

# 2. Vehicle Information and Reporting Safety Defects

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## EXTERIOR OVERVIEW (I)

■ Front view

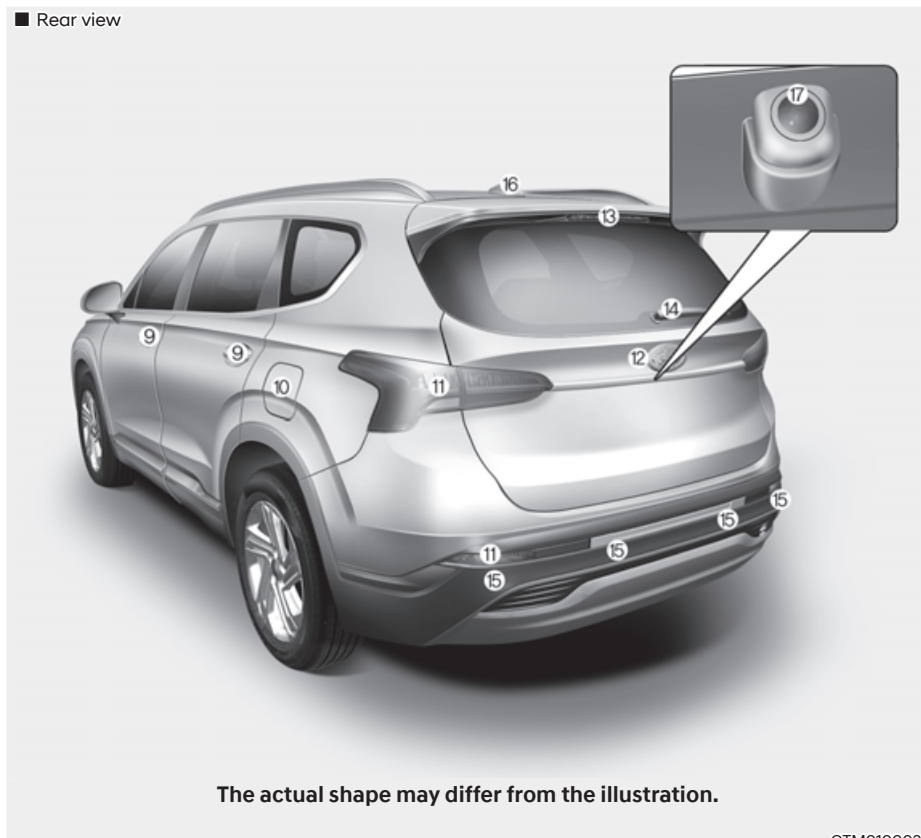


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- |                          |            |                                      |            |
|--------------------------|------------|--------------------------------------|------------|
| 1. Hood.....             | 5-51       | 5. Sunroof.....                      | 5-46       |
| 2. Headlamp.....         | 5-66, 9-56 | 6. Front windshield wiper blades ... | 5-79, 9-27 |
| 3. Tires and wheels..... | 9-34       | 7. Windows .....                     | 5-42       |
| 4. Side view mirror..... | 5-39       | 8. Front ultrasonic sensors.....     | 7-144      |

## EXTERIOR OVERVIEW (II)

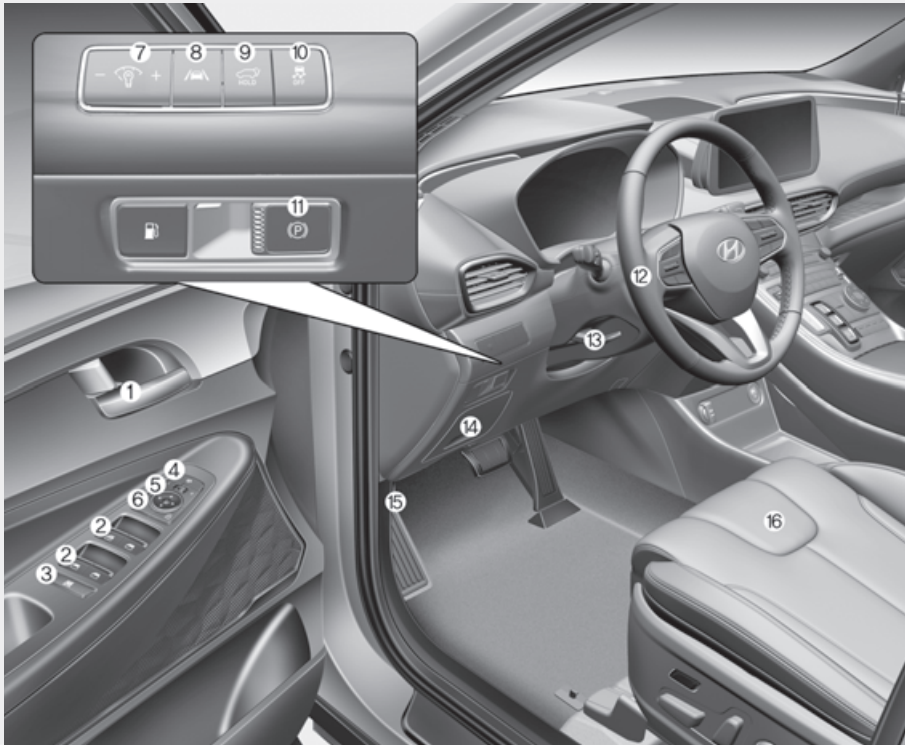
■ Rear view



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|                                |      |                                    |            |
|--------------------------------|------|------------------------------------|------------|
| 9. Door Handle.....            | 5-16 | 13. High mounted stop lamp .....   | 9-61       |
| 10. Fuel filler door.....      | 5-61 | 14. Rear window wiper blades ..... | 5-80, 9-28 |
| 11. Rear combination lamp..... | 9-58 | 15. Rear ultrasonic sensors .....  | 7-141      |
| 12. Tailgate .....             | 5-52 | 16. Antenna .....                  | 5-120      |
|                                |      | 17. Rear view camera .....         | 7-112      |

## INTERIOR OVERVIEW

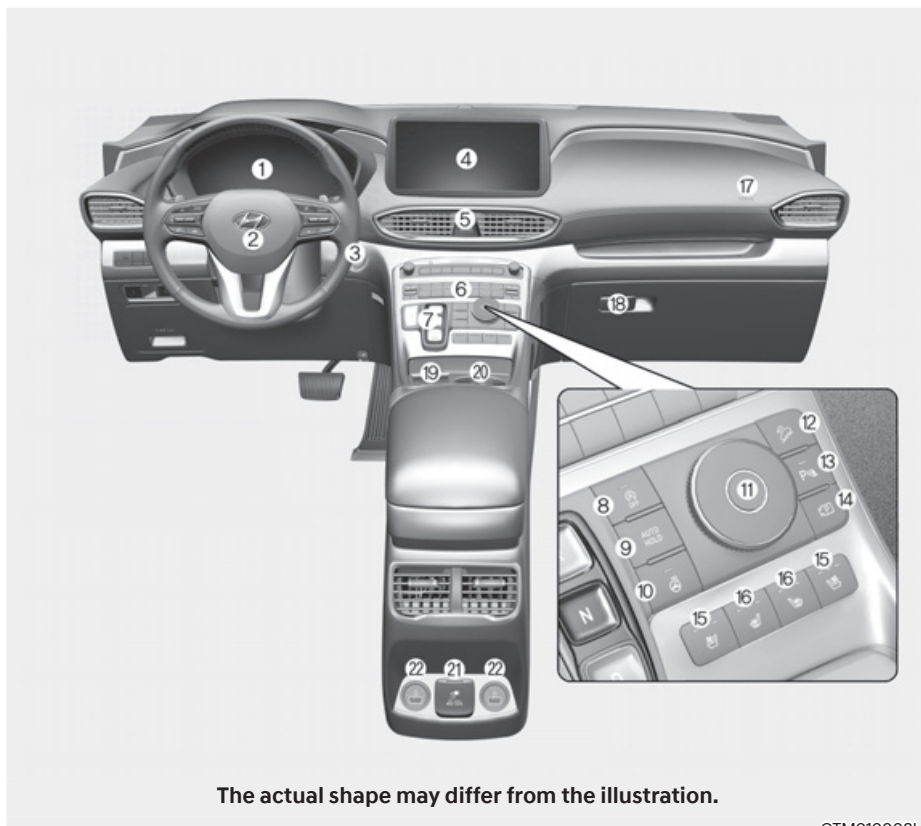


The actual shape may differ from the illustration.

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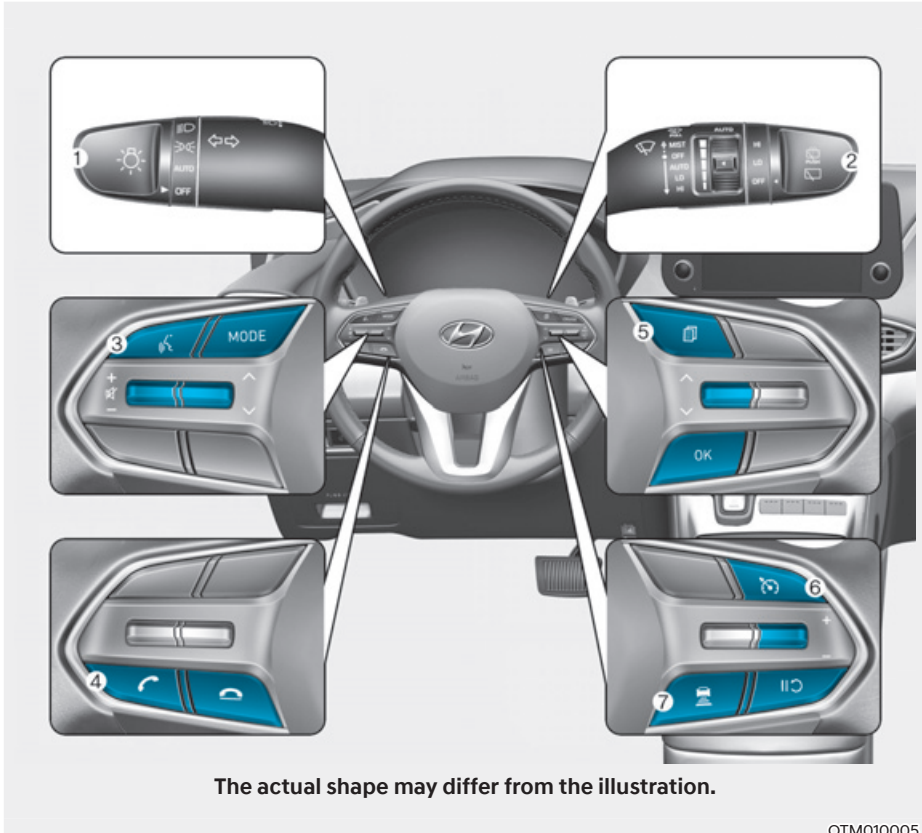
- |  |      |   |      |
|--|------|---|------|
| 1. Inside door handle.....                               | 5-17 | 10. ESC (Electronic Stability Control) OFF<br>button..... | 6-44 |
| 2. Power window switches .....                           | 5-42 | 11. EPB (Electronic Parking Brake)<br>switch .....        | 6-35 |
| 3. Power window lock button / .....                      | 5-44 | 12. Steering wheel.....                                   | 5-26 |
| Electronic child safety lock button.....                 | 5-20 | 13. Steering wheel tilt/telescopic switch...5-            | 27   |
| 4. Side view mirror folding button .....                 | 5-40 | 14. Fuse box.....   | 9-46 |
| 5. Side view mirror control switch .....                 | 5-40 | 15. Hood release lever.....                               | 5-51 |
| 6. Central door lock switch .....                        | 5-18 | 16. Seat.....   | 3-3  |
| 7. Instrument panel illumination control<br>switch ..... | 4-5  |   |      |
| 8. Lane Safety button .....                              | 7-31 |   |      |
| 9. Power Tailgate open/close button .....                | 5-54 |   |      |

## INSTRUMENT PANEL OVERVIEW (I)



- |                                       |            |  |              |
|---------------------------------------|------------|--|--------------|
| 1. Instrument cluster.....            | 4-4        | 12. DBC (Downhill Brake Control) button... | 6-48         |
| 2. Driver's front air bag.....        | 3-47       | 13. Parking Safety button.....             | 7-141, 7-144 |
| 3. Engine Start/Stop button.....      | 6-9        | 14. Parking/View button .....              | 7-112, 7-116 |
| 4. Infotainment system .....          | 5-120      | 15. Air ventilation seat button .....      | 3-20         |
| 5. Hazard warning lamp switch .....   | 8-2        | 16. Seat warmer.....                       | 3-19         |
| 6. Climate control system .....       | 5-81, 5-89 | 17. Passenger's front air bag .....        | 3-47         |
| 7. Shift button.....                  | 6-14, 6-23 | 18. Glove box .....                        | 5-106        |
| 8. ISG (Idle Stop and Go) button..... | 6-61       | 19. Wireless charging system pad.....      | 5-113        |
| 9. Auto Hold button.....              | 6-39       | 20. Cup holder .....                       | 5-108        |
| 10. Heated steering wheel button..... | 5-27       | 21. AC inverter .....                      | 5-111        |
| 11. Drive mode button / .....         | 6-66, 6-69 | 22. USB charger .....                      | 5-111        |
| Terrain mode button.....              | 6-72       |  |              |

## INSTRUMENT PANEL OVERVIEW (II)

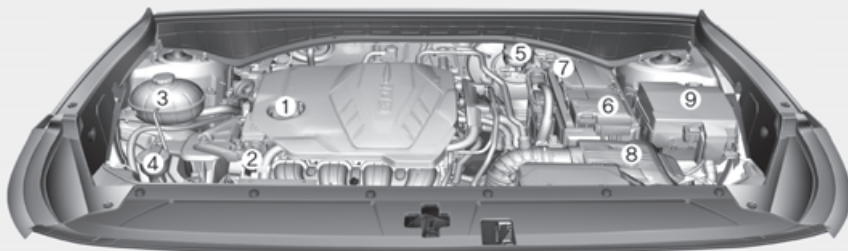


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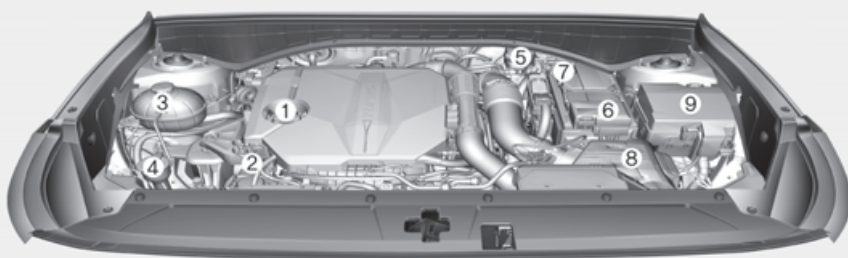
- |   |   |
|---|---|
| 1. Lighting control lever ..... 5-66            | 5. LCD display control ..... 4-29                         |
| 2. Wiper and washer control lever..... 5-77     | 6. Driving Assist button ..... 7-73, 7-78                 |
| 3. Voice recognition button ..... 5-121         | 7. Smart cruise control Vehicle Distance button..... 7-78 |
| 4. Bluetooth® hands-free phone button.... 5-122 |   |

## ENGINE COMPARTMENT

### ■ Smartstream G2.5 GDI



### ■ Smartstream G2.5 T-GDI



**The actual engine compartment in the vehicle may differ from the illustration.**

OTMA090001/OTMA090015

- |  |      |                         |      |
|--|------|-------------------------|------|
| 1. Engine oil filler cap .....             | 9-17 | 6. Battery terminal [+] | 9-30 |
| 2. Engine oil dipstick .....               | 9-17 | 7. Battery terminal [-] | 9-30 |
| 3. Engine coolant reservoir .....          | 9-19 | 8. Air cleaner .....    | 9-24 |
| 4. Windshield washer fluid reservoir ..... | 9-23 | 9. Fuse box .....       | 9-46 |
| 5. Brake fluid reservoir .....             | 9-22 |                         |      |

## DIMENSIONS

| Items          | mm (in.)                     |                              |
|----------------|------------------------------|------------------------------|
| Overall length | 4,785 (188.4)                |                              |
| Overall width  | 1,900 (74.8)                 |                              |
| Overall height | 2WD                          | 4WD                          |
|                | 1,685 (66.3) / 1,710 (67.3)* | 1,705 (67.1) / 1,730 (68.1)* |
| Tread          | Front                        | Rear                         |
|                | 18" / 19" : 1,646 (64.80)    | 18" / 19" : 1,656 (65.19)    |
|                | 20" : 1,637 (64.44)          | 20" : 1,647 (64.84)          |
| Wheelbase      | 2,765 (108.9)                |                              |

\* : if equipped with roof rack

## ENGINE

| Engine                  | Displacement<br>cc (cu. in) | Bore x Stroke<br>mm (in.) | Firing order | No. of cylinders |
|-------------------------|-----------------------------|---------------------------|--------------|------------------|
| Smartstream G 2.5 GDI   | 2,497<br>(152.4)            | 88.5 x 101.5<br>(3.5 x 4) | 1-3-4-2      | 4, in-line       |
| Smartstream G 2.5 T-GDI |                             |                           |              |                  |

## BULB WATTAGE

|                                   |                    | Light bulb                                 |         | Bulb type | Wattage |
|-----------------------------------|--------------------|--|---------|-----------|---------|
| Front                             | Type A             | Headlamp                                   | High    | LED       | LED     |
|                                   |                    |  | Low     | LED       | LED     |
|                                   |                    | Daytime running lamp (DRL) / position lamp |         | LED       | LED     |
|                                   |                    | Turn signal lamp                           |         | PY21W     | 21      |
|                                   | Type B             | Headlamp                                   | High    | LED       | LED     |
|                                   |                    |  | Low     | LED       | LED     |
|                                   |                    | Low beam assist                            |         | LED       | LED     |
|                                   |                    | Daytime running lamp (DRL) / position lamp |         | LED       | LED     |
| Turn signal lamp (Outside mirror) |                    | LED  | LED     |           |         |
| Turn signal lamp (Outside mirror) |                    | LED  | LED     |           |         |
| Rear                              | Type A             | Tail lamp                                  |         | W5W       | 5       |
|                                   |                    | Tail/Stop lamp                             |         | P21/5W    | 5/21    |
|                                   | Type B             | Tail lamp                                  |         | LED       | LED     |
|                                   |                    | Tail/Stop lamp                             |         | LED       | LED     |
|                                   | Turn signal lamp   |  | Type A  | PY21W     | 21      |
|                                   |                    |  | Type B  | LED       | LED     |
|                                   | Reverse lamp       |  | W16W    | 16        |         |
|                                   | License plate lamp |  | W5W     | 5         |         |
| High mounted stop lamp            |                    | LED  | LED     |           |         |
| Interior                          | Map lamp           |  | Type A  | W10W      | 10      |
|                                   |                    |  | Type B  | LED       | LED     |
|                                   | Room lamp          |  | FESTOON | 10        |         |
|                                   | Personnal lamp     |  | LED     | LED       |         |
|                                   | Glove box lamp     |  | W5W     | 5         |         |
|                                   | Sunvisor lamp      |  | FESTOON | 5         |         |
| Luggage compartment lamp          |                    | FESTOON                                    | 10      |           |         |

## TIRES AND WHEELS

| Items              | Tire size   | Wheel size | Inflation pressure<br>kPa (psi) |      |              |      | Wheel bolt torque<br>kgf·m (N·m) |
|--------------------|-------------|------------|---------------------------------|------|--------------|------|----------------------------------|
|                    |             |            | Normal load                     |      | Maximum load |      |                                  |
|                    |             |            | Front                           | Rear | Front        | Rear |                                  |
| Full size tire     | 235/60 R18  | 7.5J x 18  | 240(35)                         |      |              |      | 11~13 (107~127)                  |
|                    | 235/55 R19  | 7.5J x 19  |                                 |      |              |      |                                  |
|                    | 255/45 R20  | 8.5J x 20  |                                 |      |              |      |                                  |
| Compact spare tire | T135/90 D17 | 4.0B x 17  | 420(60)                         |      |              |      |                                  |

### NOTICE

- It is permissible to add 3 psi to the standard tire pressure specification if colder temperatures are expected soon.  
Tires typically lose 1psi (7kPa) for every 7°C temperature drop. If extreme temperature variations are expected, recheck your tire pressure as necessary to keep them properly inflated.
- Tire inflation pressures will vary with changes in elevation. If driving in areas of higher or lower elevation, be sure to check and adjust for proper tire inflation.

### 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.
- When replacing tires, ALWAYS use the same size, type, construction and tread pattern supplied with the vehicle for all tires.

## AIR CONDITIONING SYSTEM

| Items                |         | Weight of volume |       | Classification          |          |
|----------------------|---------|------------------|-------|-------------------------|----------|
| Refrigerant          | g (oz.) | R1234yf          | Front | 625 (22.05) ± 25 (0.88) | R-1234yf |
| Compressor lubricant | g (oz.) | Front            |       | 100 (3.5) ± 10 (0.35)   | PAG      |
|                      |         | Front + Rear     |       | 210 (7.4) ± 10 (0.35)   |          |

Contact an authorized HYUNDAI dealer for more details.

## VOLUME AND WEIGHT


| Items                |           | Smartstream G2.5 GDi |                  | Smartstream G2.5 T-GDi |                  |
|----------------------|-----------|----------------------|------------------|------------------------|------------------|
|                      |           | 2WD                  | 4WD              | 2WD                    | 4WD              |
| Gross vehicle weight | kg (lbs.) | 2,330<br>(5,137)     | 2,380<br>(5,247) | 2,380<br>(5,247)       | 2,430<br>(5,357) |

| Luggage volume |                |  |
|----------------|----------------|--|
| Items          |                | 5-Seater   |
| SAE            | BEHIND 1ST ROW | 2,041 (72.1) ~ *2,396 (84.6)<br>(*Forward and upright seat position) |
|                | BEHIND 2ND ROW | 1,032 (36.4) ~ *1,075 (37.9)<br>(*upright seat position)             |

## 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<br>(drain and refill)<br>Recommends<br> | Smartstream G2.5 GDI   | 5.8 ℓ<br>(6.13 US qt.) | API Latest (SN PLUS), 0W-20 / ACEA C5 or above                             |   |
|   | Smartstream G2.5 T-GDI |                        | API SN PLUS / SP or ILSAC GF-6 / 0W-30                                     |   |
| Automatic transmission fluid  | Smartstream G2.5 GDI   | 6.5 ℓ<br>(6.87 US qt.) | MICHANG ATF SP-IV, SK ATF SP-IV, NOCA ATF SP-IV, HYUNDAI genuine ATF SP-IV |   |
| Dual clutch transmission fluid  | Smartstream G2.5 T-GDI | Gear oil               | 3.3 ~ 3.4 ℓ<br>(3.49 ~ 3.59 US qt.)  | SAE 70W, API GL-4, WDGO-1 GS WDCTF HD G 70W (GS CALTEX) |
|   |                        | Control oil            | 2.45 ~ 2.50 ℓ<br>(2.59 ~ 2.64 US qt.)                                      | SAE 70W, API GL-4, WDHO-1 GS WDCTF HD H 70W (GS CALTEX) |

\*1: Refer to the recommended SAE viscosity numbers.

| Lubricant                   |                        | Volume                                | Classification  |
|-----------------------------|------------------------|---------------------------------------|---|
| Coolant                     | Smartstream G2.5 GDI   | 7.1 ℓ<br>(7.5 US qt.)                 | Mixture of antifreeze and water (Phosphate-based Ethylene glycol coolant for aluminum radiator) |
|                             | Smartstream G2.5 T-GDI | 7.73 ℓ<br>(8.17 US qt.)               |   |
| Brake fluid                 |                        | As required                           | DOT-4   |
| Rear differential oil (4WD) |                        | 0.53 ~ 0.63 ℓ<br>(0.56 ~ 0.67 US qt.) | HYPOID GEAR OIL API GL-5, SAE 75W/85 (SK HCT-5 GEAR OIL 75W/85 or EQUIVALENT)                   |
| Transfer case oil (4WD)     | DCT                    | 0.48 ~ 0.52 ℓ<br>(0.51 ~ 0.55 US qt.) |   |
|                             | A/T                    | 0.62 ~ 0.68 ℓ<br>(0.66 ~ 0.72 US qt.) |   |
| Fuel                        |                        | 67 ℓ<br>(70.8 US qt.)                 | Refer to “Fuel requirements” in chapter 1.  |

DCT : Dual clutch transmission

A/T : Automatic transmission

## 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.

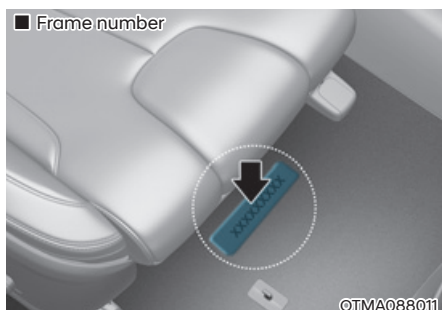
| Temperature Range for SAE Viscosity Numbers |                        |       |     |     |     |    |    |    |     |     |    |
|---|------------------------|-------|-----|-----|-----|----|----|----|-----|-----|----|
| Temperature                                 |                        | °C    | -30 | -20 | -10 | 0  | 10 | 20 | 30  | 40  | 50 |
|   |                        | (°F)  | -10 | 0   | 20  | 40 | 60 | 80 | 100 | 120 |    |
| Engine Oil *1                               | Smartstream G2.5 GDI   | 0W-20 |     |     |     |    |    |    |     |     |    |
|   | Smartstream G2.5 T-GDI | 0W-30 |     |     |     |    |    |    |     |     |    |

\*1: Requires <API SN PLUS (or above) Full synthetic> grade engine oil.



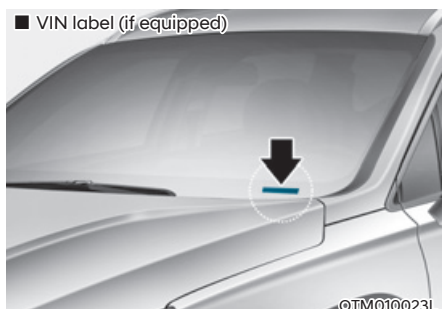
An engine oil displaying this API Certification Mark conforms to the international Lubricant Specification Advisory Committee (ILSAC). It is recommended to only use engine oils that uphold this API Certification Mark.

## VEHICLE IDENTIFICATION NUMBER (VIN)



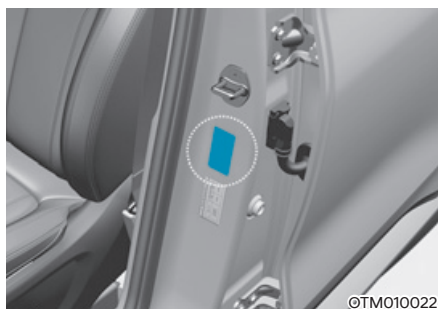
The vehicle identification number (VIN) is the number used in registering your vehicle and in all legal matters pertaining to its ownership, etc.

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



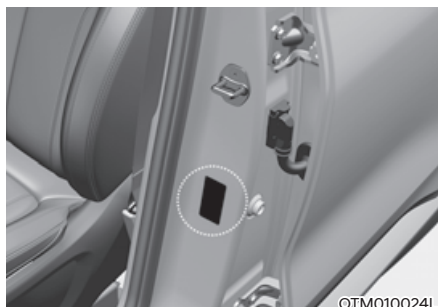
The VIN is also on a plate attached to the top of the left side dashboard. The number on the plate can easily be seen through the windshield from outside.

## 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



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.



## REPORTING SAFETY DEFECTS

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform Transport Canada (TC) in addition to notifying HYUNDAI AUTO CANADA CORP.

**Mailing Address:**

Transport Canada - ASFAD  
330 Sparks Street  
Ottawa, ON  
K1A 0N5

Telephone: 819-994-3328 (Ottawa-Gatineau area or internationally)

Toll free: 1-800-333-0510 (in Canada)

**Online:**

<http://www.tc.gc.ca/recalls>

If TC receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, TC cannot become involved in individual problems between you, your dealer, or HYUNDAI AUTO CANADA CORP.