

## Specifications

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## DIMENSIONS

| Items          |            | mm (in)                                     |
|----------------|------------|---------------------------------------------|
| Overall length |            | 4,165 (163.97)                              |
| Overall width  |            | 1,800 (70.86)                               |
| Overall height |            | 1,550 (61.02) / 1,565 (61.61)* <sup>1</sup> |
| Front tread    | 205/60 R16 | 1,575 (62.0)                                |
|                | 215/55 R17 | 1,563 (61.53)                               |
|                | 235/45 R18 | 1,559 (61.37)                               |
| Rear tread     | 205/60 R16 | 1,584 (62.36)                               |
|                | 215/55 R17 | 1,572 (61.88)                               |
|                | 235/45 R18 | 1,568 (61.73)                               |
| Wheelbase      |            | 2,600 (102.36)                              |

\*<sup>1</sup> : with roof rack

## ENGINE

| Items            |              | Gamma 1.6 Turbo-GDI | Nu 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      | Headlamp                                   | Low (Type A)       | H7        | 55      |
|            |                                            | High (Type A)      | H7        | 55      |
|            |                                            | Low (Type B)       | LED       | LED     |
|            |                                            | High (Type B)      | LED       | LED     |
|            |                                            | Cornering lamp     | H7        | 55      |
|            | Turn signal lamp                           |                    | PY28/8W   | 28      |
|            | Side marker                                |                    | LED       | LED     |
|            | Turn signal lamp (Outside mirror)          |                    | LED       | LED     |
|            | Daytime running lamp (DRL) / position lamp |                    | LED       | LED     |
|            | Fog lamp                                   |                    | H8        | 35      |
| Rear       | Rear combination lamp                      | Stop/Tail (Type A) | P21/5W    | 21/5    |
|            |                                            | Tail (Type A)      | W5W       | 5       |
|            |                                            | Stop/Tail (Type B) | LED       | LED     |
|            |                                            | Turn signal        | P21W      | 21      |
|            |                                            | Back up            | P21W      | 21      |
|            | High mounted stop lamp                     |                    | LED       | LED     |
|            | Side marker                                | Type A             | W5W       | 5       |
|            |                                            | Type B             | LED       | LED     |
|            | License plate lamp                         |                    | W5W       | 5       |

| Light Bulb |                             | Bulb Type | Wattage |
|------------|-----------------------------|-----------|---------|
| Interior   | Map lamp                    | W10W      | 10      |
|            | Room lamp (with sunroof)    | FESTOON   | 10      |
|            | Room lamp (without sunroof) | FESTOON   | 8       |
|            | Sunvisor lamp               | FESTOON   | 5       |
|            | Tailgate room lamp          | FESTOON   | 10      |
|            | Glove box lamp              | FESTOON   | 5       |

## TIRES AND WHEELS

| Item               | Tire Size   | Wheel Size | Cold tire inflation pressure kPa(psi) |          | Wheel Lug Nut Torque<br>kgf·m (lbf·ft, N·m) |
|--------------------|-------------|------------|---------------------------------------|----------|---------------------------------------------|
|                    |             |            | Front                                 | Rear     |                                             |
| Full size tire     | 205/60 R16  | 6.5J x 16  | 230 (33)                              | 230 (33) | 11~13<br>(79~94,107~127)                    |
|                    | 215/55 R17  | 7.0J x 17  |                                       |          |                                             |
|                    | 235/45 R18  | 7.5J x 18  |                                       |          |                                             |
| Compact spare tire | T125/80 D16 | 4.0T x 16  | 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 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                               | Gamma 1.6 Turbo-GDI                                                                  |               | Nu 2.0 MPI    |               |
|-------------------------------------|--------------------------------------------------------------------------------------|---------------|---------------|---------------|
|                                     | DCT (2WD)                                                                            | DCT (AWD)     | A/T (2WD)     | A/T (AWD)     |
| Gross vehicle weight<br>kg (lbs.)   | 1,835 (4,045)                                                                        | 1,930 (4,255) | 1,805 (3,979) | 1,900 (4,189) |
| Luggage volume (SAE)<br>l (cu. ft.) | Behind 1 <sup>st</sup> row : 1,296 (45.7)<br>Behind 2 <sup>nd</sup> row : 544 (19.2) |               |               |               |

A/T : Automatic transmission

DCT : Dual clutch transmission

### AIR CONDITIONING SYSTEM

| Items                            | Weight of Volume        | Classification |
|----------------------------------|-------------------------|----------------|
| Refrigerant<br>g (oz.)           | 450 ± 25 (15.87 ± 0.88) | R-1234yf       |
| Compressor lubricant<br>cc (oz.) | 120 ± 10 (4.23 ± 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 <sup>*1</sup> <sup>*2</sup> (drain and refill)<br><br>Recommends<br><br> | 1.6 Turbo-GDI | 4.5 l (4.76 US qt.)          | ACEA A5/B5 <sup>*4</sup>                                                                                            |
|                                                                                                                                                                      | 2.0 MPI       | 4.0 l (4.23 US qt.)          | API SM <sup>*3</sup> & ILSAC GF-4 (or above)<br>ACEA A5/B5 <sup>*4</sup>                                            |
| Automatic transmission fluid                                                                                                                                         | 2.0 MPI       | 6.7 l (7.08 US qt.)          | MICHANG ATF SP-IV, SK ATF SP-IV,<br>NOCA ATF SP-IV, HYUNDAI genuine ATF<br>SP-IV                                    |
| Dual clutch transmission fluid                                                                                                                                       | 1.6 Turbo-GDI | 1.9~2.0 l (2.01~2.11 US qt.) | HK SYN DCTF 70W (SK)<br>SPIRAX S6 GHME 70W DCTF<br>(H.K.SHELL)<br>GS DCTF HD 70W (GS CALTEX)<br>(API GL-4, SAE 70W) |

| Lubricant                   |               | Volume                              | Classification                                                                                     |
|-----------------------------|---------------|-------------------------------------|----------------------------------------------------------------------------------------------------|
| Transfer case oil (AWD)     | 1.6 Turbo-GDI | 0.47~0.52 l<br>(0.44 ~ 0.49 US qt.) | HYPOID GEAR OIL API GL-5, SAE75W/90<br>(SHELL HD AXLE OIL 75W90 or equivalent)                     |
|                             | 2.0 MPI       | 0.38~0.42 l<br>(0.36~0.4 US qt.)    |                                                                                                    |
| Rear differential oil (AWD) |               | 0.47~0.52 l<br>(0.44~0.49 US qt.)   |                                                                                                    |
| Coolant                     | 1.6 Turbo-GDI | 7.1 l (7.5 US qt.)                  | Mixture of antifreeze and water<br>(Phosphate-based Ethylene glycol coolant for aluminum radiator) |
|                             | 2.0 MPI       | 6.5 l (6.8 US qt.)                  |                                                                                                    |
| Brake fluid                 |               | 0.7 ~ 0.8 l<br>(0.74~0.85 US qt.)   | FMVSS116 DOT-3 or DOT-4                                                                            |
| Fuel                        |               | 50 l (13.2 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.

\*3 : If the API service SM engine oil is not available in your country, you are able to use API service SL.

\*4 : If the ACEA A5 engine oil is not available in your country, you are able to use ILSAC GF-3 (or above) or ACEA A3 (or above).

## 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.

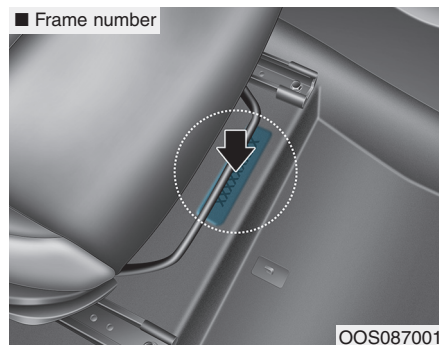
| Temperature Range for SAE Viscosity Numbers |                        |              |     |     |     |    |    |    |     |     |    |
|---------------------------------------------|------------------------|--------------|-----|-----|-----|----|----|----|-----|-----|----|
| Temperature           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

\*<sup>1</sup> : 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.

\*<sup>2</sup> : 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.

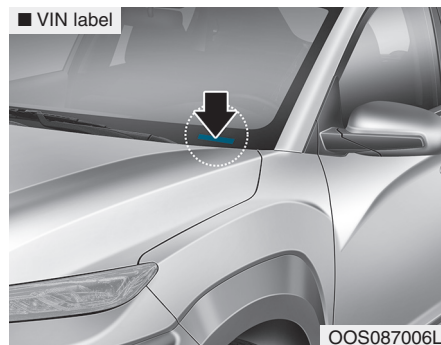


### VEHICLE IDENTIFICATION NUMBER (VIN)



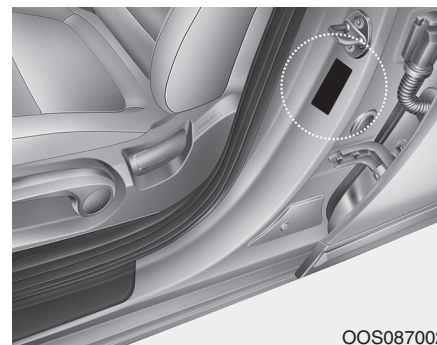
The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc.

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



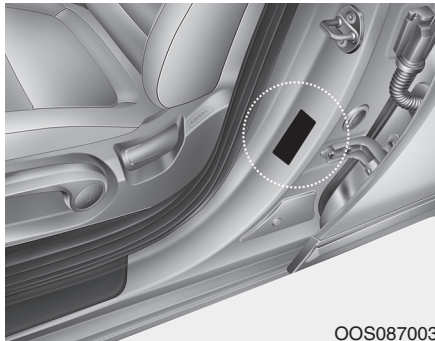
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

### VEHICLE CERTIFICATION LABEL



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

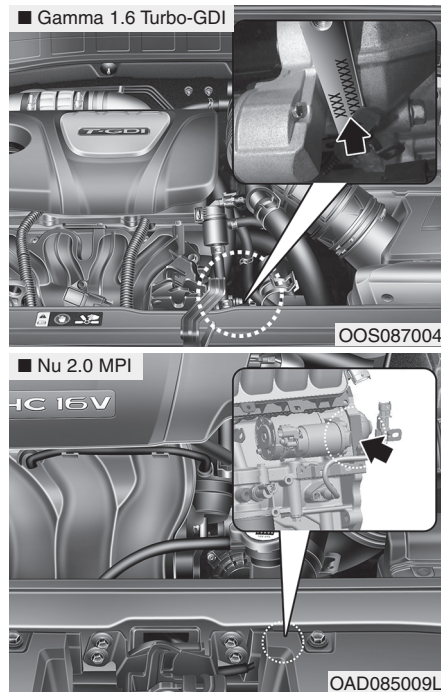
## TIRE SPECIFICATION AND PRESSURE LABEL



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.