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DIMENSIONS

Item	mm (in)		
Overall length	4,140 (162.9)		
Overall width	1,800 (70.9)		
Overall height	For Europe and China		1,593 (62.7) *1
			1,605 (63.2) *2
	For Russia and Mexico		1,603 (63.1) *1
			1,615 (63.6) *2
	For Brazil		1,610 (63.4) *1
			1,622 (63.9) *2
	Except Europe, China, Russia, Mexico and Brazil		1,600 (62.9) *1
			1,612 (63.5) *2
Front tread	Except Russia, Mexico and Brazil	205/60R16	1,576 (62.1)
		215/55R17	1,568 (61.7)
		235/45R18	1,560 (61.4)
	For Russia, Mexico and Brazil	205/60R16	1,574 (62.0)
		215/55R17	1,566 (61.7)
		235/45R18	1,588 (61.4)
Rear tread	205/60R16		1,588 (62.5)
	215/55R17		1,580 (62.2)
	235/45R18		1,573 (61.9)
Wheelbase	2,570 (101.2)		

*1 without roof rack
*2 with roof rack

ENGINE

Item	Gasoline 1.6	Gasoline 2.0	Diesel 1.6
Displacement cc (cu. in)	1591 (97.08)	1999 (121.9)	1582 (96.53)
Bore x Stroke mm (in.)	77x85.4 (3.03x3.36)	81x97.0 (3.18x3.81)	77.2x84.5 (3.03x3.32)
Firing order	1-3-4-2	1-3-4-2	1-3-4-2
No. of cylinders	4, In-line	4, In-line	4, In-line

GROSS VEHICLE WEIGHT

Europe

Item		Gasoline 1.6	Gasoline 2.0	Diesel 1.6
Gross vehicle weight kg (lbs.)	M/T	1,800 (3,968)	1,840 (4,057)	1,920 (4,233)
	A/T	1,850 (4,079)	1,860 (4,100)	1,940 (4,277)
	DCT	-	-	1,940 (4,277)

Except Europe and China

Item		Gasoline 1.6	Gasoline 2.0	Diesel 1.6
Gross vehicle weight kg (lbs.)	M/T	1,740 (3,836)	1,770 (3,902)	1,840 (4,057)
	A/T	1,820 (4,012)	1,840 (4,057)	1,910 (4,210)
	DCT	-	-	1,940 (4,277)

China

Item		Gasoline 1.6	Gasoline 2.0
Gross vehicle weight kg (lbs.)	A/T	1,820 (4,012)	1,840 (4,056)

LUGGAGE VOLUME

Item	1.6 Engine	2.0 Engine
Luggage volume (VDA) *l* (cu ft)	Min : 354 (12.5) *1/238 (8.4) *2 Max : 1,367 (48.3) *1/878 (31.0) *2	

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

*1 without luggage under tray
*2 with luggage under tray

BULB WATTAGE

Light Bulb			Wattage	Bulb type
Front	Headlamps (Low/High)		55/60	H4LL
	Headlamps (Low)		55	H7LL
	Headlamps (Low)-HID type*		35	D3S
	Headlamps (High)		55	H7LL
	Front turn signal lamps		21	PY21W
	Front position lamps		5 (LED*)	PY21/5W (LED*)
	Front fog lamps*		35	H8L
	Side repeater lamps (Outside Mirror)*		5 (LED)	WY5W
Rear	Bulb Type	Rear stop/tail lamps (Bottom)	21/5	P21/5W
		Rear tail lamps (Mid)	5	W5W
		Rear tail lamps (Top)	5	W5W
	LED Type	Rear stop lamps	LED	LED
		Rear tail lamps	LED	LED
	Rear turn signal lamps		21	PY21W
	Back-up lamps		16	W16W
	High mounted stop lamps		5 (LED*)	W5W (LED*)
	License plate lamps		5	W5W
Interior	Map lamps		8 (LED*)	FESTOON (LED*)
	Room lamps		8 (LED*)	FESTOON (LED*)
	Personal lamps*		LED*	LED*
	Vanity mirror lamps		5	FESTOON
	Glove box lamps		5	FESTOON
	Luggage lamp		8 (LED*)	FESTOON (LED*)

* If equipped

TIRES AND WHEELS (FOR EUROPE)

<table>
<tr><th rowspan="3">Item</th><th rowspan="3">Tire size</th><th rowspan="3">Wheel size</th><th colspan="2">Load Capacity</th><th colspan="2">Speed capacity</th><th colspan="4">Inflation pressure bar(psi, kPa)</th><th rowspan="3">Wheel lug nut torque Kgf·m (lb·ft, N·m)</th></tr>
<tr><th colspan="2">Normal load</th><th colspan="3">Maximum load</th></tr>
<tr><th>LI *1</th><th>Kg</th><th>SS *2</th><th>Km/h</th><th>Front</th><th>Rear</th><th colspan="2">Front</th><th>Rear</th></tr>
<tr><td rowspan="3">Full size tire</td><td>205/60R16</td><td>6.5J×16</td><td>92</td><td>630</td><td>H</td><td>210</td><td rowspan="3">2.3 (33, 230)</td><td rowspan="3">2.3 (33, 230)</td><td>GSL</td><td>2.5 (36, 250)</td><td rowspan="3">2.6 (38, 260)</td><td rowspan="4">9~11 (65~79, 88~107)</td></tr>
<tr><td>215/55R17</td><td>6.5J×17</td><td>94</td><td>670</td><td>V</td><td>240</td><td rowspan="2">DSL</td><td rowspan="2">2.5 (36, 250)</td></tr>
<tr><td>235/45R18</td><td>7.5J×18</td><td>94</td><td>670</td><td>V</td><td>240</td></tr>
<tr><td>Compact spare tire</td><td>T125/80D16</td><td>4.0T×16</td><td>97</td><td>730</td><td>M</td><td>130</td><td>4.2 (60, 420)</td><td>4.2 (60, 420)</td><td colspan="2">4.2 (60, 420)</td><td>4.2 (60, 420)</td></tr>
</table>

*1 : Load Index

*2 : Speed Symbol

⚠ 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	Load Capacity		Speed capacity		Inflation pressure bar(psi, kPa)				Wheel lug nut torque Kgf·m (lb·ft, N·m)
							Normal load		Maximum load		
			LI *1	Kg	SS *2	Km/h	Front	Rear	Front	Rear	
Full size tire	205/60R16	6.5J×16	92	630	H	210	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	2.3 (33, 230)	9~11 (65~79, 88~107)
	215/55R17	6.5J×17	94	670	V	240					
	235/45R18	7.5J×18	94	670	V	240					
Compact spare tire	T125/80D16	4.0T×16	97	730	M	130	4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	

*1 : Load Index

*2 : Speed Symbol

⚠ 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.

<table>
<tr><th colspan="3">Lubricant</th><th>Volume</th><th>Classification</th></tr>
<tr><td rowspan="4">Engine oil *1 *2

Recommends

Shell HELIX Motor oils</td><td rowspan="2">Gasoline Engine</td><td>1.6 L</td><td>3.6 l (3.81 US qt.)</td><td>GDI engine or Middle East
ACEA A5 or above</td></tr>
<tr><td>2.0 L</td><td>4.0 l (4.23 US qt.)</td><td rowspan="2">MPI engine (except Middle East)
API SM*4 & ILSAC GF-4 or above
ACEA A5 or above</td></tr>
<tr><td rowspan="2">Diesel Engine</td><td>With DPF *3</td><td rowspan="2">5.3 l (5.60 US qt.)</td><td>ACEA C3 or C2</td></tr>
<tr><td>Without DPF *3</td><td>ACEA B4</td></tr>
<tr><td rowspan="3">Manual transaxle fluid</td><td rowspan="2">Gasoline Engine</td><td>1.6 L</td><td>1.8 l ~ 1.9 l
(1.90 ~ 2.01US qt.)</td><td rowspan="3">API GL-4, SAE 70W</td></tr>
<tr><td>2.0 L</td><td>1.7 l ~ 1.8 l
(1.80 ~ 1.90 US qt.)</td></tr>
<tr><td colspan="2">Diesel Engine</td><td>1.7 l ~ 1.8 l
(1.80 ~ 1.90 US qt.)</td></tr>
<tr><td rowspan="3">Automatic transaxle fluid</td><td rowspan="2">Gasoline Engine</td><td>1.6 L</td><td rowspan="2">7.3 l (7.71 US qt.)</td><td rowspan="3">ATF SP-IV or equivalent</td></tr>
<tr><td>2.0 L</td></tr>
<tr><td colspan="2">Diesel Engine</td><td>7.1 l (7.50 US qt.)</td></tr>
<tr><td>Dual clutch transmission fluid</td><td colspan="2">Diesel Engine</td><td>1.9 l ~ 2.0 l
(2.01 ~ 2.11 US qt.)</td><td>API GL-4, SAE 70W</td></tr>
</table>

Lubricant				Volume	Classification
Coolant	Gasoline Engine	1.6 L	M/T	5.1~5.2 *l* (5.39~5.49 US qt.)	Mixture of antifreeze and water (Ethylene glycol base coolant for aluminum radiator)
			A/T	5.0~5.1 *l* (5.29~5.39 US qt.)	
		2.0 L	M/T	5.1 *l* (5.39 US qt.)	
			A/T	5.0 *l* (5.29 US qt.)	
	Diesel Engine	1.6 L	M/T	6.8 *l* (7.19 US qt.)	
			A/T	7.0 *l* (7.39 US qt.)	
			DCT	6.8 *l* (7.19 US qt.)	
Brake/Clutch fluid				0.7~0.8 *l* (0.7~0.8 US qt.)	FMVSS116 DOT-3 or DOT-4
Fuel				54 *l* (14.27 US gal.)	Refer to “Fuel requirements” in chapter 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 engine oil is not available in your country, you are able to use API service SL.

Recommends Engine oil (For Europe)

Supplier	Product
	Diesel Engine
Shell	HELIX ULTRA AP 5W-30
	HELIX ULTRA AP-L 5W-30

Recommended SAE viscosity number

⚠ CAUTION

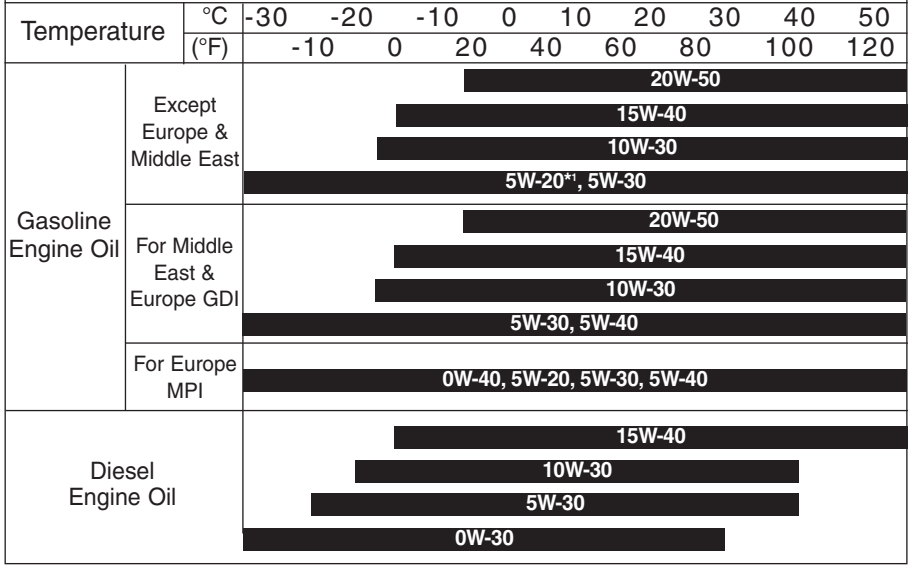
Always be sure to clean the area around any filler plug, drain plug, or dipstick before checking or draining any lubricant. This is especially important in dusty or sandy areas and when the vehicle is used on unpaved roads. Cleaning the plug and dipstick areas will prevent dirt and grit from entering 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.

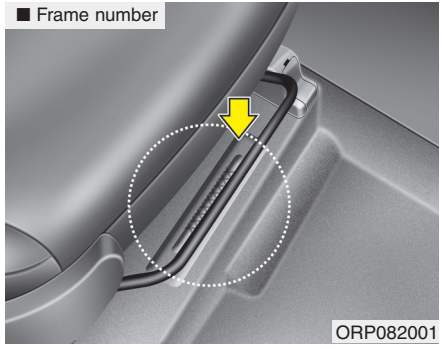
Temperature Range for SAE Viscosity Numbers



*1 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-20 (API SM/ILSAC GF-4). 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)

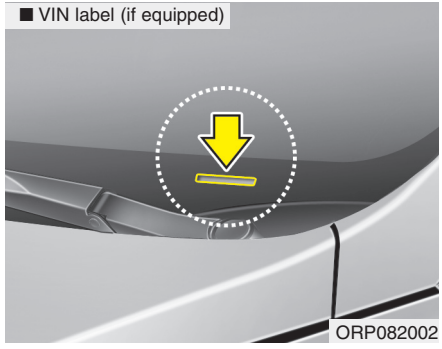
■ Frame number



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

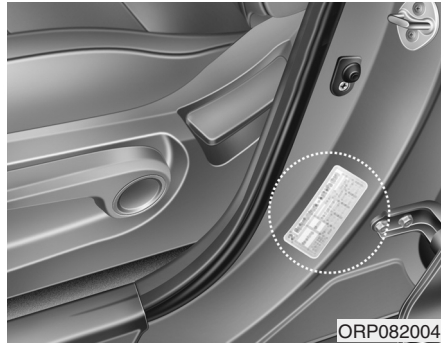
The number is punched on the floor under the passenger seat. To check the number, open the cover.

■ VIN label (if equipped)



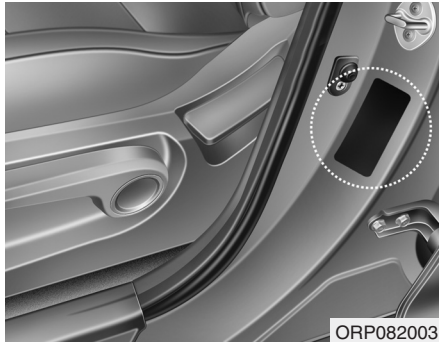
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

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

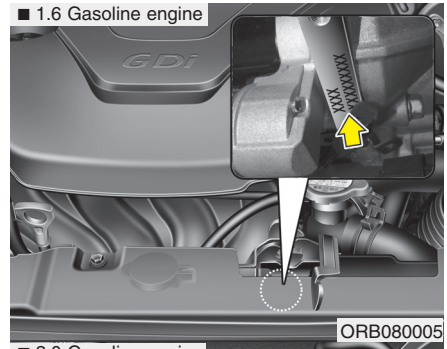

ORP082003

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.

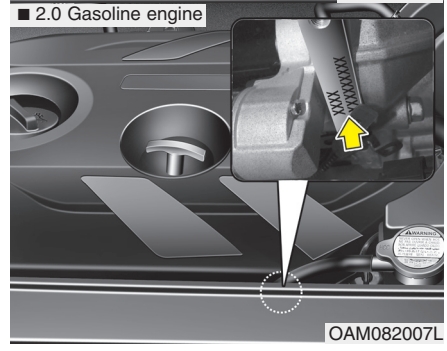
ENGINE NUMBER

■ 1.6 Gasoline engine

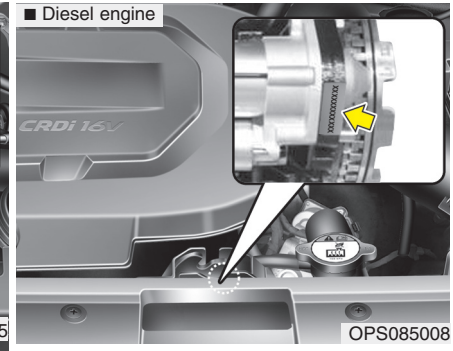


ORB080005

■ 2.0 Gasoline engine


OAM082007L

■ Diesel engine

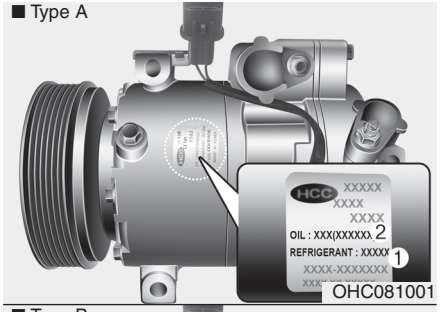


OPS085008

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

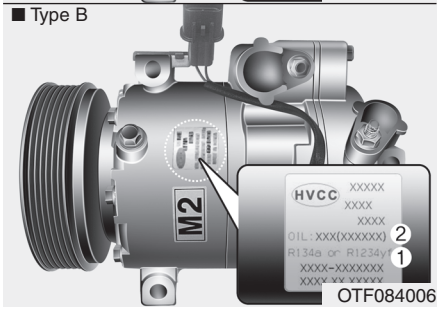
AIR CONDITIONER COMPRESSOR LABEL

■ Type A



OHC081001

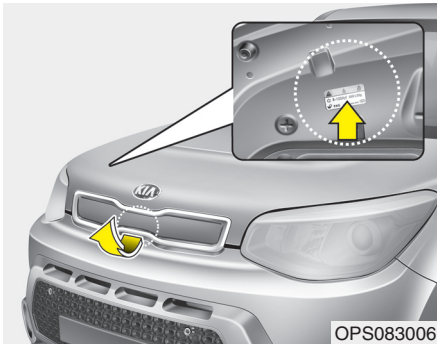
■ Type B



OTF084006

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



OPS083006

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

DECLARATION OF CONFORMITY

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