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Specifications

These specifications are subject to change without notice.

■ Dimensions

Item		Non-turbo models	Turbo models
Overall length		181.5 (4,610)	180.9 (4,595)
Overall width		70.7 (1,795)	
Overall height		68.3 (1,735)* ² 67.7 (1,720)* ³	
Wheel base		103.9 (2,640)	
Tread	Front	60.8 (1,545)	
	Rear	61.2 (1,555)	
Ground clearance* ¹		8.7 (220)	

*1: Measured with vehicle empty
*2: Models with roof rails
*3: Models without roof rails

■ Engine

Engine model	FB25 (2.5 L, DOHC, non-turbo)	FA20 (2.0 L, DOHC, turbo)
Engine type	Horizontally opposed, liquid cooled 4 cylinder, 4-stroke petrol engine	
Displacement cu-in (cc)	152 (2,498)	122 (1,998)
Bore × Stroke in (mm)	3.70 × 3.54 (94.0 × 90.0)	3.39 × 3.39 (86.0 × 86.0)
Compression ratio	10.3 : 1	10.6 : 1
Firing order	1 – 3 – 2 – 4	

■ Fuel

Model	Fuel	Fuel tank capacity
Non-turbo models	Unleaded gasoline with 87 AKI (90 RON) or higher	15.9 US gal (60 liters, 13.2 Imp gal)
Turbo models	Unleaded gasoline with 91 AKI (95 RON) or higher	

For more details, refer to "Fuel" 7-3.

■ Engine oil

For the checking, adding and replacing procedure or other details, refer to “Engine oil” 11-10.

NOTE

The procedure for changing the engine oil and oil filter should be performed by a properly-trained expert. It is recommended that you have this service performed by your SUBARU dealer.

▼ Approved engine oil

We recommend that you always use SUBARU approved engine oil. For further details, please contact your SUBARU dealer. If the approved engine oil is unavailable, use the alternative engine oil described on the next page.

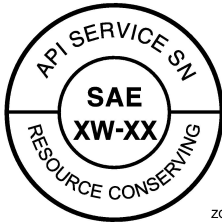

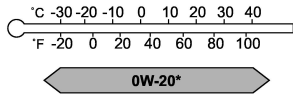
▼ Alternative engine oil

If SUBARU approved oil is unavailable, the following alternative oil can be used.



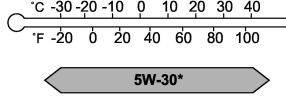
NOTE

Each quantity indicated here is only a guideline. The necessary quantity for replacement may differ slightly depending on the temperature and other factors.

▽ Non-turbo models

Oil grade	SAE viscosity No. and applicable temperature	Engine oil capacity
 <p>API (American Petroleum Institute) classification SN with the words "RESOURCE CONSERVING"</p> <p>ZOM0377</p> <p>or</p>  <p>ILSAC GF-5, which can be identified with the ILSAC certification mark (Starburst mark)</p> <p>ZOM0293</p>	<p>0W-20 synthetic oil is the required oil for optimum engine performance and protection. Conventional oil may be used if synthetic oil is unavailable.</p> <p>*: If 0W-20 synthetic oil is not available, 5W-30 or 5W-40 conventional oil may be used if replenishment is needed but should be changed to 0W-20 synthetic oil at the next oil change.</p>  <p>0W-20*</p> <p>ZOM0294</p>	<ul style="list-style-type: none"> Adding the oil from low level to full level: 1.1 US qt (1.0 liter, 0.9 Imp qt) Changing the oil and oil filter: 5.1 US qt (4.8 liters, 4.2 Imp qt)

▽ Turbo models

Oil grade	SAE viscosity No. and applicable temperature	Oil capacity
<div data-bbox="118 323 341 546">  <p>API SERVICE SN SAE XW-XX RESOURCE CONSERVING</p> <p>ZOM0377</p> </div> <div data-bbox="405 472 437 493">or</div> <div data-bbox="485 334 708 557">  <p>AMERICAN PETROLEUM INSTITUTE FOR GASOLINE ENGINES CERTIFIED</p> <p>ZOM0293</p> </div> <div data-bbox="73 557 373 642"> <p>API (American Petroleum Institute) classification SN with the words "RESOURCE CONSERVING"</p> </div> <div data-bbox="437 568 756 632"> <p>ILSAC GF-5, which can be identified with the ILSAC certification mark (Starburst mark)</p> </div>	<p>5W-30 synthetic oil is required for optimum engine performance and protection. Conventional oil may be used if synthetic oil is unavailable.</p> <p>*: If 5W-30 synthetic oil is not available, 5W-30 or 5W-40 conventional oil may be used if replenishment is needed but should be changed to 5W-30 synthetic oil at the next oil change.</p> <div data-bbox="804 536 1091 632">  <p>°C -30 -20 -10 0 10 20 30 40 °F -20 0 20 40 60 80 100</p> <p>5W-30*</p> <p>ZOM0296</p> </div>	<ul style="list-style-type: none"> – Adding the oil from L to F level: 1.1 US qt (1.0 liter, 0.9 Imp qt) – Changing the oil and oil filter: 5.4 US qt (5.1 liters, 4.5 Imp qt)

■ Manual transmission, front differential and rear differential gear oil

Oil	Manual transmission oil	Front differential gear oil (CVT models)	
Oil grade	<ul style="list-style-type: none"> SUBARU Extra MT*³ API classification GL-5 (75W-90)*⁴ 	<ul style="list-style-type: none"> SUBARU Extra MT*³ API classification GL-5 (75W-90) 	
Oil capacity* ¹	3.5 US qt (3.3 liters, 2.9 Imp qt)	Non-turbo models	1.3 US qt (1.2 liters, 1.1 Imp qt)
		Turbo models	1.5 US qt (1.4 liters, 1.2 Imp qt)
Remarks* ²	"Manual transmission oil" ☞ 11-17	"Front differential gear oil (CVT models) and rear differential gear oil" ☞ 11-17	

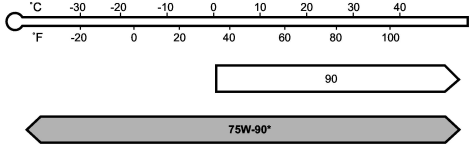
*1: The indicated oil quantity is only a guideline. The necessary quantity for replacement may differ slightly depending on the temperature and other factors. After refilling the gearbox with oil, the oil level should be checked.

*2: For more details about maintenance and service, refer to the indicated section.

*3: Equivalent to factory-filled oil.

*4: You may use this type of manual transmission oil. However, using this type of oil will detract from driveability and fuel efficiency.

12-8 Specifications/Specifications

Oil	Rear differential gear oil
Oil grade	API classification GL-5
SAE viscosity No. and applicable temperature	<ul style="list-style-type: none"> • 75W-90* • 90  <p style="text-align: right;">ZOM0450</p>
	*: Recommended
Oil capacity* ¹	0.8 US qt (0.8 liters, 0.7 Imp qt)
Remarks* ²	"Front differential gear oil (CVT models) and rear differential gear oil" ☞ 11-17

*1: The indicated oil quantity is only a guideline. The necessary quantity for replacement may differ slightly depending on the temperature and other factors. After refilling the gearbox with oil, the oil level should be checked.

*2: For more details about maintenance and service, refer to the indicated section.

■ Fluids

Fluid	Fluid type* ¹	Fluid capacity* ²	Remarks* ³
Continuously variable transmission fluid (CVT models)	Consult your SUBARU dealer.	Non-turbo models: 12.6 US qt (11.9 liters, 10.5 Imp qt) Turbo models: 13.1 US qt (12.4 liters, 10.9 Imp qt)	"Continuously variable transmission fluid" 11-17
Brake fluid	FMVSS No. 116, DOT 3 or DOT 4 brake fluid	—	"Brake fluid" 11-18
Clutch fluid (MT models)	FMVSS No. 116, DOT 3 or DOT 4 brake fluid	—	"Clutch fluid (MT models)" 11-19

*1: Use one of the indicated types of fluid.

*2: The indicated fluid quantity is only a guideline. The necessary quantity for replacement may differ slightly depending on the temperature and other factors.

*3: For more details about maintenance and service, refer to the indicated section.

■ Engine coolant

Vehicle model		Coolant capacity	Coolant type
Non-turbo models	MT models	7.8 US qt (7.4 liters, 6.5 Imp qt)	SUBARU Super Coolant
	CVT models	8.1 US qt (7.7 liters, 6.8 Imp qt)	
Turbo models	CVT models	9.5 US qt (9.0 liters, 7.9 Imp qt)	

The indicated coolant quantity is only a guideline. The necessary quantity for replacement may differ slightly depending on the temperature and other factors. For more details about maintenance and service, refer to "Cooling system" 11-12.

■ Electrical system

Battery type	Mexico-spec. models	55D23L
	Other models	75D23L
Alternator	Non-turbo models	12V-150A
	Turbo models	12V-130A
Spark plugs	Non-turbo models	SILZKAR7B11 (NGK)
	Turbo models	ILKAR8H6 (NGK)

■ Tires

Vehicle model		Non-turbo models		Turbo models
Tire size		P225/60R17 98H	P225/55R18 97H	P225/55R18 97H
Wheel size		17 × 7J	18 × 7J	18 × 7J
Pressure	Front	30 psi (210 kPa, 2.1 kgf/cm ²)	32 psi (220 kPa, 2.2 kgf/cm ²)	33 psi (230 kPa, 2.3 kgf/cm ²)
	Rear	29 psi (200 kPa, 2.0 kgf/cm ²)	30 psi (210 kPa, 2.1 kgf/cm ²)	32 psi (220 kPa, 2.2 kgf/cm ²)
Wheel nut tightening torque		89 lbf-ft (120 N·m, 12 kgf·m)* ¹		

*1: This torque is equivalent to applying approximately 88 to 110 lbf (40 to 50 kgf) at the end of the wheel nut wrench. If you have tightened the wheel nuts by yourself, have the tightening torque checked at the nearest automotive service facility as soon as possible. For the wheel nut tightening procedure, refer to "Changing a flat tire" 9-5.

■ Temporary spare tires

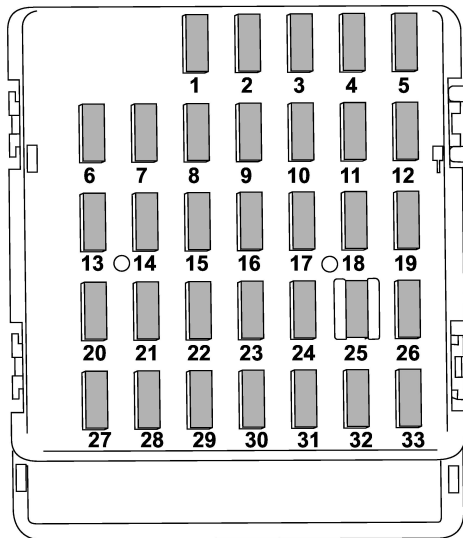
Temporary spare tire size	T145/80D17	185/65R17
Temporary spare tire inflation pressure (recommended cold tire inflation pressure)	60 psi (420 kPa, 4.2 kgf/cm ²)	33 psi (230 kPa, 2.3 kgf/cm ²)

■ Brake disc

If you need information on the usage limit value of brake discs and the method for measuring them, we recommend that you consult your SUBARU dealer.

Fuses and circuits

■ Fuse panel located in the passenger compartment



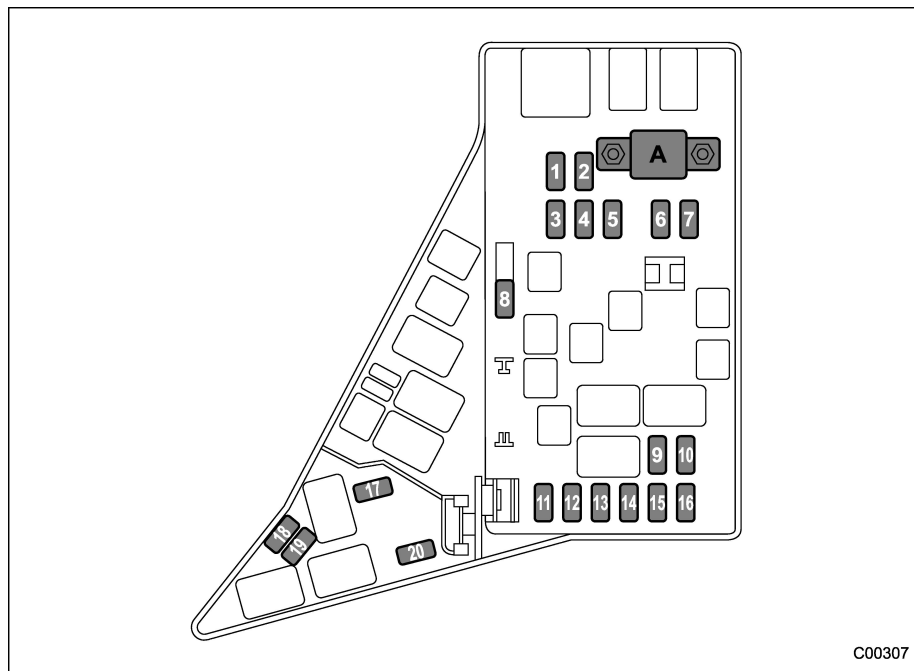
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Fuse panel	Fuse rating	Circuit
1	20A	● Trailer hitch connector
2	15A	● Rear seat heater
3	15A	● Door locking
4	10A	● Front wiper deicer relay
5	10A	● Combination meter
6	7.5A	● Remote control rear view mirrors ● Seat heater relay
7	15A	● Combination meter ● Integrated unit
8	10A	● Stop light
9	15A	● Front wiper deicer
10	7.5A	● D-OP +B
11	7.5A	● Turn signal unit
12	15A	● Transmission control unit ● Engine control unit ● Integrated unit
13	20A	● Accessory power outlet (center console)
14	15A	● Parking light ● Tail light ● Rear combination light

Fuse panel	Fuse rating	Circuit
15	10A	<ul style="list-style-type: none"> Luggage light Keyless unit
16	7.5A	<ul style="list-style-type: none"> Illumination
17	15A	<ul style="list-style-type: none"> Seat heaters
18	10A	<ul style="list-style-type: none"> Backup light
19	7.5A	<ul style="list-style-type: none"> Wiper relay
20	10A	<ul style="list-style-type: none"> Accessory power outlet (instrument panel)
21	10A	<ul style="list-style-type: none"> Starter relay
22	7.5A	<ul style="list-style-type: none"> Air conditioner Rear window defogger relay coil
23	Empty	
24	10A	<ul style="list-style-type: none"> Audio unit Navigation system (if equipped)
25	15A	<ul style="list-style-type: none"> SRS airbag system
26	Empty	
27	15A	<ul style="list-style-type: none"> Blower fan
28	15A	<ul style="list-style-type: none"> Blower fan
29	15A	<ul style="list-style-type: none"> Fog light
30	Empty	

Fuse panel	Fuse rating	Circuit
31	7.5A	<ul style="list-style-type: none"> Auto air conditioner unit Integrated unit
32	7.5A	<ul style="list-style-type: none"> Clutch switch Steering lock control unit
33	7.5A	<ul style="list-style-type: none"> Vehicle Dynamics Control unit

■ Fuse panel located in the engine compartment



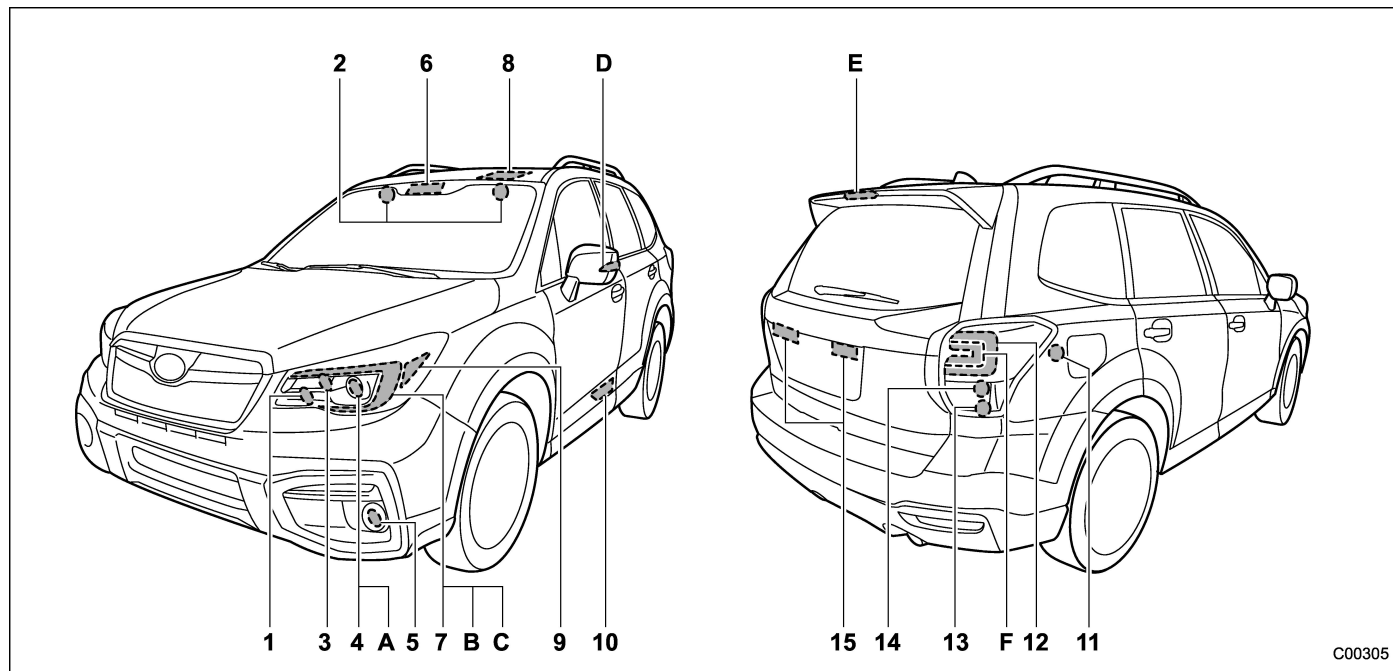
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A) Main fuse

Fuse panel	Fuse rating	Circuit
1	30A	<ul style="list-style-type: none"> • ABS unit • Vehicle Dynamics Control unit
2	25A	<ul style="list-style-type: none"> • Main fan (cooling fan)
3	25A	<ul style="list-style-type: none"> • Sub fan (cooling fan)
4	Empty	
5	25A	<ul style="list-style-type: none"> • Audio
6	30A	<ul style="list-style-type: none"> • Headlight (low beam)
7	15A	<ul style="list-style-type: none"> • Headlight (high beam)
8	20A	<ul style="list-style-type: none"> • Back-up
9	15A	<ul style="list-style-type: none"> • Horn
10	25A	<ul style="list-style-type: none"> • Rear window defogger • Mirror heater
11	20A	<ul style="list-style-type: none"> • Fuel pump
12	20A	<ul style="list-style-type: none"> • Continuously variable transmission control unit
13	7.5A	<ul style="list-style-type: none"> • Engine control unit
14	15A	<ul style="list-style-type: none"> • Turn and hazard warning flasher
15	15A	<ul style="list-style-type: none"> • Tail and illumination relay
16	7.5A	<ul style="list-style-type: none"> • Alternator

Fuse panel	Fuse rating	Circuit
17	Empty	
18	Empty	
19	15A	● Headlight (low beam – right hand)
20	15A	● Headlight (low beam – left hand)

Bulb chart



C00305

NOTE

Lights A, B, C, D, E and F are the LED (Light Emitting Diode) type. Consult your SUBARU dealer for replacement.

	Wattage	Bulb No.
1) High beam headlight/Daytime running light (models with halogen light)	12V-60W	HB3
2) Vanity mirror light	12V-2W	—
3) Front turn signal light	12V-28W/8W*1	7444NA
4) Low beam headlight (models with halogen light)	12V-55W	H11
5) Front fog light		
Models without steering responsive fog lights system	12V-19W	H16
Models with steering responsive fog lights system	12V-55W	H11
6) Map light	12V-8W	—
7) Parking light (models with halogen light)*2	12V-5W	W5W
8) Dome light	12V-8W	—
9) Front side marker light	12V-5W	W5W
10) Door step light	12V-5W	W5W
11) Cargo area light	12V-5W	W5W
12) Tail light (This light is also used as the rear side marker light)	12V-5W	W5W
13) Backup light	12V-16W	W16W
14) Rear turn signal light	12V-21W	WY21W
15) License plate light	12V-5W	W5W

12-18 Specifications/Bulb chart

	Wattage	Bulb No.
A) Low/High beam headlight (models with LED light)	—	—
B) Parking light (models with LED light)	—	—
C) Daytime running light (models with LED light)	—	—
D) Side turn signal light (if equipped)	—	—
E) High-mounted stop light	—	—
F) Stop light	—	—

*1: Only 28W illuminates

*2: The bulbs used for the parking light emit light that is whiter than conventional bulbs. Consult your SUBARU dealer for replacement.



WARNING

Bulbs may become very hot while illuminated. Before replacing bulbs, turn off the lights and wait until the bulbs cool down. Otherwise, there is a risk of sustaining a burn injury.



CAUTION

Replace any bulb only with a new bulb of the specified wattage. Using a bulb of different wattage could result in a fire.

Vehicle identification

- 1) Vehicle identification number (under the floor carpet of the right-hand front seat)
- 2) Emission control label
- 3) Tire inflation pressure label
- 4) Certification label
- 5) Vehicle identification number plate
- 6) Model number label
- 7) Fuel label
- 8) Air conditioner label

