)	
		Lambda II 3.3	9.5 *l* (10.04 US qt.)	
	Diesel Engine	R2.0/R2.2 MT	Euro 2/3 : 8.3 *l* (8.77 US qt.) Euro 4/5/6 : 8.6 ~ 9.1 *l* (9.08 ~ 9.61 US qt.)	
		R2.0/R2.2 AT	Euro 2/3 : 8.4 *l* (8.87 US qt.) Euro 4/5/6 : 8.7 ~ 9.8 *l* (9.19 ~ 9.40 US qt.)	
Brake / Clutch fluid			0.41~0.45 *l* (0.445~0.485 US qt.)	FMVSS135 DOT-3 or DOT-4

Lubricant			Volume	Classification
Rear differential oil (AWD)			0.53 ~ 0.63 *l* (0.56 ~ 67 US qt.)	HYPOID GEAR OIL API GL-5, SAE 75W/90 (Recommended: SHELL HD AXLE OIL 75W90 or equivalent)
Transfer case oil (AWD)	Gasoline Engine	Theta II 2.0 T-GDI/ Theta II 2.4	0.34 ~ 0.36 *l* (0.36 ~ 0.38 US qt.)	HYPOID GEAR OIL API GL-5, SAE 75W/90 (Recommended: SHELL HD AXLE OIL 75W90 or equivalent)
		Lambda II 3.3	0.67 ~ 0.73 *l* (0.70 ~ 0.77 US qt.)	
	Diesel Engine	R2.0/R2.2	0.34 ~ 0.36 *l* (0.36 ~ 0.38 US qt.)	
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 : Diesel Particulate Filter

*4 : If the API service SM, ILSAC GF-4, ACEA A5 engine oil is not available in your country, you are able to use API service SL, ILSAC GF-3, ACEA A3.

*5 : 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.

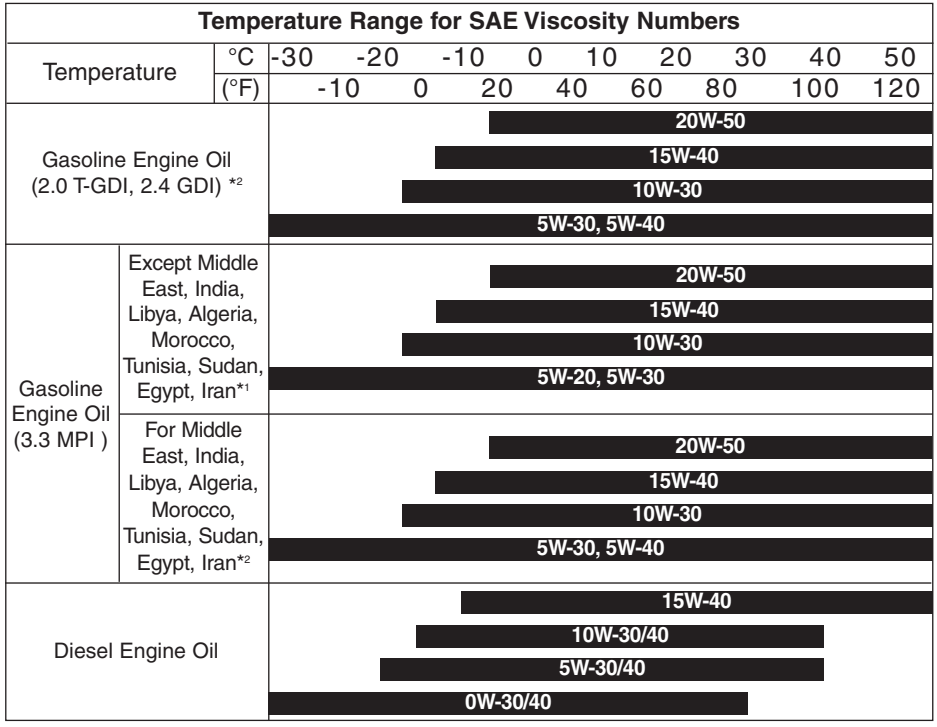
Temperature Range for SAE Viscosity Numbers

Temperature		°C	-30	-20	-10	0	10	20	30	40	50
		(°F)	-10	0	20	40	60	80		100	120
Gasoline Engine Oil (2.4L MPI)	Except Middle East, Libya, Brazil (Central and South America)*1										
					20W-50						
						15W-40					
							10W-30				
			5W-20, 5W-30								
	For Middle East, Libya, Brazil (Central and South America)*2										
					20W-50						
						15W-40					
							10W-30				
			5W-30, 5W-40								

*1 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-20 (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.

*2 : 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.

Temperature Range for SAE Viscosity Numbers

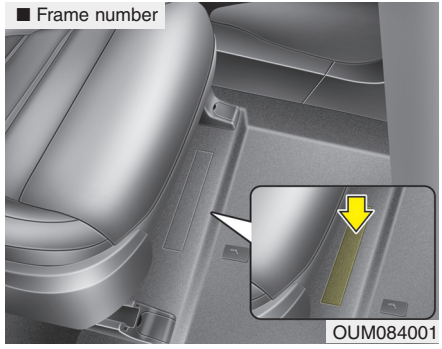


*1 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-20 (API SM / ILSAC GF-4 / ACEA A5). However, if the engine oil is not available in your country, select the proper engine oil using the engine oil viscosity chart.

*2 : 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)

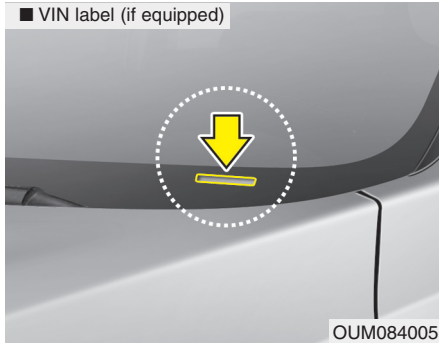
■ Frame number



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

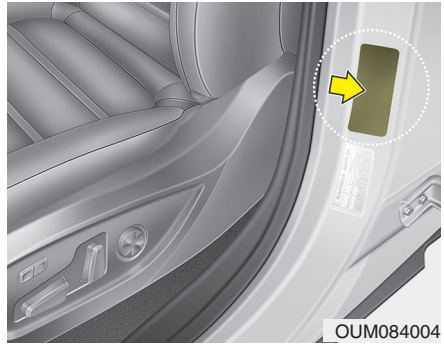
The number is punched on the floor under the passenger seat. To check the number, open the cover.

■ VIN label (if equipped)



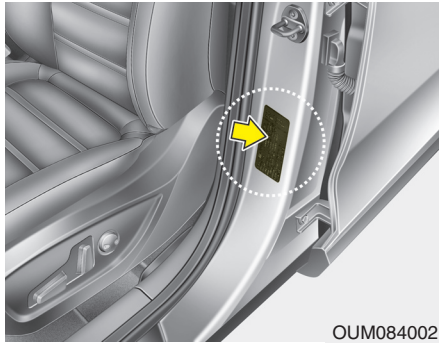
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

VEHICLE CERTIFICATION LABEL



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

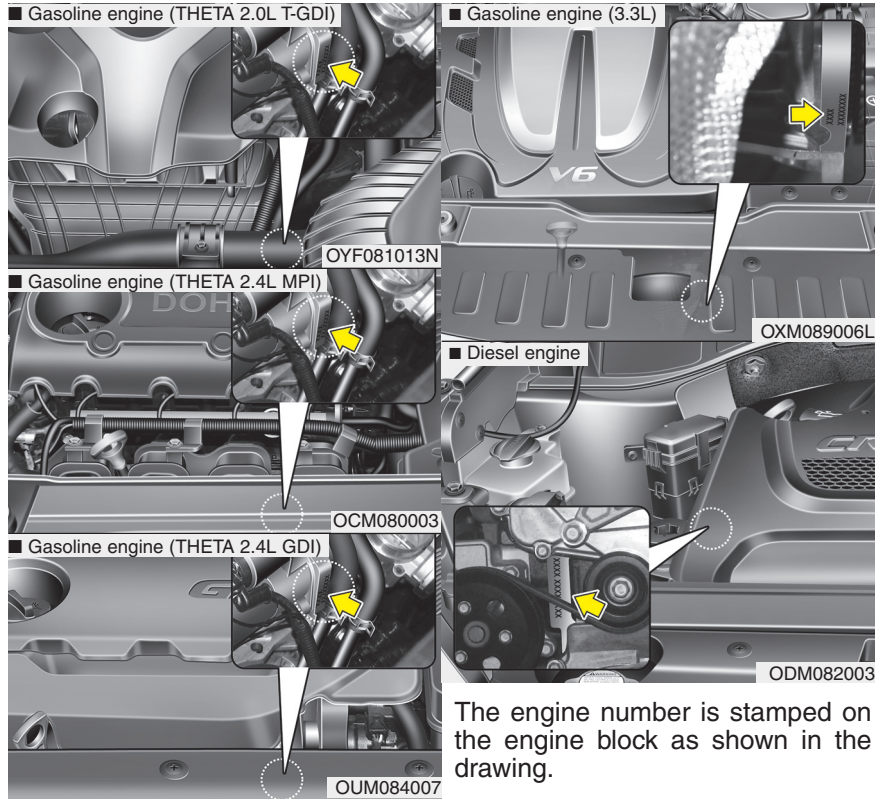
TIRE SPECIFICATION AND PRESSURE LABEL



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

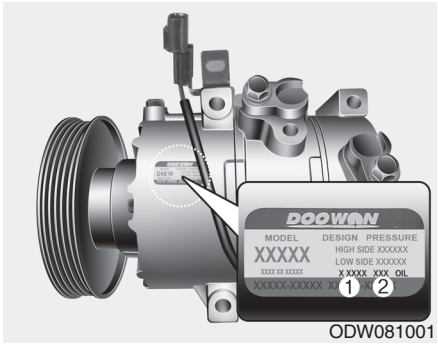
The tire label located on the driver's side center pillar gives the tire pressures recommended for your vehicle.

ENGINE NUMBER



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

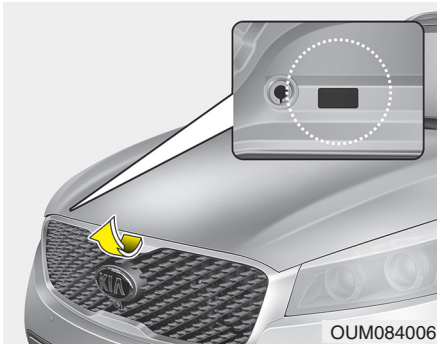
AIR CONDITIONER COMPRESSOR LABEL



ODW081001

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


OUM084006

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