Specifications & Consumer information

Dimensions 9-2
Engine 9-3
Gross vehicle weight 9-4
Air conditioning system 9-5
Luggage volume 9-5
Bulb wattage 9-6
Tires and wheels 9-7
Recommended lubricants and capacities 9-8
• Recommended sae viscosity number 9-11
Vehicle certification label. 9-12
Vehicle identification number (VIN) 9-12
Engine number 9-13
Tire specification and pressure label 9-13
Declaration of conformity 9-14
Refrigerant label. 9-14
Air conditioner compressor label 9-14

DIMENSIONS

Item			Europe		Except Europe
			Western Europe	Except western europe	
Overall length			4,480mm	4,480mm	4,480mm
Overall width			1,855mm	1,855mm	1,855mm
Overall height	Without Roof rack		1,635mm	1,645mm	1,645mm
	With Roof rack		1,645mm	1,655mm	1,655mm
Tread	Front	215/70R16	1,625mm		
		225/60R17	1,613mm		
		245/45R19	1,609mm		
	Rear	215/70R16	1,636mm		
		225/60R17	1,625mm		
		245/45R19	1,620mm		
Wheelbase			2,670mm		

ENGINE

Item	Gasoline				Diesel	
	1.6 GDI	1.6 T-GDI	2.0 MPI	2.4 GDI	1.7 TCI	2.0 TCI
Displacement [cc]	1591	1591	1999	2359	1685	1995
Bore x Stroke [mm]	77.0x85.44	77.0x85.44	77.0x85.44	88.0x97.0	77.2x90.0	84.0x90.0
Firing order	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2
No. of cylinders	4 In-line, DOHC	4 In-line, DOHC	4 In-line, DOHC	4 In-line, DOHC	4 In-line, DOHC	4 In-line, DOHC

GROSS VEHICLE WEIGHT

For except Europe

Item	Gasoline							Diesel			
	1.6 GDI	1.6 T-GDI	2.0 MPI				2.4 GDI	1.7 TCI	2.0 TCI		
	2WD	AWD	2WD		AWD		AWD	2WD	2WD		AWD
	A/T	DCT	M/T	A/T	M/T	A/T	A/T	M/T	M/T	A/T	A/T
GVW (lbs)	2,020 kg (4453)	2,120 kg (4673)	2,020 kg (4453)	2,040 kg (4497)	2,080 kg (4585)	2,070 kg (4563)	2,140 kg (4717)	2,030 kg (4475)	2,140 kg (4717)	2,170 kg (4784)	2,220 kg (4894)

For Europe

Item	Gasoline								
	1.6 GDI		1.6 T-GDI			2.0 MPI			
	2WD		2WD	AWD		2WD		AWD	
	M/T	A/T	M/T	M/T	DCT	M/T	A/T	M/T	A/T
GVW (lbs)	1,895 kg (4177)	2,050 kg (4519)	2,120 kg (4673)	2,170 kg (4784)	2,190 kg (4828)	2,050 kg (4519)	2,060 kg (4541)	2,110 kg (4651)	2,130 kg (4695)

Item	Diesel Engine				
	1.7 TCI		2.0 TCI		
	2WD		2WD	AWD	
	DCT	M/T	M/T	M/T	A/T
GVW (lbs)	2085kg (4597 lbs)	2,000kg (4409)	2,235 kg (4927)	2,250 kg (4960)	2,250 kg (4960)

LUGGAGE VOLUME

Item		Volume
VDA	MIN.	503(TMK)/491(Temp)/466(Full)
	MAX.	1492(TMK)/1480(Temp)/1455(Full)

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	600±25	1234yf
	600±25	R-134a
Compressor lubricant	100±10	PAG (FD46XG)

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

BULB WATTAGE

Light Bulb			Wattage (W)	Bulb type
Front	Headlamps (Low)		60	HB3
	Headlamps (Low) - HID type*		35	D3S
	Headlamps (High)		60	HB3
	Front turn signal lamps		21	PY21W
	Front position lamps	Bulb type	5	P21/5W
		LED type	LED	LED
	Daytime running light	Bulb type	21	P21/5W
		LED type	LED	LED
	Front fog lamps	Bulb type	51	HB4
	Side Repeater lamps	Bulb type	5	WY5W
Rear	Rear Stop/Tail lamps (outside)	Bulb type	21/5	P21/5W
	Rear tail lamps (Inside)		5	P21/5W
	Rear fog lamps (Inside)		21	P21W
	Rear Stop/Tail lamps (outside)	LED type	LED	LED
	Rear tail lamps (Inside)		LED	LED
	Rear fog lamps (Inside)	Bulb type	21	P21W
	Rear turn signal lamps		21	PY21W
	Back-up lamps		21	P21W
	High mounted stop lamp*		LED	LED
	License plate lamps		5	W5W
Interior	Map lamps		10(LED)	W10W(LED)
	Room lamps		10	FESTOON
	Vanity mirror lamps		5	FESTOON
	Tailgate lamp		10(LED)	FESTOON(LED)

* If equipped

TIRES AND WHEELS

Item	Tire size	Wheel size	Load Capacity		Speed capacity		Inflation pressure [bar(psi, kPa)]					Wheel lug nut torque Kgf·m (lbf·ft, N·m)
							Normal load		Maximum load			
										Rear		
			LI *1	Kg	SS *2	Km/h	Front	Rear	Front	For Middle East	Except Middle East	
Full size tire	215/70R16	6.5JX16	100	800	H	210	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.75 (40, 275)	11~13 (79~94, 107~127)
	225/60R17	7.0JX17	99	775	H	210	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.75 (40, 275)	
	225/60R17	7.0JX17	99	775	V	240	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.75 (40, 275)	
	245/45R19	7.5JX19	98	750	W	270	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.4 (35, 240)	2.75 (40, 275)	

*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 *2 (drain and refill) Recommends TOTAL QUARTZ	Gasoline Engine	1.6 GDI	3.6 L	Australia, Africa, General Export, Russia, Asia-Pacific ACEA A5 or above / 5W-40 (C) *1
				Middle East, India, Libia, Algeria, Morocco, Tunisia, Sudan, Egypt, Iran ACEA A5 or above / 5W-30 (C) *1
				Europe ACEA A5 or above / 5W-30 (C) *1
		1.6 T-GDI	4.5 L	Australia, Africa, General Export, Russia, Asia-Pacific ACEA A5 or above / 5W-40 (C) *1
				Middle East, India, Libia, Algeria, Morocco, Tunisia, Sudan, Egypt, Iran ACEA A5 or above / 5W-40 (C) *1
				Europe ACEA A5 or above / 5W-30 (C) *1
		2.0 MPI	4.0 L	Australia, Africa, General Export, Russia, Asia-Pacific API SM, ILSAC GF-4 or above / 5W-20 (B) *1 ACEA A5 or above / 5W-30 (B) *1
				Middle East, India, Libia, Algeria, Morocco, Tunisia, Sudan, Egypt, Iran ACEA A5 or above / 5W-30 (C) *1
				Europe API SM, ILSAC GF-4 or above / 5W-20 (D) *1 ACEA A5 or above / 5W-30 (D) *1
		2.4 GDI	4.8 L	ACEA A5 or above (C) *1
	Diesel Engine	1.7 TCI	5.3 L	ACEA C2 or C3
		2.0 TCI	7.6 L	With DPF *3 : ACEA C2 or C3 Without DPF *3 : ACEA B4

Lubricant			Volume	Classification
Manual transaxle fluid	Gasoline Engine	1.6 GDI	1.6 ~ 1.7 L	- SAE 70W, API GL-4 (Recommended SK HK MTF 70W, SHELL SPIRAX S6 GHME 70W MTF, GS CALTEX GS MTF HD 70W)
		1.6 T-GDI	2WD: 1.7 ~ 1.8 L, AWD: 1.6 ~ 1.7 L	
		2.0 MPI	2WD: 1.7 ~ 1.8 L, AWD: 1.6 ~ 1.7 L	
	Diesel Engine	1.7 TCI	1.7 ~ 1.8 L	
		2.0 TCI	1.8 ~ 1.9 L	
Automatic transaxle fluid	Gasoline Engine	1.6 GDI	6.7 L	- ATF SP-IV (Recommended SK, MICHANG)
		2.0 MPI	2WD: 7.3 L, AWD: 7.1 L	
		2.4 GDI	6.7 L	
	Diesel Engine	2.0 TCI	7.0 L	
Dual clutch transaxle fluid		1.6 T-GDI	1.9 ~ 2.0 L	- SAE 70W, API GL-4 (Recommended SK HK DCTF 70W, SHELL SPIRAX S6 GHME 70W DCTF, GS CALTEX GS DCTF HD 70W)
Coolant	Gasoline Engine	1.6 GDI	AT : 7.3 L MT : 7.5 L	Mixture of antifreeze and distilled water (Ethylene glycol base coolant for aluminum radiator)
		1.6 T-GDI	7.3 L	
		2.0 MPI	AT : 6.9 L MT : 7.1 L	
		2.4 GDI	7.1 L	
	Diesel Engine	1.7 TCI	7.5 L	
		2.0 TCI	AT : 8.5 L MT : 8.7 L	

Lubricant			Volume	Classification
Brake / Clutch fluid			370±20cc	FMVSS116 DOT 3 or DOT 4
Rear differential oil (AWD)			0.58 ± 0.05 L (0.61 ± 0.05 US qt)	Hypoid gear GL-5 OIL 75W/90 (SHELL HD AXLE OIL 75W/90 or equivalent)
Transfer case oil (AWD)	Gasoline Engine	1.6 T-GDI	0.5 L ± 0.025 L (0.53 ± 0.026 US qt)	Hypoid gear GL-5 OIL 75W/90 (SHELL HD AXLE OIL 75W/90 or equivalent)
		2.0 MPI	0.35 ± 0.017 L (0.36 ± 0.018 US qt)	
		2.4 GDI		
	Diesel Engine	2.0 TCI		
Fuel	Gasoline Engine		62 L	Refer to Fuel requirements in section 1
	Diesel Engine			

*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

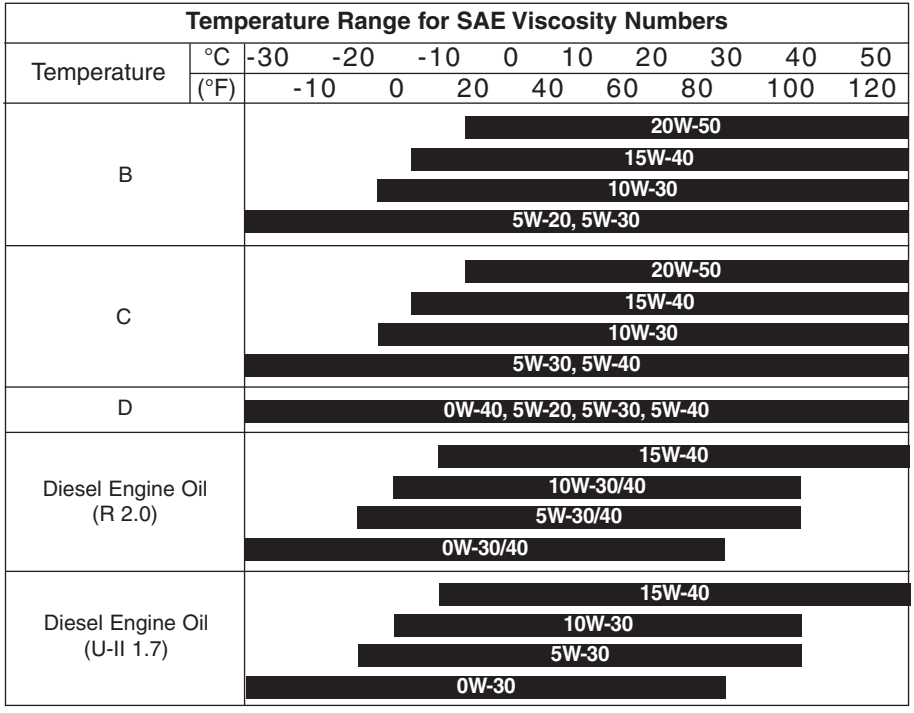
Recommended SAE viscosity number

⚠ 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.

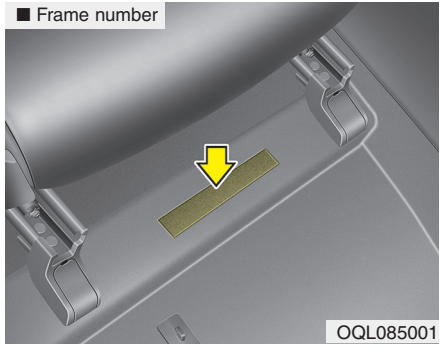
Engine oil viscosity (thickness) has an effect on fuel economy and cold weather operating (engine start and engine oil flowability). Lower viscosity engine oils can provide better fuel economy and cold weather performance, however, higher viscosity engine oils are required for satisfactory lubrication 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.



VEHICLE IDENTIFICATION NUMBER (VIN)

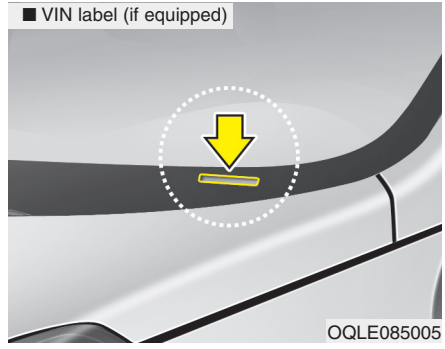
■ Frame number



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

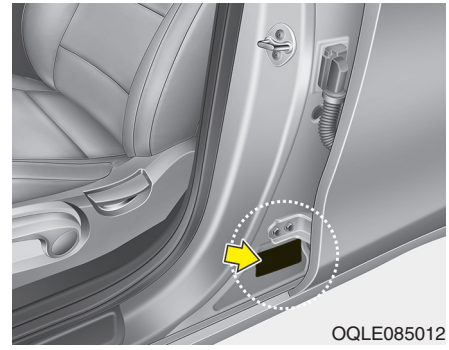
The number is punched on the floor under the passenger seat. To check the number, open the cover.

■ VIN label (if equipped)



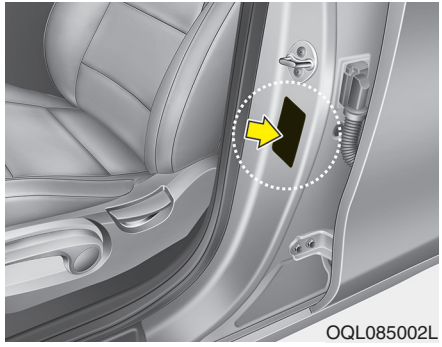
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

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).

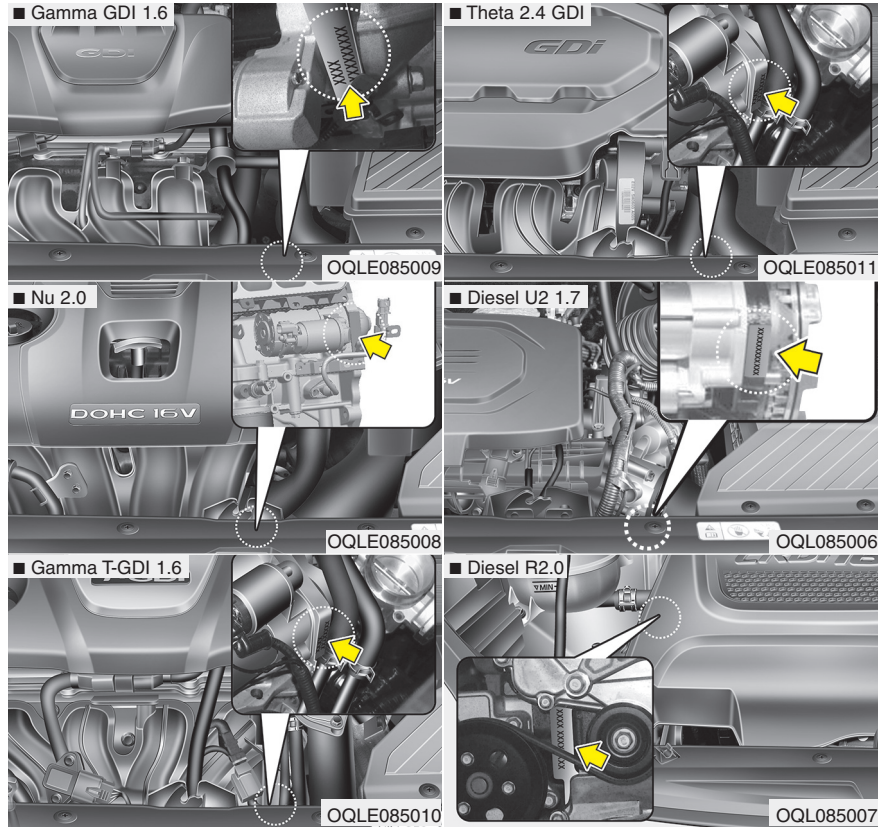
TIRE SPECIFICATION AND PRESSURE LABEL



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

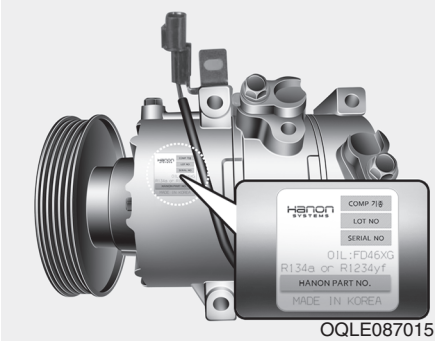
The tire label located on the driver's side center pillar gives the tire pressures recommended for your vehicle.

ENGINE NUMBER



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

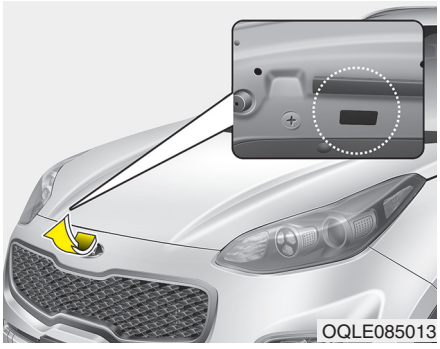
AIR CONDITIONER COMPRESSOR LABEL



OQLE087015

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



OQLE085013

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

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