

Engine / 8-2
Dimensions / 8-2
Bulb wattage / 8-2
Tires and wheels / 8-3
Weight/volume / 8-4
Recommended lubricants and capacities / 8-5
Vehicle identification number (VIN) / 8-8
Vehicle certification label / 8-8
Tire specification and pressure label / 8-9
Engine number / 8-9
Refrigerant label / 8-9

Specifications & Consumer information

8

Specifications & Consumer information

ENGINE

Item	Gasoline
Displacement cc (cu. in)	1591 (97.09)
Bore x Stroke mm (in.)	77x85.44 (3.03x3.36)
Firing order	1-3-4-2
No. of cylinders	4, In-line

DIMENSIONS

Item		mm (in.)	
		GDI	T-GDI
Overall length		4220 (166.1)	4250 (167.3)
Overall width		1790 (70.5)	1805 (71.1)
Overall height	P215/45 R17	1399 (55.1)	-
	225/40 R18	1405 (55.3)	1405 (55.3)
Front tread	P215/45 R17	1561 (61.5)	-
	225/40 R18	1547 (60.9)	1547 (60.9)
Rear tread	P215/45 R17	1574 (62.0)	-
	225/40 R18	1560 (61.4)	1560 (61.4)
Wheelbase		2650 (104.3)	2650 (104.3)

BULB WATTAGE

Light Bulb		Wattage	Bulb type
Headlights	High	55	H7
	Low	55	H7HPLL/H11B*
Front turn signal lights		27	PY27W
Position lights		LED	LED
Sidemarker		5	W5W
Front fog lights*	GDI	27	H27W
	T-GDI	35	H8
Side repeater		LED	LED
Stop and tail lights		28/8	P28/8W
Rear turn signal lights		27	PY27W
Back-up lights		16	W16W
High mounted stop light		LED	LED
License plate lights		5	W5W
Front map lamp		8	FESTOON 8W
Center room lamp*		8	FESTOON 8W
Luggage room lamp		5	FESTOON 5W

* : If equipped

TIRES AND WHEELS

Item	Tire size	Wheel size	Cold tire inflation pressure kPa (psi)				Wheel lug nut torque kg•m (lb•ft, N•m)
			Normal load *1		Maximum load		
			Front	Rear	Front	Rear	
Full size tire	P215/45R17	7.0J×17	230 (33)	230 (33)	230 (33)	230 (33)	9~11 (65~79, 88~107)
	225/40R18	7.5J×18					
Compact spare tire*2 (if equipped)	T125/80D15	4.0T×15	420 (60)	420 (60)	420 (60)	420 (60)	
	T125/80D16	4.0T×16					

*1 Normal load : Up to 2 persons

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

**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		GDI	TGDI
Gross vehicle weight kg (lbs.)	Manual transaxle	1700 (3748)	1750 (3858)
	Automatic transaxle	1700 (3748)	1750 (3858)
	EcoShift dual clutch transmission	1700 (3748)	1750 (3858)
Luggage volume cu ft (l)		440 (15.5)	

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 	GDI	3.6 l (3.8 US qt.)	API Service SM ^{*3} , ILSAC GF-4 or above
	T-GDI	4.5 l (4.8 US qt.)	ACEA A5 or above
Automatic transaxle fluid	T-GDI	7.1 l (7.5 US qt.)	MICHANG ATF SP-IV SK ATF SP-IV NOCA ATF SP-IV HYUNDAI genuine ATF SP-IV
Manual transaxle fluid	GDI	1.6~1.7 l (1.7~1.8 US qt.)	HK MTF 70W (SK) SPIRAX S6 GHME 70W (H.K.SHELL) GS MTF HD 70W (GS CALTEX) API GL-4, SAE 70W Use the Manual transaxle fluid approved by HYUNDAI motor company. Consult an authorized HYUNDAI dealer for details.
	T-GDI	1.7~1.8 l (1.8~1.9 US qt.)	
EcoShift dual clutch transmission fluid	GDI	1.9~2.0 l (2.01~2.11 US qt.)	HK MTF 70W (SK) SPIRAX S6 GHME 70W (H.K.SHELL) GS MTF HD 70W (GS CALTEX) API GL-4, SAE 70W Use the EcoShift dual clutch transmission fluid approved by HYUNDAI motor company. Consult an authorized HYUNDAI dealer for details.
	T-GDI		

Specifications & Consumer information

Lubricant		Volume	Classification
Coolant	Automatic transaxle	5.2 l (5.5 US qt.)	Mixture of antifreeze and water (Ethylene glycol base coolant for aluminum radiator)
	Manual Transaxle	5.0 l (5.28 US qt.)	
	Ecoshift dual clutch transmission		
Brake/clutch fluid		0.7~0.8 l (0.7~0.8 US qt.)	FMVSS116 DOT-3 or DOT-4
Fuel		50 l (13.2 US gal.)	Unleaded gasoline

*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 If the API service SM engine oil is not available in your country, you may substitute API service SL.

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.

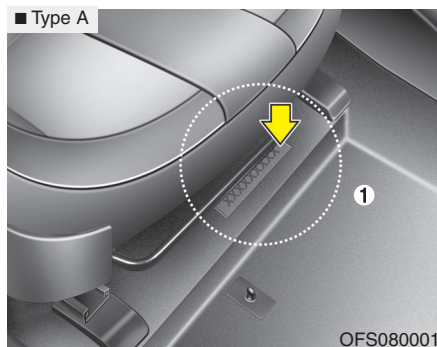
Temperature Range for SAE Viscosity Numbers										
Temperature	°C	-30	-20	-10	0	10	20	30	40	50
	(°F)	-10	0	20	40	60	80	100	120	
Engine Oil (GDI) *1		10W-30								
		5W-20, 5W-30								
Engine Oil (T-GDI) *2		5W-30, 5W-40								

*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.

*2. For better fuel economy, it is recommended to use the engine oil of a viscosity grade 5W-30 (API SM / ILSAC GF-4 / 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.

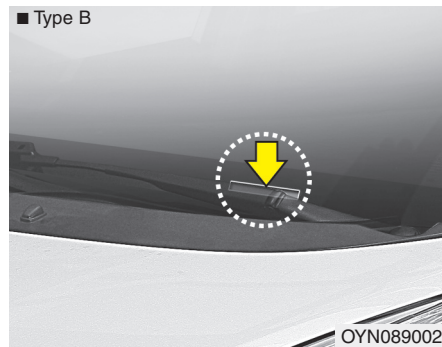


VEHICLE IDENTIFICATION NUMBER (VIN)



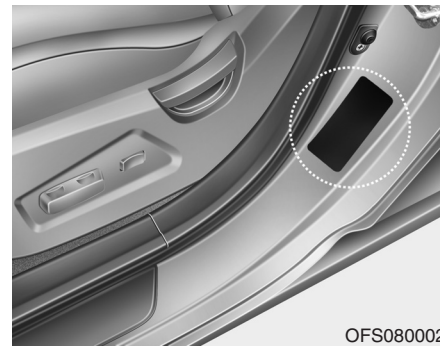
The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc.

The number is punched on the floor under the front passenger's seat. To check the number, open the cover (1).



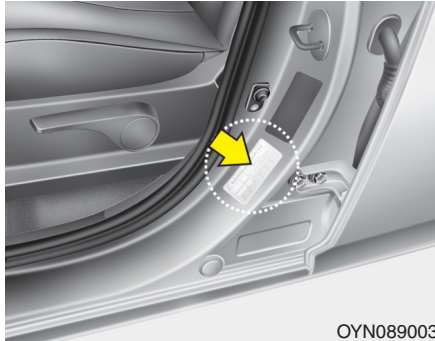
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

VEHICLE CERTIFICATION LABEL



The vehicle certification label attached on the driver's side center pillar contains the vehicle identification number (VIN).

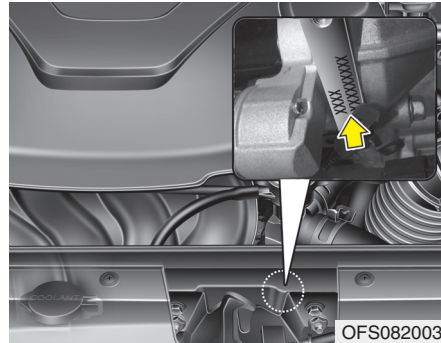
TIRE SPECIFICATION AND PRESSURE LABEL



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

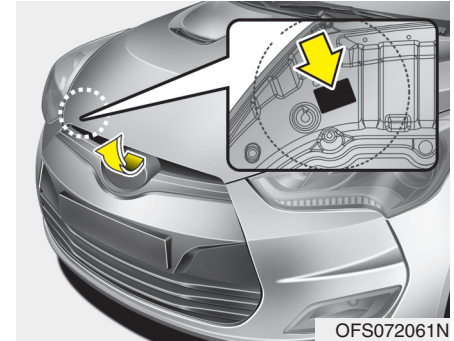
The tire label located on the driver's side center pillar gives the tire pressures recommended for your car.

ENGINE NUMBER



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

REFRIGERANT LABEL (IF EQUIPPED)



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