Specifications

DIMENSIONS

Items		Suspension Type	
		CTBA	Multi link
		mm (in)	mm (in)
Overall length		4,620 (181.89)	4,620 (181.89)
Overall width		1,800 (70.87)	1,800 (70.87)
Overall height		1,435 (56.5)	1,435 (56.5)
Front tread	195/65 R15	1,563 (61.5)	-
	205/55 R16	1,555 (61.2)	-
	225/45 R17	1,549 (60.0)	1,549 (60.0)
	225/40 R18	-	1,545 (60.8)
Rear tread	195/65 R15	1,572 (61.9)	-
	205/55 R16	1,564 (61.6)	-
	225/45 R17	1,558 (61.3)	1,563 (61.5)
	225/40 R18	-	1,559 (61.4)
Wheelbase		2,700 (106.3)	2,700 (106.3)

CTBA : coupled torsion beam axle

ENGINE

Items	1.6 Turbo-GDI	2.0 MPI
Displacement cc (cu. in)	1,591 (97.09)	1,999 (121.98)
Bore x Stroke mm (in.)	77x85.4 (3.03x3.36)	81x97 (3.18x3.82)
Firing order	1-3-4-2	1-3-4-2
No. of cylinders	In-line 4 cylinder	In-line 4 cylinder

BULB WATTAGE

Light Bulb				Bulb Type	Wattage
Front	Type A	Headlamp	Low	HB3	60
			High	HB3	60
		Turn signal lamp		PY28/8W	28/8
		Side marker lamp	Bulb type	W5W	5
			LED type	LED	LED
		Daytime running lamp (DRL) & Parking lamp	Bulb type	P21/5W	21/5
			LED type	LED	LED
		Side repeater lamp (Outside mirror)		LED	LED
	Type B	Headlamp	Low	LED	LED
			High	LED	LED
		Turn signal lamp		PY28/8W	28/8
		Side marker lamp		LED	LED
		Daytime running lamp (DRL) & Parking lamp		LED	LED
		Side repeater lamp (Outside mirror)		LED	LED
Rear	Type A	Tail lamp		W5W	5
		Tail/Stop lamp		PY28/8W	28/8
		Turn signal lamp		PY27W	27
		Side marker lamp		W5W	5

Light Bulb			Bulb Type	Wattage
Rear	Type B	Tail lamp	LED	LED
		Stop lamp	LED	LED
		Turn signal lamp	PY27W	27
		Side marker lamp	LED	LED
	Back up lamp		P21W	21
	High mounted stop lamp		W21W	21
	License plate lamp		W5W	5
Interior	Map lamp		W10W	10
	Room lamp		FESTOON	8
	Vanity mirror lamp		FESTOON	5
	Luggage lamp		FESTOON	5

TIRES AND WHEELS

Items	Tire Size	Wheel Size	Inflation Pressure kPa (psi)				Wheel lug nut torque kgf•m (lbf•ft, N•m)
			Normal Load		Maximum Load		
			Front	Rear	Front	Rear	
Full size tire	195/65 R15	6.0J X 15	250 (36)	250 (36)	250 (36)	250 (36)	11~13 (79~94, 107~127)
	205/55 R16	6.5J X 16	230 (33)	230 (33)	230 (33)	230 (33)	
	225/45 R17	7.0J X 17	230 (33)	230 (33)	230 (33)	230 (33)	
	225/40 R18	7.5J X 18	230 (33)	230 (33)	230 (33)	230 (33)	
Compact spare tire (if equipped)	T125/80 D15	4.0T X 15	420 (60)	420 (60)	420 (60)	420 (60)	
	T125/80 D16	4.0T X 16	420 (60)	420 (60)	420 (60)	420 (60)	

If your vehicle is not equipped with a compact spare tire, your vehicle will be equipped with a Tire Mobility Kit.

NOTICE

- **It is permissible to add 20 kPa (3 psi) to the standard tire pressure specification if colder temperatures are expected soon. Tires typically loose 7 kPa (1 psi) for every 7°C (12°F) temperature drop. If extreme temperature variations are expected, recheck your tire pressure as necessary to keep them properly inflated.**
- **An air pressure generally decreases, as you drive up to a high-altitude area above sea level. Thus, if you plan to drive a high-altitude area, check the tire pressures in advance. If necessary, inflate them to a proper level (Air inflation per altitude: +10 kPa/1 km (+2.4 psi/1 mile)).**

⚠ 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 not work properly.

VOLUME AND WEIGHT

Items	1.6 Turbo-GDI		2.0 MPI	
	M/T	DCT	M/T	IVT
Gross vehicle weight kg (lbs.)	1,810 (3,990)	1,840 (4,057)	1,760 (3,880)	1,780 (3,924)
Luggage volume (SAE) *l* (cu ft)	407 (14.37)			

M/T : Manual transmission

IVT : Intelligent Variable Transmission

DCT : Dual clutch transmission

AIR CONDITIONING SYSTEM

Items	Weight of Volume	Classification
Refrigerant g (oz.)	500±25 (17.6±0.88)	R-134a
Compressor lubricant cc (oz.)	110±10 (3.88±0.35)	PAG (FD46XG)

Contact an authorized HYUNDAI 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.

Lubricant		Volume	Classification
Engine oil *1 *2 (drain and refill) Recommends 	1.6 Turbo-GDI	4.5 *l* (4.76 US qt.)	API Latest (ILSAC Latest) or ACEA A5/B5 or above/SAE 5W-30 (SAE Viscosity Number)
	2.0 MPI	4.0 *l* (4.23 US qt.)	API Latest (ILSAC Latest)/ SAE 5W-20 (SAE Viscosity Number)
Manual transmission fluid	1.6 Turbo-GDI/ 2.0 MPI	1.5~1.6 *l* (1.6~1.7 US qt.)	HK SYN MTF 70W (SK) SPIRAX S6 GHME 70W MTF (H.K.SHELL) GS MTF HD 70W (GS CALTEX) (API GL-4, SAE 70W TGO-9)
Intelligent Variable Transmission (IVT) fluid	2.0 MPI	6.5 *l* (6.86 US qt.)	IVTF SP-CVTI
Dual clutch transmission fluid	1.6 Turbo-GDI	1.9~2.0 *l* (2.01~2.11 US qt.)	HK DCTF 70W (SK) SPIRAX S6 GHME 70W DCTF (H.K.SHELL) GS DCTF HD 70W (GS CALTEX) (API GL-4, SAE 70W)

Lubricant			Volume	Classification
Coolant	1.6 Turbo-GDI	M/T	6.1 *l* (6.45 US qt.)	Mixture of antifreeze and water (Phosphate-based Ethylene glycol coolant for aluminum radiator)
		DCT		
	2.0 MPI	M/T	6.0 *l* (6.34 US qt.)	
		IVT	6.6 *l* (6.97 US qt.)	
Brake/Clutch fluid			0.7 ~ 0.8 *l* (0.74~0.85 US qt.)	FMVSS116 DOT-3 or DOT-4
Fuel			53 *l* (14.0 US gal.)	Refer to "Fuel requirements" in the Foreword chapter.

*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.

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	
Engine Oil	1.6 Turbo-GDI *1		20W-50								
			15W-40								
			10W-30								
			5W-30, 5W-40								
	2.0 MPI *2		10W-30								
			5W-20, 5W-30								

*1 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-30 (API Latest (ILSAC Latest) or ACEA A5/B5 or above). 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-20 (API Latest (ILSAC Latest)). However, if the engine oil is not available in your country, select the proper engine oil using the engine oil viscosity chart.

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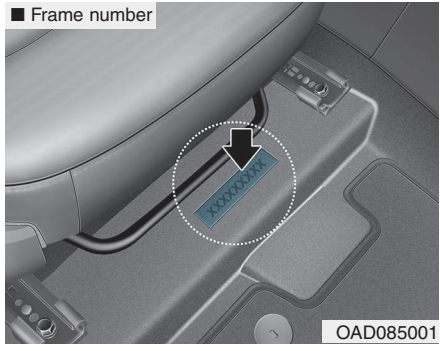
VEHICLE IDENTIFICATION NUMBER (VIN)

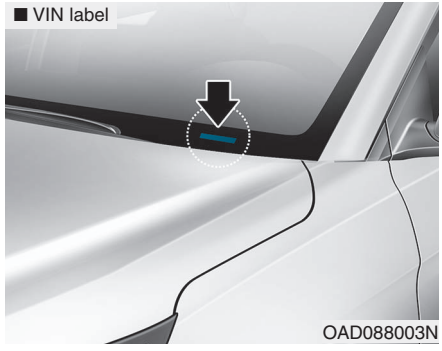
■ Frame number



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

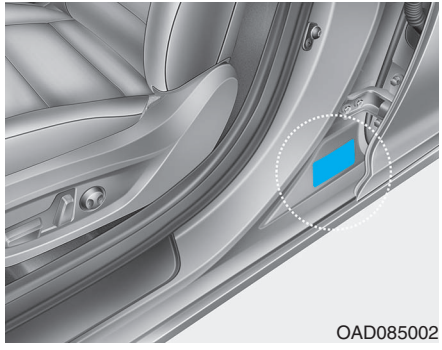
The number is punched on the floor under the passenger seat. To check the number, open the cover.

■ VIN label



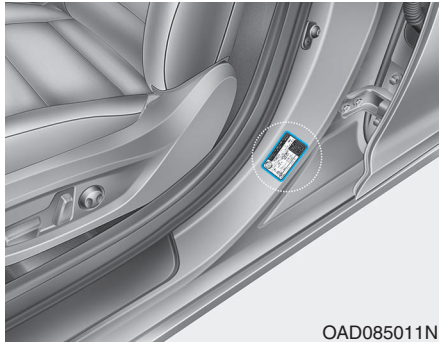
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

VEHICLE CERTIFICATION LABEL



The vehicle certification label attached on the driver's side center pillar gives the Vehicle Identification Number (VIN).

TIRE SPECIFICATION AND PRESSURE LABEL



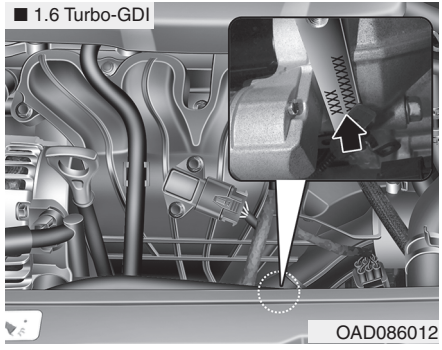
OAD085011N

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.

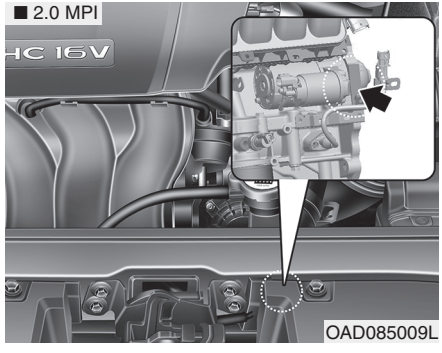
ENGINE NUMBER

■ 1.6 Turbo-GDI



OAD086012

■ 2.0 MPI



OAD085009L

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