

FORESTER

SPECIFICATIONS

1. Forester

A: DIMENSIONS

Model				2.5 L	
				AWD	
				Non-turbo	Turbo
Overall length			mm (in)	4,450 (175.2)	
Overall width			mm (in)	1,735 (68.3)	
Overall height (at C.W.)			mm (in)	1,590 (62.6)	1,585 (62.4)
Compartment	Head room	Front	mm (in)	1,012 (39.8) 992 (39.0)*1	
		Rear	mm (in)	998 (39.3) 938 (36.9)*1	
	Leg room	Front	mm (in)	1,108 (43.6)	
		Rear	mm (in)	856 (33.7)	
	Shoulder room	Front	mm (in)	1,356 (53.4)	
		Rear	mm (in)	1,361 (53.6)	
Wheelbase			mm (in)	2,525 (99.4)	
Tread	Front		mm (in)	1,495 (58.9)	
	Rear		mm (in)	1,485 (58.5)	
Minimum road clearance			mm (in)	190 (7.5)	195 (7.7)

*1: With sun roof

B: ENGINE

Model		2.5L Non-turbo	2.5L Turbo
Engine type		Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine	
Valve system	Valve arrangement	SOHC	DOHC
	Valve quantity	Intake2/Exhaust2	
Bore × Stroke mm (in)		99.5 × 79 (3.92 × 3.11)	
Displacement cm ³ (cu in)		2,457 (149.94)	
Compression ratio		10.0 ± 0.2	8.2 ± 0.2
Firing order		1 — 3 — 2 — 4	
Idling speed [At neutral position on MT, or “P” or “N” position on AT] rpm		MT: 650 ± 100 AT: 700 ± 100	700 ± 100
Maximum output kW (HP)/rpm		123 (165)/5,600	157 (210)/5,600
Maximum torque N·m (kgf·m, ft·lb)/rpm		226 (23.0, 166) /4,000	319 (32.5, 235) /3,600

C: ELECTRICAL

Model		2.5L Non-turbo	2.5L Turbo
Ignition timing at idling speed	BTDC/rpm	MT: 10° ± 8°/650 AT: 15° ± 8°/700	17° ± 10°/700
Spark plug		CHAMPION: RC10YC4	NGK: PFR6G
		Alternate NGK: BKR6E-11 NGK: BKR5E-11	
Generator		12V — 90A	
Battery		MT: 12V — 48AH (55D23L) AT: 12V — 52AH (75D23L)	

D: TRANSMISSION

Model		2.5L Non-turbo		2.5L Turbo	
Transmission type		5MT	4AT	5MT	4AT
Clutch type		DSPD	TCC	DSPD	TCC
Gear ratio	1st	3.454	3.027	3.454	2.785
	2nd	2.062	1.619	1.947	1.545
	3rd	1.448	1.000	1.366	1.000
	4th	1.088	0.694	0.972	0.694
	5th	0.780	—	0.738	—
	Reverse	3.333	2.272	3.333	2.272
Reduction gear (Front drive)	1st reduction	Type of gear	—	Helical	—
		Gear ratio	—	1.000	—
	Final reduction	Type of gear	Hypoid		
		Gear ratio	4.111	4.444	
Reduction gear (Rear drive)	Transfer reduction	Type of gear	Helical	—	Helical
		Gear ratio	1.000	—	1.000
	Final reduction	Type of gear	Hypoid		
		Gear ratio	4.111	4.444	

5MT: 5 forward speeds with synchromesh and 1-reverse

4AT: Electronically controlled fully-automatic, 4-forward speeds and 1-reverse

DSPD: Dry Single Plate Diaphragm

TCC: Torque Converter Clutch

E: STEERING

Model		2.5L Non-turbo	2.5L Turbo
Type		Rack and Pinion, Integral	
Turns, lock to lock		3.0	
Minimum turning circle	m (ft)	Curb to curb	10.6 (34.8)
		Wall to wall	11.4 (37.4)

F: SUSPENSION

Front	Macpherson strut type, Independent, Coil spring
Rear	Dual-link strut type, Independent, Coil spring

G: BRAKE

Model	2.5 X	2.5 XS, 2.5 XT
Service brake system	Dual circuit hydraulic with vacuum suspended power unit	
Front	Ventilated disc brake	
Rear	Drum brake	Disc brake
Parking brake	Mechanical on rear brakes	

H: TIRE

Rim size	16 × 6 ¹ / ₂ JJ
Tire size	P215/60R16 94H
Type	Steel belted radial, Tubeless

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I: CAPACITY

Model		2.5L Non-turbo		2.5L Turbo	
		5MT	4AT	5MT	4AT
Fuel tank	ℓ (US gal, Imp gal)	60 (15.9, 13.2)			
Engine oil (When replaced)	ℓ (US qt, Imp qt)	Approx. 4.0 (4.2, 3.5)			
Transmission gear oil	ℓ (US qt, Imp qt)	3.5 (3.7, 3.1)	—	3.5 (3.7, 3.1)	—
ATF	ℓ (US qt, Imp qt)	—	9.3 (9.8, 8.2)	—	9.3 (9.8, 8.2)
Front differential gear oil	ℓ (US qt, Imp qt)	—	1.2 (1.3, 1.1)	—	1.2 (1.3, 1.1)
Rear differential gear oil	ℓ (US qt, Imp qt)	0.8 (0.8, 0.6)			
Power steering fluid	ℓ (US qt, Imp qt)	0.7 (0.7, 0.6)			
Engine coolant	ℓ (US qt, Imp qt)	Approx. 6.9 (Approx. 7.3, 6.1)	Approx. 6.8 (Approx. 7.2, 6.0)	Approx. 7.4 (Approx. 7.8, 6.5)	Approx. 7.3 (Approx. 7.7, 6.4)

J: WEIGHT

1. FOR U.S. MODEL

Option code★1			U4QW		U4NQ		U4PV		U4PU	
Model			2.5 L Non-turbo							
Grade			2.5 X		2.5 XS					
Transmission			5MT	4AT	5MT	4AT	5MT	4AT	5MT	4AT
Curb weight (C.W.)	Front	kg (lb)	780 (1,720)	800 (1,765)	780 (1,720)	800 (1,765)	780 (1,720)	800 (1,765)	785 (1,725)	805 (1,770)
	Rear	kg (lb)	620 (1,370)	620 (1,370)	625 (1,375)	625 (1,375)	625 (1,375)	625 (1,375)	635 (1,405)	635 (1,405)
	Total	kg (lb)	1,400 (3,090)	1,420 (3,135)	1,405 (3,095)	1,425 (3,140)	1,405 (3,095)	1,425 (3,140)	1,420 (3,130)	1,440 (3,175)
Gross axle weight (G.A.W.)	Front	kg (lb)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)
	Rear	kg (lb)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)
Gross vehicle weight (G.V.W.)			kg (lb)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)
Option	Tough package base		—		○		—		—	
	Aluminium wheel		—		○		○		○	
	Front fog light		○		○		○		○	
	Cruise control		○		○		○		○	
	Sport steering		—		○		—		—	
	Leather package base		—		—		○		○	
	Leather seat, leather door trim		—		—		—		—	
	Air conditioner		○		○		○		○	
	Side air bag		○		○		○		○	
	Sun roof		—		—		—		○	
	Self-levelizer Rr		—		○		—		—	
	Cold zone package B		—		○		○		○	

★1: For option code, refer to ID section. <Ref. to ID-4, MODEL NUMBER PLATE, IDENTIFICATION, Identification.>

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SPECIFICATIONS

Option code★1			U4OU		U4NR	
Model			2.5 L Non-turbo			
			2.5 XS			
			5MT	4AT	5MT	4AT
Curb weight (C.W.)	Front	kg (lb)	785 (1,730)	805 (1,775)	785 (1,730)	805 (1,775)
	Rear	kg (lb)	640 (1,410)	640 (1,410)	640 (1,415)	640 (1,415)
	Total	kg (lb)	1,425 (3,140)	1,445 (3,185)	1,425 (3,145)	1,445 (3,190)
Gross axle weight (G.A.W.)	Front	kg (lb)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)
	Rear	kg (lb)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)
Gross vehicle weight (G.V.W.)		kg (lb)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)
Option	Tough package base		—		○	
	Aluminium wheel		○		○	
	Front fog light		○		○	
	Cruise control		○		○	
	Sport steering		—		○	
	Leather package base		○		—	
	Leather seat, leather door trim		○		—	
	Air conditioner		○		○	
	Side air bag		○		○	
	Sun roof		○		○	
	Self-levelizer Rr		—		○	
	Cold zone package B		○		○	

★1: For option code, refer to ID section. <Ref. to ID-4, MODEL NUMBER PLATE, IDENTIFICATION, Identification.>

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SPECIFICATIONS

Option code★1			U4NQ		U4PV		U4PU		U4OU		U4NR	
Model			2.5 L Turbo									
			2.5 XT									
			5MT	4AT	5MT	4AT	5MT	4AT	5MT	4AT	5MT	4AT
Curb weight (C.W.)	Front	kg (lb)	825 (1,820)	845 (1,860)	825 (1,820)	845 (1,860)	830 (1,830)	845 (1,865)	830 (1,830)	850 (1,870)	830 (1,830)	850 (1,870)
	Rear	kg (lb)	630 (1,390)	630 (1,395)	630 (1,390)	630 (1,390)	645 (1,420)	645 (1,420)	650 (1,430)	650 (1,430)	650 (1,430)	650 (1,430)
	Total	kg (lb)	1,455 (3,210)	1,475 (3,255)	1,455 (3,210)	1,477 (3,250)	1,475 (3,250)	1,490 (3,285)	1,480 (3,260)	1,500 (3,300)	1,480 (3,260)	1,500 (3,300)
Gross axle weight (G.A.W.)	Front	kg (lb)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)
	Rear	kg (lb)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)
Gross vehicle weight (G.V.W.) kg (lb)			1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)
Option	Tough pack- age base		○		—		—		—		○	
	Aluminium wheel		○		○		○		○		○	
	Front fog light		○		○		○		○		○	
	Cruise control		○		○		○		○		○	
	Sport steering		○		—		—		—		○	
	Leather pack- age base		—		○		○		○		—	
	Leather seat, leather door trim		—		—		—		○		—	
	Air conditioner		○		○		○		○		○	
	Side air bag		○		○		○		○		○	
	Sun roof		—		—		○		○		○	
	Self-levelizer Rr		○		—		—		—		○	
	Cold zone package B		○		○		○		○		○	

★1: For option code, refer to ID section. <Ref. to ID-4, MODEL NUMBER PLATE, IDENTIFICATION, Identification.>

2. FOR CANADA MODEL

Option code★1			COQW		CONQ		COPV	
Model			2.5 L Non-turbo					
			2.5 X		2.5 XS			
			5MT	4AT	5MT	4AT	5MT	4AT
Curb weight (C.W.)	Front	kg (lb)	780 (1,720)	800 (1,765)	780 (1,720)	800 (1,765)	780 (1,720)	800 (1,765)
	Rear	kg (lb)	620 (1,370)	620 (1,370)	625 (1,375)	625 (1,375)	625 (1,375)	625 (1,375)
	Total	kg (lb)	1,400 (3,090)	1,420 (3,135)	1,405 (3,095)	1,425 (3,140)	1,405 (3,095)	1,425 (3,140)
Gross axle weight (G.A.W.)	Front	kg (lb)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)
	Rear	kg (lb)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)
Gross vehicle weight (G.V.W.)			kg (lb)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)
Option	Tough package base		—		○		—	
	Aluminium wheel		—		○		○	
	Front fog light		○		○		○	
	Cruise control		○		○		○	
	Sport steering		—		○		—	
	Leather package base		—		—		○	
	Leather seat, leather door trim		—		—		—	
	Air conditioner		○		○		○	
	Side air bag		○		○		○	
	Sun roof		—		—		—	
	Self-levelizer Rr		—		○		—	
	Cold zone package B		—		○		○	

★1: For option code, refer to ID section. <Ref. to ID-4, MODEL NUMBER PLATE, IDENTIFICATION, Identification.>

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Option code★1			COPU		CONR		COOU	
Model			2.5 L Non-turbo					
			2.5 XS					
			5MT	4AT	5MT	4AT	5MT	4AT
Curb weight (C.W.)	Front	kg (lb)	785 (1,725)	805 (1,770)	785 (1,730)	805 (1,775)	785 (1,730)	805 (1,775)
	Rear	kg (lb)	635 (1,405)	635 (1,405)	640 (1,415)	640 (1,415)	640 (1,410)	640 (1,410)
	Total	kg (lb)	1,420 (3,130)	1,440 (3,175)	1,425 (3,145)	1,445 (3,190)	1,425 (3,140)	1,445 (3,185)
Gross axle weight (G.A.W.)	Front	kg (lb)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)	930 (2,050)
	Rear	kg (lb)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)	1,000 (2,200)
Gross vehicle weight (G.V.W.)		kg (lb)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)	1,880 (4,150)
Option	Tough package base		—		○		—	
	Aluminium wheel		○		○		○	
	Front fog light		○		○		○	
	Cruise control		○		○		○	
	Sport steering		—		○		—	
	Leather package base		○		—		○	
	Leather seat, leather door trim		—		—		○	
	Air conditioner		○		○		○	
	Side air bag		○		○		○	
	Sun roof		○		○		○	
	Self-levelizer Rr		—		○		—	
	Cold zone package B		○		○		○	

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SPECIFICATIONS

Option code★1			CONQ		COPV		COPU		CONR		COOU	
Model			2.5 L Turbo									
			2.5 XT									
			5MT	4AT	5MT	4AT	5MT	4AT	5MT	4AT	5MT	4AT
Curb weight (C.W.)	Front	kg (lb)	825 (1,820)	845 (1,860)	825 (1,820)	845 (1,860)	830 (1,830)	845 (1,865)	830 (1,830)	850 (1,875)	830 (1,830)	850 (1,875)
	Rear	kg (lb)	630 (1,390)	630 (1,395)	630 (1,390)	630 (1,390)	640 (1,410)	640 (1,410)	645 (1,420)	645 (1,420)	645 (1,420)	645 (1,420)
	Total	kg (lb)	1,455 (3,210)	1,475 (3,255)	1,455 (3,210)	1,475 (3,250)	1,470 (3,240)	1,485 (3,275)	1,475 (3,250)	1,495 (3,295)	1,475 (3,250)	1,495 (3,295)
Gross axle weight (G.A.W.)	Front	kg (lb)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)	990 (2,190)
	Rear	kg (lb)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)	1,020 (2,250)
Gross vehicle weight (G.V.W.) kg (lb)			1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)	1,960 (4,320)
Option	Tough pack- age base		○		—		—		○		—	
	Aluminium wheel		○		○		○		○		○	
	Front fog light		○		○		○		○		○	
	Cruise control		○		○		○		○		○	
	Sport steering		○		—		—		○		—	
	Leather pack- age base		—		○		○		—		○	
	Leather seat, leather door trim		—		—		—		—		○	
	Air conditioner		○		○		○		○		○	
	Side air bag		○		○		○		○		○	
	Sun roof		—		—		○		○		○	
	Self-levelizer Rr		○		—		—		○		—	
	Cold zone package B		○		○		○		○		○	

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3. OPTIONAL PARTS

Option	Front kg (lb)	Rear kg (lb)	Total kg (lb)
Tough package base	0.1 (0.2)	0.4 (0.9)	0.5 (1.1)
Aluminium wheel	-6.5 (-14.3)	-6.5 (-14.3)	-13.0 (-28.6)
Front fog light	0.7 (1.5)	-0.1 (-0.2)	0.6 (1.3)
Cruise control	1.5 (3.3)	0.2 (0.5)	1.7 (3.8)
Sport steering	0.2 (0.5)	0.1 (0.2)	0.3 (0.7)
Leather seat, leather door trim	1.2 (2.6)	3.0 (6.6)	4.2 (9.2)
Air conditioner	16.9 (37.3)	-1.4 (-3.1)	15.5 (34.2)
Side air bag	2.0 (4.4)	2.4 (5.3)	4.4 (9.7)
Sun roof	3.5 (7.7)	13.2 (29.1)	16.7 (36.8)
Self-levelizer Rr	0.1 (0.2)	3.0 (6.6)	3.1 (6.8)
Cold zone package B	0.1 (0.2)	0.3 (0.7)	0.4 (0.9)

