

Specifications

Dimensions	8-2
Engine.....	8-2
Bulb Wattage	8-3
Tires and Wheels	8-5
Volume and Weight.....	8-7
Air Conditioning System.....	8-7
Recommended Lubricants and Capacities	8-8
Recommended SAE viscosity number	8-10
Vehicle Identification Number (VIN)	8-11
Vehicle Certification Label	8-11
Tire Specification and Pressure Label	8-12
Engine Number	8-12
Refrigerant Label.....	8-12

DIMENSIONS

mm (inch)

Items		5 Door	N-Line
Overall length		4,340 (170.86)	4,345 (171.06)
Overall width		1,795 (70.66)	1,795 (70.66)
Overall height		1,455 (57.28)	1,452 (57.17)
Front tread	205/55 R16	1,568 (61.73)	1,568 (61.73)
	225/45 R17	1,553 (61.14)	1,553 (61.14)
	225/40 R18	1,549 (60.98)	1,549 (60.98)
	225/40 ZR18	-	1,555 (61.22)
Rear tread	205/55 R16	1,568 (61.73)	1,568 (61.73)
	225/45 R17	1,562 (61.49)	1,562 (61.49)
	225/40 R18	1,563 (61.53)	1,563 (61.53)
	225/40 ZR18	-	1,563 (61.53)
Wheelbase		2,650 (104.33)	2,650 (104.33)

ENGINE

Items		1.6 T-GDI	2.0 GDI
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, B	Headlamp	Low	H7LL	60
			High	HB3	65
		Parking lamp		LED	LED
		Turn signal lamp		PY28W	28
		Side marker		W5W	5
		Daytime running light		LED	LED
	Type C, D	Headlamp	Low	LED	LED
			High	LED	LED
		Position lamp		LED	LED
		Turn signal lamp		LED	LED
		Side marker		LED	LED
		Daytime running light		LED	LED
	Side repeater lamp				LED

Light Bulb			Bulb Type	Wattage
Rear	Stop/Tail lamp	Type A	P28/8WLL	28/8
		Type B, C	LED	LED
	Stop lamp	Type B, C	LED	LED
	Tail lamp	Type A	W5W	5
		Type B, C	LED	LED
	Turn signal lamp		PY27W	27
	Backup lamp		W16W	16
	High mounted stop light		LED	LED
Interior	Sider marker		LED	LED
	Map lamp		W10W	10
	Room lamp	Type A	FESTOON	8
		Type B	LED	LED
	Vanity mirror lamp		FESTOON	5
	Luggage compartment lamp		FESTOON	10
	License plate lamp		W5W	5

TIRES AND WHEELS

Items	Tire Size	Wheel Size	Inflation Pressure Bar kPa (psi)				Wheel Lug Nut Torque kgf•m
			Normal load		Maximum load		
			Front	Rear	Front	Rear	
Full size tire	205/55R16	6.5J X 16	230 (33)	230 (33)	230 (33)	230 (33)	11~13
	225/45R17	7.0J X 17	230 (33)	230 (33)	230 (33)	230 (33)	
	225/40R18	7.5J X 18	230 (33)	230 (33)	230 (33)	230 (33)	
	225/40ZR18	7.5J X 18	240 (35)	240 (35)	240 (35)	240 (35)	
Compact spare tire	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)	

NOTICE

- It is permissible to add 20 kPa (3 psi) to the standard tire pressure specification if colder temperatures are expected soon. Tires typically lose 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)).
- Tires get higher strain when driving at high speed than under normal condition, and can cause tire failure. Therefore, if you are driving at sustained high speed (over 160 km/h or 100 mile/h) with 225/40R18 or 225/40 ZR18 sized tires, add 34 kPa (5 psi) to the standard tire pressure. However, do not exceed the maximum inflation pressure indicated on the tire sidewall.



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 T-GDI		2.0 GDI	
	M/T	DCT	M/T	A/T
Gross vehicle weight kg (lbs.)	1,830 (4,034)	1,850 (4,078)	1,780 (3,924)	1,800 (3,968)
Luggage volume (SAE) l (cu ft)	705 (24.9)			

M/T : Manual transmission

A/T : Automatic transmission

DCT : Dual clutch transmission

AIR CONDITIONING SYSTEM

Items	Weight of Volume	Classification
Refrigerant g (oz.)	500 (17.63)	R-1234yf
Compressor lubricant cc (oz.)	110±10 (3.88±0.35)	PAG

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.

Lubricant		Volume	Classification
Engine oil *1 *2 (drain and refill) Recommends 	1.6 T-GDI	4.5 l (4.76 US qt.)	SAE 5W-20/API Latest (ILSAC Latest)
	2.0 GDI	4.0 l (4.23 US qt.)	
Manual transmission fluid	1.6 T-GDI/ 2.0 GDI	1.7 ~ 1.8 l (1.8~1.9 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)
Automatic transmission fluid	2.0 GDI	6.7 l (7.08 US qt.)	MICHANG ATF SP-IV, SK ATF SP-IV, NOCA ATF SP-IV, HYUNDAI genuine ATF SP-IV
Dual clutch transmission fluid	1.6 T-GDI	1.9~2.0 l (2.01~2.11 US qt.)	HK SYN 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 T-GDI	M/T	6.2 l (6.55 US qt.)	Mixture of antifreeze and water (Phosphate-based Ethylene glycol coolant for aluminum radiator)
		DCT		
	2.0 GDI	M/T	5.9 l (6.23 US qt.)	
		A/T	5.8 l (6.12 US qt.)	
Brake/Clutch fluid			0.7 ~ 0.8 l (0.74~0.85 US qt.)	SAE J1704 DOT-4 LV, FMVSS 116 DOT-4, ISO4925 CLASS-6
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.

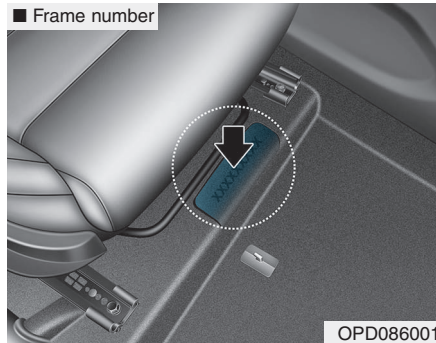
Temperature Range for SAE Viscosity Numbers											
Temperature		°C	-30	-20	-10	0	10	20	30	40	50
		(°F)	-10	0	20	40	60	80	100	120	
Engine Oil	1.6 T-GDI *1		20W-50								
			15W-40								
			10W-30								
			5W-30, 5W-40								
	2.0 GDI *2		10W-30								
			5W-20, 5W-30								

*1 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade 5W-30 (ACEA A5 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 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.

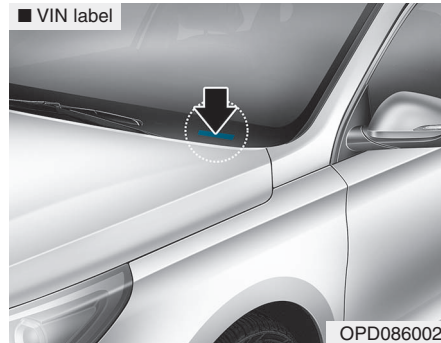


VEHICLE IDENTIFICATION NUMBER (VIN)



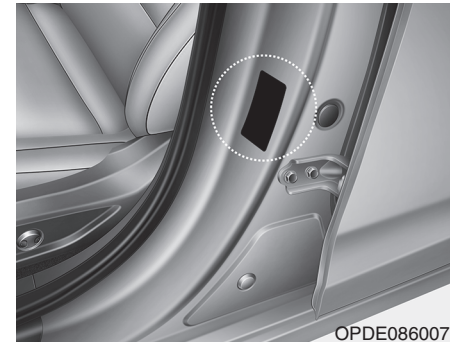
The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc.

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



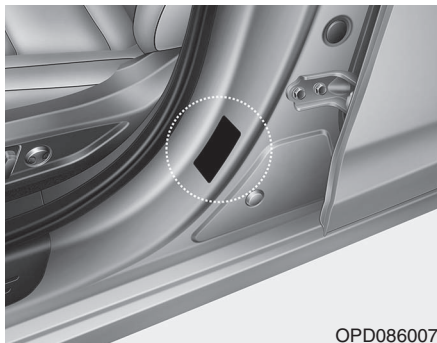
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

VEHICLE CERTIFICATION LABEL



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

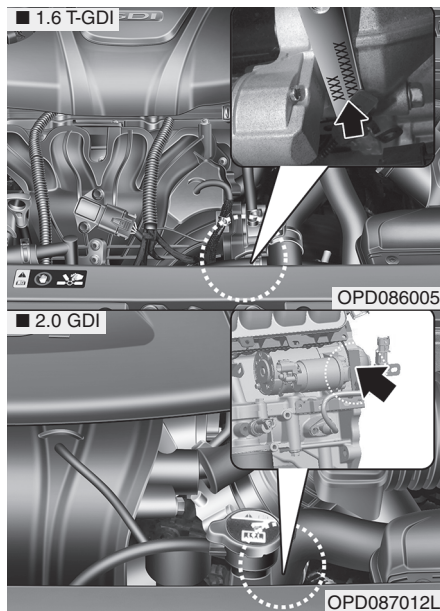
TIRE SPECIFICATION AND PRESSURE LABEL



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



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

REFRIGERANT LABEL (IF EQUIPPED)



The refrigerant label provides information such as refrigerant type and amount.

The label is located on the underside of the hood.