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Specifications

These specifications are subject to change without notice.

■ Dimensions

		in (mm)					
Item		Legacy			Outback		
		2.5 L		3.6 L	2.5 L		3.6 L
Drive system		AWD					
Transmission type		MT	CVT	CVT	MT	CVT	CVT
Overall length		188.8 (4,796)			189.6 (4,817)		
Overall width		72.4 (1,840)			72.4 (1,840)		
Overall height		59.0 (1,500)			66.1 (1,680)		
Wheelbase		108.3 (2,750)			108.1 (2,745)		
Tread	Front	62.2 (1,580)			61.8 (1,570)		
	Rear	62.8 (1,595)			62.2 (1,580)		
Ground clearance*1		5.9 (150)			8.7 (220)		

*1: Measured with vehicle empty

MT: Manual transmission

CVT: Continuously variable transmission

AWD: All-Wheel Drive

■ **Engine**

Engine model	FB25 (2.5 L, DOHC, non-turbo)	EZ36 (3.6 L, DOHC, non-turbo)
Engine type	Horizontally opposed, liquid cooled 4 cylinder, 4 stroke gasoline engine	Horizontally opposed, liquid cooled 6 cylinder, 4 stroke gasoline engine
Displacement cu-in (cc)	152.4 (2,498)	221.5 (3,630)
Bore × Stroke in (mm)	3.7 × 3.5 (94.0 × 90.0)	3.62 × 3.58 (92.0 × 91.0)
Compression ratio	10.3 : 1	10.5 : 1
Firing order	1 – 3 – 2 – 4	1 – 6 – 3 – 2 – 5 – 4

■ **Fuel**

Fuel requirement	Fuel tank capacity
Unleaded gasoline with 87 AKI (90 RON) or higher	18.5 US gal (70 liters, 15.4 Imp gal)

■ Engine oil

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

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

Always use the 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.



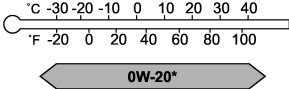
▼ Alternative engine oil

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



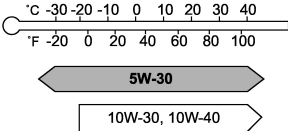
NOTE

- Each quantity indicated is only a guideline. The necessary quantity for replacement may differ slightly depending on the temperature and other factors.
- In choosing an oil, you want the proper quality and viscosity, as well as one that will enhance fuel economy. Oils of lower viscosity provide better fuel economy. However, in hot weather, oil of higher viscosity is required to properly lubricate the engine. The following table lists the recommended viscosities and applicable temperatures.
- When adding oil, different brands may be used together as long as they are the same API classification and SAE viscosity as those recommended by SUBARU.

▽ 2.5 L models

Oil grade	SAE viscosity No. and applicable temperature	Engine oil capacity
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>ZOM0377</p> </div> <p>or</p> <div style="text-align: center;">  <p>ZOM0293</p> </div> </div> <p>API (American Petroleum Institute) classification SM with the words "ENERGY CONSERVING" or SN with the words "RESOURCE CONSERVING"</p> <p>ILSAC (International Lubricant Specification Advisory Committee) GF-4 or GF-5, which can be identified with the ILSAC certification mark (Starburst mark)</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> <div style="text-align: center;">  </div> <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)

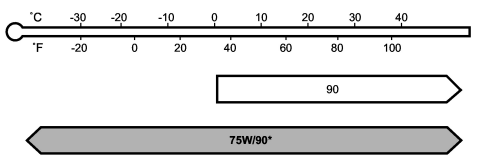
▽ 3.6 L models

Oil grade	SAE viscosity No. and applicable temperature	Engine oil capacity
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>ZOM0377</p> <p>API (American Petroleum Institute) classification SM with the words "ENERGY CONSERVING" or SN with the words "RESOURCE CONSERVING"</p> </div> <div style="text-align: center;"> <p>or</p>  <p>ZOM0293</p> <p>ILSAC (International Lubricant Specification Advisory Committee) GF-4 or GF-5, which can be identified with the ILSAC certification mark (Starburst mark)</p> </div> </div>	<p>Your vehicle is designed to use 5W-30 conventional motor oil, however 5W-30 synthetic may be used for optimum engine performance.</p> <p>If 5W-30 synthetic oil is not available, 10W-30 or 10W-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 style="text-align: center;">  <p>ZOM0359</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: 6.9 US qt (6.5 liters, 5.7 Imp qt)

■ Engine oil filter

Model	Oil filter color	Part number	Amount of rotation
2.5 L models	Blue	15208AA15A	7/8 rotation
3.6 L models	Black	15208AA031	3/4 rotation

Manual transmission, front differential and rear differential gear oil

Oil	Manual transmission oil	Front differential gear oil (CVT models)	Rear differential gear oil
Oil grade	<ul style="list-style-type: none"> • SUBARU Extra MT*³ • API classification GL-5 (75W-90)*⁴ 		API classification GL-5
SAE viscosity No. and applicable temperature	—		<ul style="list-style-type: none"> • 75W/90* • 90  <p style="text-align: right;">ZOM0394</p> <p style="text-align: center;">*: recommended</p>
Oil capacity* ¹	3.5 US qt (3.3 liters, 2.9 Imp qt)	2.5 L models: 1.3 US qt (1.2 liters, 1.1 Imp qt) 3.6 L models: 1.5 US qt (1.4 liters, 1.2 Imp qt)	0.8 US qt (0.8 liters, 0.7 Imp qt)
Remarks* ²	"Manual transmission oil" [Ⓔ] 11-18	"Front differential gear oil (CVT models) and rear differential gear oil" [Ⓔ] 11-19	"Front differential gear oil (CVT models) and rear differential gear oil" [Ⓔ] 11-19

*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: The vehicle is filled at the factory with this type of manual transmission oil/front differential gear oil.

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

■ Fluids

Fluid	Fluid type*1	Fluid capacity*2	Remarks*3
Continuously variable transmission fluid (CVT models)	Consult your SUBARU dealer.	2.5 L models: 12.0 US qt (11.4 liters, 10.0 Imp qt) 3.6 L models: 13.4 US qt (12.7 liters, 11.2 Imp qt)	"Continuously variable transmission fluid" ☞ 11-19
Brake fluid	FMVSS No. 116, fresh DOT 3 or DOT 4 brake fluid	–	"Brake fluid" ☞ 11-19
Clutch fluid (MT models)	FMVSS No. 116, fresh DOT 3 or DOT 4 brake fluid	–	"Clutch fluid (MT models)" ☞ 11-20

*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
2.5 L models	MT models	8.0 US qt (7.6 liters, 6.7 Imp qt)	SUBARU Super Coolant
	CVT models	8.2 US qt (7.8 liters, 6.9 Imp qt)	
3.6 L models		7.4 US qt (7.0 liters, 6.2 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" ☞ 11-14.

■ Electrical system

Battery type and capacity (5HR)	2.5 L models	55D23R (12V-48AH)
	3.6 L models	75D23R (12V-52AH)
Alternator	12V-130A	
Spark plugs	2.5 L models	SILZKAR7B11 (NGK)
	3.6 L models	SILFR6C11 (NGK)

■ Tires

Tire size		225/55R17 97V	225/50R18 95H	225/65R17 102H	225/60R18 100H
Wheel size		17 × 7 1/2J	18 × 7 1/2J	17 × 7J	18 × 7J
Pressure	Front	33 psi (230 kPa, 2.3 kgf/cm ²)		35 psi (240 kPa, 2.4 kgf/cm ²)	
	Rear	32 psi (220 kPa, 2.2 kgf/cm ²)		33 psi (230 kPa, 2.3 kgf/cm ²)	
Temporary spare tire	Size	T155/70 D17		T155/80 R17	
	Pressure	60 psi (420 kPa, 4.2 kgf/cm ²)			
Wheel nut tightening torque	89 lbf-ft (120 N·m, 12 kgf·m) ^{*1}				

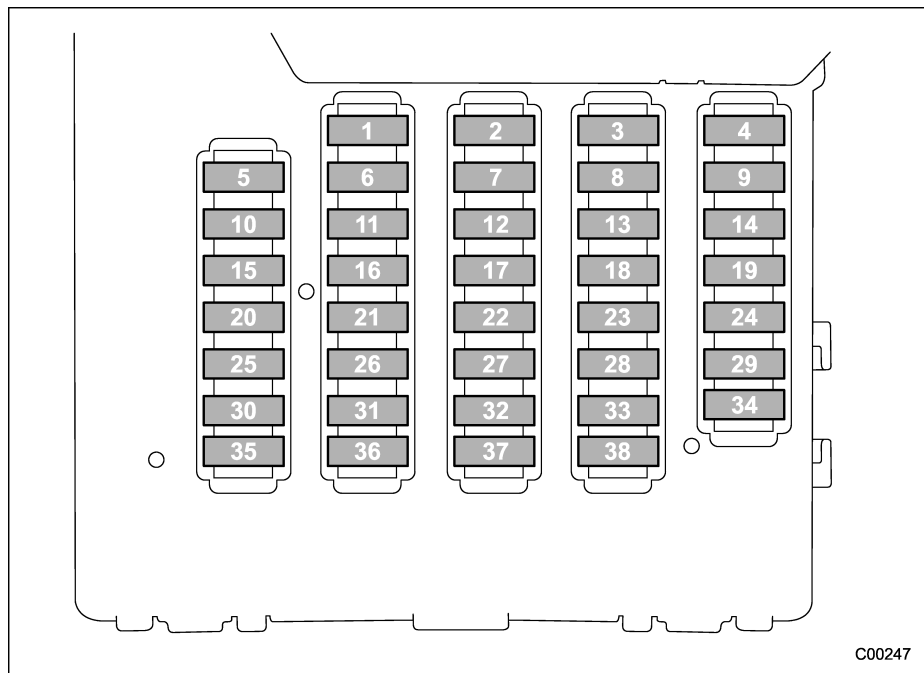
*1: This torque is equivalent to applying approximately 88 to 110 lbf (40 to 50 kgf) at the end of the wheel nut wrench. If you have tightened the wheel nuts by yourself, have the tightening torque checked at the nearest automotive service facility as soon as possible. For the wheel nut tightening procedure,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

■ Brake disc

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

Fuses and circuits

■ Fuse panel located in the passenger compartment

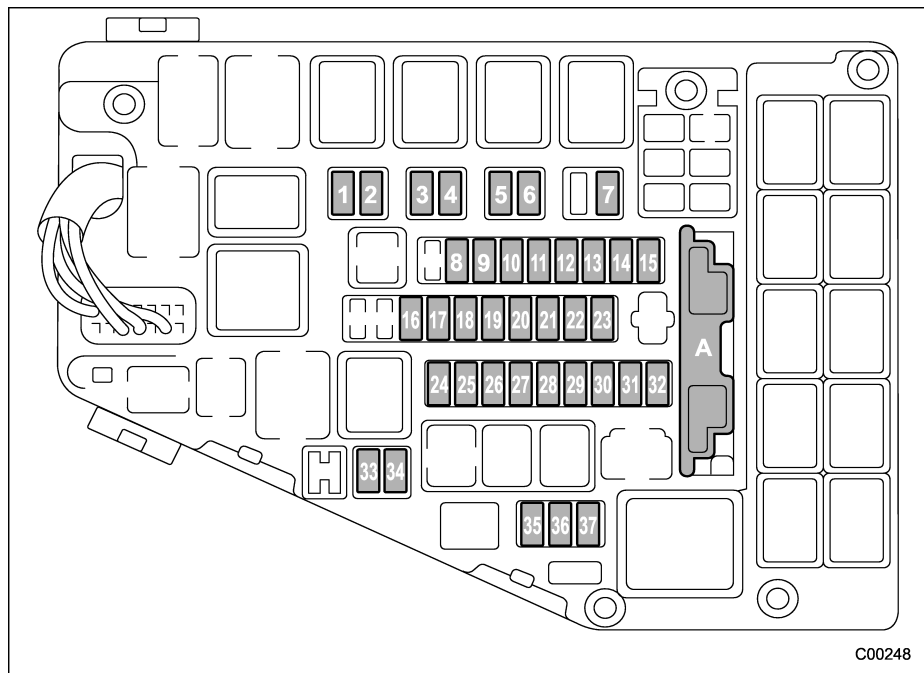


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Fuse panel	Fuse rating	Circuit
1	7.5A	START1
2	20A	12V SOCKET
3	7.5A	IG1-1
4	15A	AUDIO NAVI
5	15A	UNIT IG2-2
6	20A	P/W R.LH
7	10A	CIGAR
8	15A	A/C IG
9	7.5A	ACC
10	7.5A	UNIT IG2-1
11	30A	P/W MAIN1
12	7.5A	START2
13		Empty
14	7.5A	UNIT+B
15	7.5A	METER IG
16	20A	P/W R.RH
17	7.5A	MIR
18	7.5A	LAMP IG
19	7.5A	IG1-2
20	10A	SRS AIR BAG
21	20A	P/W PASS1
22	15A	SEAT HTR R

Fuse panel	Fuse rating	Circuit
23	10A	DRL
24	20A	P/W MAIN2
25	Empty	
26	10A	BACK UP
27	20A	WIPER DEICER
28	20A	TRAIL R.FOG
29	20A	P/W PASS2
30	Empty	
31	7.5A	SMT
32	15A	SEAT HTR F
33	7.5A	KEY SW
34	7.5A	D_OP+B
35	20A	SUN ROOF
36	Empty	
37	7.5A	STOP
38	7.5A	EYE SIGHT

■ Fuse panel located in the engine compartment



A) Main fuse

Fuse panel	Fuse rating	Circuit
1	7.5A	HORN RH
2	7.5A	HORN LH
3	10A	ILLUMI
4	10A	TAIL
5	15A	H/L LO RH
6	15A	H/L LO LH
7	10A	H/L HI LH
8	15A	D/L
9	10A	H/L HI RH
10	7.5A	ALT-S
11	20A	FUEL
12	15A	HAZARD
13	30A	IG2
14	7.5A	PU B/UP
15	7.5A	OBD
16	20A ^{*1} 25A ^{*2}	O2 HTR
17	15A	E/G2
18	15A	ETC
19	15A	E/G1

*1: 2.5 L models

*2: 3.6 L models

Fuse panel	Fuse rating	Circuit
20	15A	AVCS
21	15A	INJ
22	7.5A	CVT SSR
23	20A	TCU
24	30A	BACKUP
25	7.5A	ACTGS
26	25A	SUB FAN
27	25A	MAIN FAN
28	30A	ABS SOL
29	20A	AUDIO
30	25A	R.DEF
31	15A	BLOWER
32	15A	BLOWER
33	10A	F.FOG RH
34	10A	F.FOG LH
35	15A	R.WIPER
36	15A	F.WASH
37	30A	F.WIPER

Bulb chart

■ Safety precautions



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.
- For models with HID low beam headlights, observe the following precautions. Not doing so carries the risk of an electric shock that could result in serious injury because the HID bulbs use an extremely high voltage.
 - Do not replace any headlight bulbs (both low beam and high beam) by yourself.
 - Do not remove/restore the headlight assemblies by yourself.
 - Do not remove any headlight-assembly components by yourself.

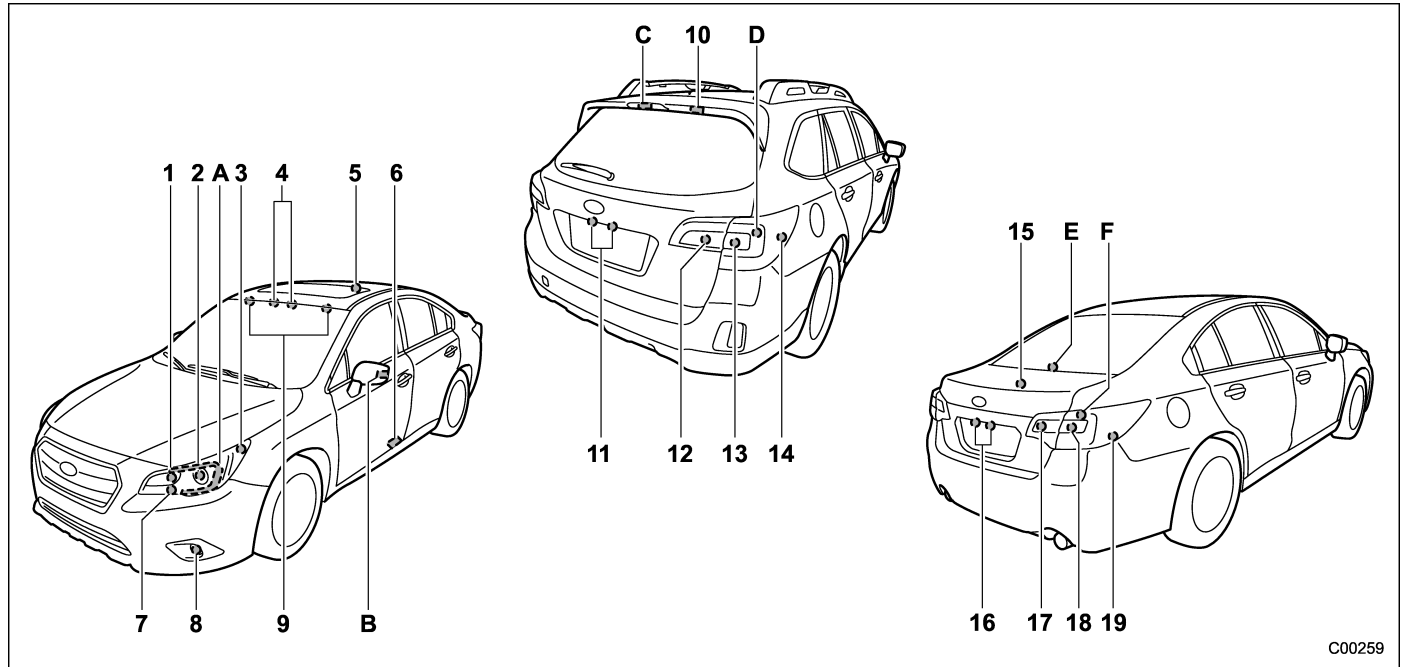
For replacement, contact your SUBARU dealer.



CAUTION

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

■ Bulb chart



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NOTE

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

12-16 Specifications/Bulb chart

		Wattage	Bulb No.
1)	High beam headlight	12V-60W	HB3
2)	Low beam headlight		
	Models with HID headlights	12V-35W	D4S
	Models without HID headlights	12V-55W	H11
3)	Front side marker light	12V-5W	W5W
4)	Map light	12V-8W	
5)	Dome light	12V-8W	
6)	Door step light	12V-5W	W5W
7)	Front turn signal light	12V-21W	WY21W
8)	Front fog light		
	Legacy (models without steering responsive fog lights system)	12V-19W	H16
	Legacy (models with steering responsive fog lights system)	12V-55W	H11
	Outback	12V-55W	H11
9)	Vanity mirror light	14V-1.4W	HTU
10)	Cargo area light	12V-13W	SAE #912
11)	Licence plate light (Outback)	12V-5W	W5W
12)	Backup light (Outback)	12V-16W	W16W
13)	Rear turn signal light (Outback)	12V-21W	WY21W
14)	Rear side marker light (Outback)	12V-5W	W5W
15)	Trunk light (Legacy)	12V-3.8W	SAE #194
16)	License plate light (Legacy)	12V-5W	W5W
17)	Backup light (Legacy)	12V-16W	W16W

		Wattage	Bulb No.
18)	Rear turn signal light (Legacy)	12V-21W	WY21W
19)	Rear side marker light (Legacy)	12V-5W	W5W
A)	Parking light	–	–
B)	Side turn signal light (if equipped)	–	–
C)	High-mounted stop light (Outback)	–	–
D)	Tail and stop light (Outback)	–	–
E)	High-mounted stop light (Legacy)	–	–
F)	Tail and stop light (Legacy)	–	–

Vehicle identification

