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ENGINE

Item	Gasoline 1.0	Gasoline 1.2	Gasoline 1.4	Diesel 1.4
Displacement [cc(cu.in)]	998 (60.9)	1,248 (76.2)	1,368 (83.48)	1,396 (85.12)
Bore x Stroke [mm(in)]	71 x 84 (2.8 x 3.3)	71 x 78.8 (2.80 x 3.10)	72 x 84 (2.83 x 3.30)	75 x 79 (2.95 x 3.11)
Firing order	1-2-3	1-3-4-2	1-3-4-2	1-3-4-2
No. of cylinders	3	4, In-line	4, In-line	4, In-line

DIMENSIONS

Item		mm (in)
Overall length		4,065 (160.0)
Overall width		1,725 (67.9)
Overall height	For Europe	1,450 (57.1)
		1,445 (56.9) (1.4D Eco pack)
	Except Europe	1,460 (57.5)
Front tread	185/65R15	1,518 (59.8)
	195/55R16	1,512 (59.5)
	205/45R17	1,512 (59.5)
Rear tread	185/65R15	1,524 (60.0)
	195/55R16	1,518 (59.8)
	205/45R17	1,518 (59.8)
Wheelbase		2,580 (101.6)

BULB WATTAGE

Light Bulb				Wattage	Bulb type
Front	Head lamp	Low	Standard	55W	H4LL
			Option *	60W	9005 HL+
		High	Standard	55W	H4LL
			Option *	60W	9005 HL+
	Static bending light *			55W	H7LL
	Daytime running light *			21W or LED	P21WLL or LED
	Position lamp			55W or LED	W5W LL or LED
	Turn signal lamp			21W	PY21W LL
	Front fog lamp *			51W	HB4
Rear	Tail lamp		Inside	5W or LED	W5W LL or LED
			Outside	5W or LED	P21/5W LL or LED
	Stop lamp		Inside	LED	LED
			Outside	21W or LED	P21/5W LL or LED
	Turn signal lamp			21W	PY21W LL
	Back up lamp			16W	W16W
	Rear fog light *			21W or LED	P21W LL or LED
	High mounted stop lamp			5W X 4EA	W5W LL
	License plate lamp			5W X 2EA	W5W LL
Interior	Map lamps *			10W X 2EA	W10W
	Room lamp			8W	FESTON
	Luggage lamp			8W	FESTON
	Glove box LAMP			8W	FESTON
	Vanity mirror lamps *			5W	FESTON

* If equipped

TIRES AND WHEELS

For Europe

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		
			LI *1	Kg	SS *2	Km/h	Front	Rear	Front	Rear	
Full size tire	185/65R15	6.0J X 15	88	560	H	210	2.35 (34, 235)	2.15 (31, 215)	2.4 (35, 240)	2.5 (36, 250)	11 ~ 13 (79 ~ 94, 107 ~ 127)
							2.5 (36, 250) (F/C Pack)	2.3 (33, 230) (F/C Pack)	2.5 (36, 250) (F/C Pack)	2.5 (36, 250) (F/C Pack)	
							2.6 (38, 260) (Eco pack)	2.6 (38, 260) (Eco pack)	2.6 (38, 260) (Eco pack)	2.6 (38, 260) (Eco pack)	
	195/55R16	6.0J X 16	87	545	H	210	2.3 (34, 235)	2.1 (31, 215)	2.4 (35, 240)	2.6 (37, 260)	
	205/45R17	6.5J X 17	88	560	V	240	2.3 (34, 235)	2.1 (31, 215)	2.4 (35, 240)	2.6 (37, 260)	
Compact spare tire	T125/80D15	3.5J x 15	95	690	M	130	4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	

*1 : Load Index

*2 : Speed Symbol

Except Europe

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		
			LI *1	Kg	SS *2	Km/h	Front	Rear	Front	Rear	
Full size tire	185/65R15	6.0J X 15	88	560	H	210	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	11 ~ 13 (79 ~ 94, 107 ~ 127)
	195/55R16	6.0J X 16	87	545	H	210	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	
	205/45R17	6.5J X 17	88	560	V	240	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	
Compact spare tire	T125/80D15	3.5J x 15	95	690	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.

WEIGHT/VOLUME

Item			Gasoline 1.0		Gasoline 1.2	Gasoline 1.4		Diesel 1.4
			5MT	6MT	5M/T	6M/T	4A/T	6M/T
Gross vehicle weight kg (lbs.)	For Europe		1,600 (3,527)	1,620 (3,571)	1560 (3439)	1,580 (3,483)	1,600 (3,527)	1,680 (3,704)
	Except Europe		-	-	1,550 (3,417)	1570 (3461)	1600 (3527)	-
Luggage volume *l* (cu ft)	For Europe	MIN	325 (11.5)					
		MAX	980 (34.6)					
	Except Europe	MIN	300 (10.6)					
		MAX	955 (33.7)					

AIR CONDITIONING SYSTEM

ITEM	Weight of volume	Classification
Refrigerant	450 ± 25g	R-1234yf
		R-134a
Compressor lubricant	120 ± 10cc	PAG 30

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

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.

<table>
<tr><th colspan="4">Lubricant</th><th>Volume</th><th>Classification</th></tr>
<tr><td rowspan="7">Engine oil *1 *2
(drain and refill)

Recommends
</td><td rowspan="6">Gasoline Engine</td><td colspan="2">1.0L</td><td>3.6 l (3.8 US qt.)</td><td>ACEA A5/B5</td></tr>
<tr><td colspan="2" rowspan="2">1.2L</td><td rowspan="2">3.5 l (3.7 US qt.)</td><td>API service SM, ILSAC GF4 or above, ACEA A5/B5 *4</td></tr>
<tr><td>API SN, ACEA C2 *5</td></tr>
<tr><td colspan="2" rowspan="2">1.4L</td><td rowspan="2">3.6 l (3.8 US qt.)</td><td>API service SM, ILSAC GF4 or above, ACEA A5/B5 *4</td></tr>
<tr><td>API SN, ACEA C2 *5</td></tr>
<tr><td rowspan="2">Diesel Engine</td><td rowspan="2">1.4L</td><td>with DPF *3</td><td>5.3 l (5.6 US qt.)</td><td>ACEA C2 or C3</td></tr>
<tr><td>Without DPF *3</td><td>5.3 l (5.6 US qt.)</td><td>ACEA C3 or C2 or A3/B4</td></tr>
<tr><td rowspan="3">Manual transaxle fluid</td><td colspan="2" rowspan="2">Gasoline Engine</td><td>1.2L</td><td>1.5 ~ 1.6 l
(1.4 ~ 1.5 US qt.)</td><td rowspan="3">API Service GL-4 SAE 70W
- HK SYN MTF 70W
- SPIRAX S6 GHME 70W MTF
- GS MTF HD 70W</td></tr>
<tr><td>1.0L/1.4L</td><td>1.6 ~ 1.7 l
(1.5 ~ 1.6 US qt.)</td></tr>
<tr><td colspan="2">Diesel Engine</td><td>1.4L</td><td>1.7 ~ 1.8 l
(1.6 ~ 1.7 US qt.)</td></tr>
<tr><td>Automatic transaxle fluid</td><td colspan="2">Gasoline Engine</td><td>1.4L</td><td>6.8 l (7.2 US qt.)</td><td>ATF SP-III (Recommended DIAMOND, SK)</td></tr>
</table>

Lubricant				Volume	Classification
Coolant	Gasoline Engine	1.0L		5.5 *l* (5.8 US qt.)	Mixture of antifreeze and water (Ethylene glycol base coolant for aluminum radiator)
		1.2L		5.1 *l* (5.4 US qt.)	
		1.4L	MT	5.1 *l* (5.4 US qt.)	
			AT	5.5 *l* (5.8 US qt.)	
	Diesel Engine	1.4L		6.4 *l* (6.8 US qt.)	
Brake / clutch fluid				0.7 ~ 0.8 *l* (0.7 ~ 0.8 US qt.)	FMVSS116 DOT-3 or DOT-4
Fuel				45 *l* (11.9 US gal.)	-

*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 : FOR INDIA, MIDDLE EAST, IRAN, LIBIA, ALGERIA, SUDAN, MOROCCO, TUNISIA, EGYPT, CENTRAL&SOUTH AMERICA

*5 : EXCEPT INDIA, MIDDLE EAST, IRAN, LIBIA, ALGERIA, SUDAN, MOROCCO, TUNISIA, EGYPT, CENTRAL&SOUTH AMERICA

Recommended SAE viscosity number

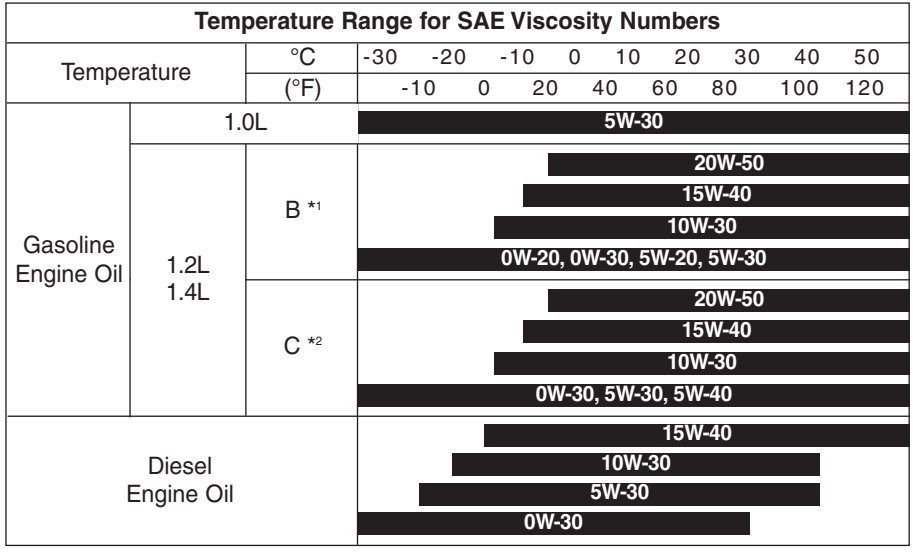
⚠ CAUTION

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

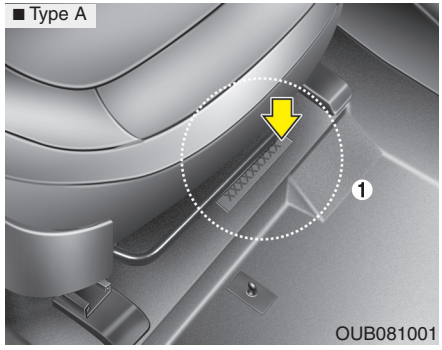


*1 : For EUROPE, AUSTRALIA, CENTRAL & SOUTH AMERICA, CHINA
For Fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 0W-20(API SN, ACEA C2). However, if the engine oil is not available in your country, select the proper engine oil using the engine oil viscosity chart.

*2 : For INDIA, MIDDLE EAST, IRAN, LIBIA, ALGERIA, SUDAN, MOROCCO, TUNISIA, EGYPT
For Fuel economy, it is recommended to use the engine oil of viscosity grade SAE 5W-30(API service SM, ILSAC GF4 or above, ACEA A5/B5). 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)

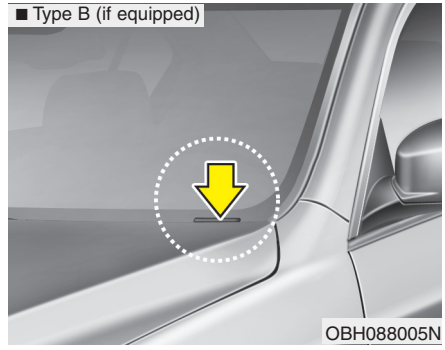
■ Type A



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 floor under the passenger seat. To check the number, remove the cover (1).

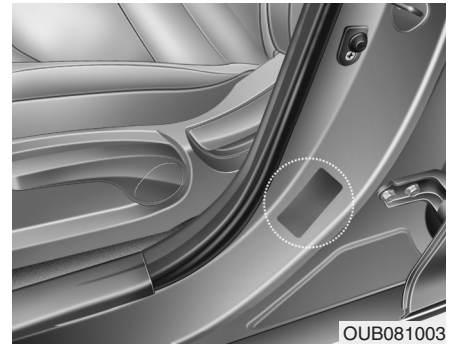
■ Type B (if equipped)



VIN label

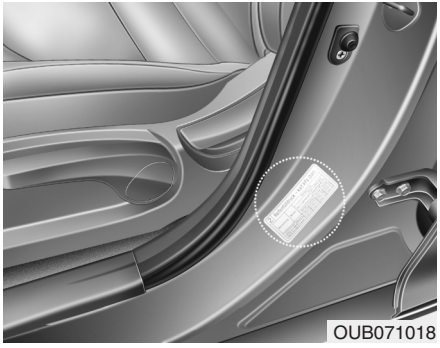
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

VEHICLE CERTIFICATION LABEL (IF EQUIPPED)



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

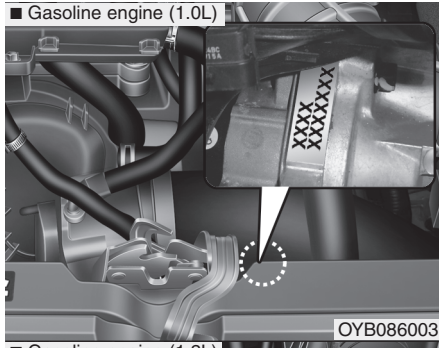

OUB071018

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

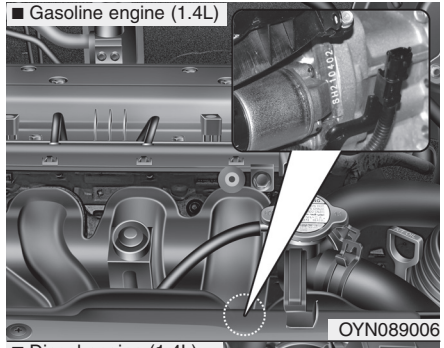
The tire label located on the driver's side center pillar gives the tire pressures recommended for your car.

ENGINE NUMBER

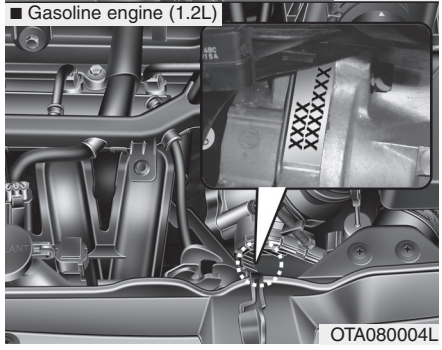
■ Gasoline engine (1.0L)


OYB086003

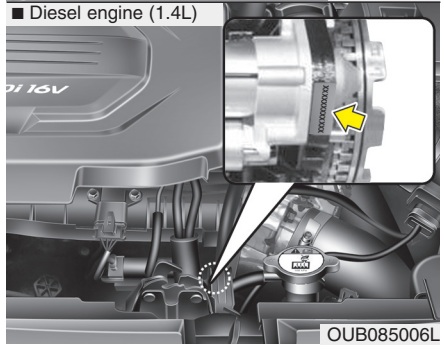
■ Gasoline engine (1.4L)


OYN089006

■ Gasoline engine (1.2L)

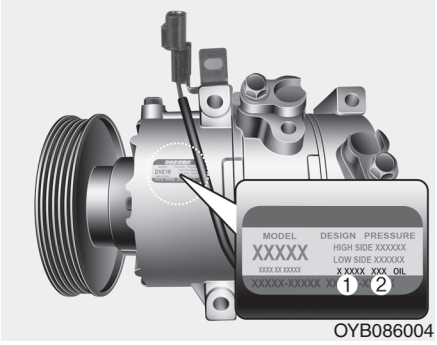

OTA080004L

■ Diesel engine (1.4L)


OUB085006L

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

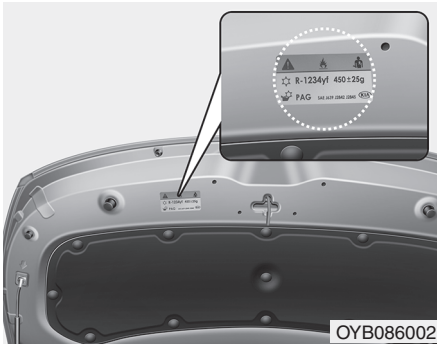
AIR CONDITIONER COMPRESSOR LABEL



OYB086004

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



OYB086002

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